

# AIRSTAGE

AIR CONDITIONER

2-unit multi-split type

# FUJITSU

REFRIGERANT **R32**  
INVERTER

## DESIGN & TECHNICAL MANUAL

### INDOOR



AUXG07-14KVLA



ARXG07-14KSLAP



ARXG07-14KLLAP



ARXH12-14KMTAP



ASEH07-14KMCG



ASEH07-14KMCG-B



ASEG07-14KETF



ASEG07-14KETF-B



ASEH07-14KGTG

### OUTDOOR



ASEH05-12KNCA



AGEG09-14KVCA



AOEG14KBCA2



AOEG18KBCA2

FUJITSU GENERAL LIMITED

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# Part 1. INDOOR UNIT

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## COMPACT CASSETTE TYPE:

AUXG07-14KVLA

## MINI DUCT TYPE:

ARXG07-14KSLAP

## SLIM DUCT TYPE:

ARXG07-14KLLAP

## MEDIUM STATIC PRESSURE DUCT TYPE:

ARXH12-14KMTAP

## WALL MOUNTED TYPE:

ASEH07-14KMCG

ASEG07-14KETF-B

ASEH07-14KMCG-B

ASEH07-14KGTG

ASEH05-12KNCA

## FLOOR TYPE:

AGEG09-14KVCA

# 1. Model lineup

| Indoor unit                                                                                                                                      |                                                                                                                                                          |                                                                                                                                                       |                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>AUXG07KVLA<br/>AUXG09KVLA<br/>AUXG12KVLA<br/>AUXG14KVLA</p> |  <p>ARXG07KSLAP<br/>ARXG09KSLAP<br/>ARXG12KSLAP<br/>ARXG14KSLAP</p>     |  <p>ARXG07KLLAP<br/>ARXG09KLLAP<br/>ARXG12KLLAP<br/>ARXG14KLLAP</p> |  <p>ARXH12KMTAP<br/>ARXH14KMTAP</p>                                     |
|  <p>ASEH07KMCG<br/>ASEH09KMCG<br/>ASEH12KMCG<br/>ASEH14KMCG</p> |  <p>ASEH07KMCG-B<br/>ASEH09KMCG-B<br/>ASEH12KMCG-B<br/>ASEH14KMCG-B</p> |  <p>ASEG07KETF<br/>ASEG09KETF<br/>ASEG12KETF<br/>ASEG14KETF</p>     |  <p>ASEG07KETF-B<br/>ASEG09KETF-B<br/>ASEG12KETF-B<br/>ASEG14KETF-B</p> |
|  <p>ASEH07KGTG<br/>ASEH09KGTG<br/>ASEH12KGTG<br/>ASEH14KGTG</p> |  <p>ASEH05KNCA<br/>ASEH07KNCA<br/>ASEH09KNCA<br/>ASEH12KNCA</p>         |  <p>AGEG09KVCA<br/>AGEG12KVCA<br/>AGEG14KVCA</p>                    |                                                                                                                                                            |
| Outdoor unit                                                                                                                                     |                                                                                                                                                          |                                                                                                                                                       |                                                                                                                                                            |
|  <p>AOEG14KBCA2</p>                                           |                                                                                                                                                          |  <p>AOEG18KBCA2</p>                                              |                                                                                                                                                            |

# 1-1. Connectable indoor units to each outdoor unit

●: Connectable / -: Not connectable

| Outdoor unit | Compact cassette |     |     |     | Mini duct      |     |     |     |
|--------------|------------------|-----|-----|-----|----------------|-----|-----|-----|
|              | AUXG07-14KVLA    |     |     |     | ARXG07-14KSLAP |     |     |     |
| Btu class    | 07               | 09  | 12  | 14  | 07             | 09  | 12  | 14  |
| kW class     | 2.0              | 2.5 | 3.5 | 4.0 | 2.0            | 2.5 | 3.5 | 4.0 |
| AOEG14KBCA2  | ●                | ●   | ●   | —   | ●              | ●   | ●   | —   |
| AOEG18KBCA2  | ●                | ●   | ●   | ●   | ●              | ●   | ●   | ●   |

| Outdoor unit | Slim duct      |     |     |     | Medium static pressure duct |     |
|--------------|----------------|-----|-----|-----|-----------------------------|-----|
|              | ARXG07-14KLLAP |     |     |     | ARXH12-14KMTAP              |     |
| Btu class    | 07             | 09  | 12  | 14  | 12                          | 14  |
| kW class     | 2.0            | 2.5 | 3.5 | 4.0 | 3.5                         | 4.0 |
| AOEG14KBCA2  | ●              | ●   | ●   | —   | ●                           | —   |
| AOEG18KBCA2  | ●              | ●   | ●   | ●   | ●                           | ●   |

| Outdoor unit | Wall mounted                     |     |     |     |                                  |     |     |     |
|--------------|----------------------------------|-----|-----|-----|----------------------------------|-----|-----|-----|
|              | KM                               |     |     |     | KE                               |     |     |     |
|              | ASEH07-14KMCG<br>ASEH07-14KMCG-B |     |     |     | ASEG07-14KETF<br>ASEG07-14KETF-B |     |     |     |
|              | Btu class                        | 07  | 09  | 12  | 14                               | 07  | 09  | 12  |
| kW class     | 2.0                              | 2.5 | 3.5 | 4.0 | 2.0                              | 2.5 | 3.5 | 4.0 |
| AOEG14KBCA2  | ●                                | ●   | ●   | —   | ●                                | ●   | ●   | —   |
| AOEG18KBCA2  | ●                                | ●   | ●   | ●   | ●                                | ●   | ●   | ●   |

| Outdoor unit | Wall mounted  |     |     |     |               |     |     |     |
|--------------|---------------|-----|-----|-----|---------------|-----|-----|-----|
|              | KG            |     |     |     | KN            |     |     |     |
|              | ASEH07-14KGTG |     |     |     | ASEH05-12KNCA |     |     |     |
| Btu class    | 07            | 09  | 12  | 14  | 05            | 07  | 09  | 12  |
| kW class     | 2.0           | 2.5 | 3.5 | 4.0 | 1.5           | 2.0 | 2.5 | 3.5 |
| AOEG14KBCA2  | ●             | ●   | ●   | —   | ●             | ●   | ●   | ●   |
| AOEG18KBCA2  | ●             | ●   | ●   | ●   | ●             | ●   | ●   | ●   |

| Outdoor unit | Floor         |     |     |
|--------------|---------------|-----|-----|
|              | AGEG09-14KVCA |     |     |
| Btu class    | 09            | 12  | 14  |
| kW class     | 2.5           | 3.5 | 4.0 |
| AOEG14KBCA2  | ●             | ●   | —   |
| AOEG18KBCA2  | ●             | ●   | ●   |

## 1-2. Indoor unit connection patterns

### ■ 2 units

| AOEG14KBCA2     |        |        |       |
|-----------------|--------|--------|-------|
| Combination no. | Unit 1 | Unit 2 | Total |
| 1               | 5      | 5      | 10    |
| 2               | 5      | 7      | 12    |
| 3               | 5      | 9      | 14    |
| 4               | 5      | 12     | 17    |
| 5               | 7      | 7      | 14    |
| 6               | 7      | 9      | 16    |
| 7               | 7      | 12     | 19    |
| 8               | 9      | 9      | 18    |
| 9               | 9      | 12     | 21    |

| AOEG18KBCA2     |        |        |       |
|-----------------|--------|--------|-------|
| Combination no. | Unit 1 | Unit 2 | Total |
| 1               | 5      | 5      | 10    |
| 2               | 5      | 7      | 12    |
| 3               | 5      | 9      | 14    |
| 4               | 5      | 12     | 17    |
| 5               | 5      | 14     | 19    |
| 6               | 7      | 7      | 14    |
| 7               | 7      | 9      | 16    |
| 8               | 7      | 12     | 19    |
| 9               | 7      | 14     | 21    |
| 10              | 9      | 9      | 18    |
| 11              | 9      | 12     | 21    |
| 12              | 9      | 14     | 23    |
| 13              | 12     | 12     | 24    |
| 14              | 12     | 14     | 26    |

Numbers in column Unit 1, 2, and Total indicate the indoor unit capacities as follows:

5: 5,000 Btu/h, 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 14: 14,000 Btu/h ....

## 2. Specifications

### 2-1. Compact cassette type

| Model name                          |              |                        |               | AUXG07KVLA      | AUXG09KVLA                                               | AUXG12KVLA | AUXG14KVLA |
|-------------------------------------|--------------|------------------------|---------------|-----------------|----------------------------------------------------------|------------|------------|
| Power supply                        |              |                        |               | 1Ø 230 V~ 50 Hz |                                                          |            |            |
| Available voltage range             |              |                        |               | 198—264 V       |                                                          |            |            |
| Capacity                            |              |                        | kW class      | 2.0             | 2.5                                                      | 3.5        | 4.0        |
| Input power                         |              |                        | W             | 18              |                                                          | 23         | 28         |
| Running current                     |              |                        | A             | 0.15            |                                                          | 0.19       | 0.22       |
| Fan                                 | Airflow rate | Cooling                | HIGH          | m³/h            | 540                                                      | 610        | 680        |
|                                     |              |                        | MED           |                 | 490                                                      | 530        | 580        |
|                                     |              |                        | LOW           |                 | 440                                                      | 470        | 490        |
|                                     |              |                        | QUIET         |                 | 390                                                      | 410        | 410        |
|                                     |              | Heating                | HIGH          |                 | 540                                                      | 610        | 790        |
|                                     |              |                        | MED           |                 | 490                                                      | 530        | 680        |
|                                     |              |                        | LOW           |                 | 440                                                      | 470        | 580        |
|                                     |              |                        | QUIET         |                 | 390                                                      | 410        | 450        |
|                                     | Type × Qty   |                        | Turbo fan × 1 |                 |                                                          |            |            |
|                                     | Motor output |                        | W             | 54              |                                                          |            |            |
| Sound pressure level*               |              | Cooling                | HIGH          | dB (A)          | 33                                                       | 37         | 38         |
|                                     |              |                        | MED           |                 | 31                                                       | 34         | 35         |
|                                     |              |                        | LOW           |                 | 29                                                       | 31         | 32         |
|                                     |              |                        | QUIET         |                 | 27                                                       | 28         | 29         |
|                                     |              | Heating                | HIGH          |                 | 34                                                       | 37         | 43         |
|                                     |              |                        | MED           |                 | 32                                                       | 34         | 38         |
|                                     |              |                        | LOW           |                 | 29                                                       | 31         | 34         |
|                                     |              |                        | QUIET         |                 | 27                                                       | 29         | 30         |
| Sound power level                   |              | Cooling                | dB (A)        | 46              | 49                                                       | 50         |            |
|                                     |              | Heating                |               | 47              | 49                                                       | 55         |            |
| Heat exchanger type                 |              | Dimensions (H × W × D) |               | mm              | Main 1: 210 × 1,310 × 13.3<br>Main 2: 210 × 1,250 × 13.3 |            |            |
|                                     |              | Fin pitch              |               | mm              | Main 1: 1.2<br>Main 2: 1.2                               |            |            |
|                                     |              | Rows × Stages          |               |                 | Main 1: 1 × 10<br>Main 2: 1 × 10                         |            |            |
|                                     |              | Pipe type              |               |                 | Copper tube                                              |            |            |
|                                     |              | Fin type               |               |                 | Aluminum                                                 |            |            |
| Dimensions (H × W × D)              |              | Net                    |               | mm              | 245 × 570 × 570                                          |            |            |
|                                     |              | Gross                  |               |                 | 265 × 730 × 625                                          |            |            |
| Weight                              |              | Net                    |               | kg              | 15                                                       |            |            |
|                                     |              | Gross                  |               |                 | 19                                                       |            |            |
| Connection pipe                     |              | Size                   | Liquid        | mm (in)         | Ø6.35 (Ø1/4)                                             |            |            |
|                                     |              |                        | Gas           |                 | Ø9.52 (Ø3/8)                                             |            |            |
|                                     |              | Method                 |               |                 | Flare                                                    |            |            |
| Operation range                     |              | Cooling                |               | °C              | 18 to 32                                                 |            |            |
|                                     |              |                        |               | %RH             | 80 or less                                               |            |            |
|                                     |              | Heating                |               | °C              | 16 to 30                                                 |            |            |
| Drain hose                          |              | Material               |               |                 | Polyvinyl chloride                                       |            |            |
|                                     |              | Tip diameter           |               | mm              | VP25 (Ø25 [I.D.], Ø32 [O.D.])                            |            |            |
| Cassette grille (Grid type: Option) |              | Model name             |               |                 | UTG-UFYF-W                                               |            |            |
|                                     |              | Material               |               |                 | Polystyrene                                              |            |            |
|                                     |              | Color                  |               |                 | White<br>Approximate color of Munsell 9PB 9.1/0.2        |            |            |
|                                     |              | Dimensions (H × W × D) | Net           | mm              | 49 × 620 × 620                                           |            |            |
|                                     |              |                        | Gross         |                 | 120 × 765 × 755                                          |            |            |
|                                     |              | Weight                 | Net           | kg              | 2.3                                                      |            |            |
| Gross                               | 4.5          |                        |               |                 |                                                          |            |            |

#### NOTES:

- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

## 2-2. Mini duct type

| Model name                  |                        |         |          | ARXG07KSLAP             | ARXG09KSLAP | ARXG12KSLAP | ARXG14KSLAP |     |
|-----------------------------|------------------------|---------|----------|-------------------------|-------------|-------------|-------------|-----|
| Power supply                |                        |         |          | 1Ø 230 V~ 50 Hz         |             |             |             |     |
| Available voltage range     |                        |         |          | 198—264 V               |             |             |             |     |
| Capacity                    |                        |         | kW class | 2.0                     | 2.5         | 3.5         | 4.0         |     |
| Input power                 | Fan                    | HIGH    | W        | 33                      | 40          | 47          | 72          |     |
|                             |                        | MED     |          | 23                      | 23          | 26          | 44          |     |
|                             |                        | LOW     |          | 20                      | 20          | 22          | 30          |     |
|                             |                        | QUIET   |          | 18                      | 18          | 18          | 18          |     |
| Running current             |                        |         | A        | 0.29                    | 0.33        | 0.38        | 0.58        |     |
| Fan                         | Airflow rate           | Cooling | HIGH     | m³/h                    | 550         | 600         | 650         | 800 |
|                             |                        |         | MED      |                         | 440         | 450         | 490         | 640 |
|                             |                        |         | LOW      |                         | 390         | 400         | 430         | 530 |
|                             |                        |         | QUIET    |                         | 360         | 360         | 360         | 360 |
|                             |                        | Heating | HIGH     |                         | 550         | 600         | 650         | 800 |
|                             |                        |         | MED      |                         | 440         | 450         | 490         | 640 |
|                             |                        |         | LOW      |                         | 390         | 400         | 430         | 530 |
|                             |                        |         | QUIET    |                         | 360         | 360         | 360         | 360 |
|                             | Type × Qty             |         |          | Sirocco fan × 2         |             |             |             |     |
|                             | Motor output           |         | W        | 75                      |             |             |             |     |
| Recommended static pressure |                        |         | Pa       | 0 to 30                 |             |             | 0 to 50     |     |
| Sound pressure level*       | Cooling                | HIGH    | dB (A)   | 29                      |             | 31          | 35          |     |
|                             |                        | MED     |          | 26                      |             | 27          | 30          |     |
|                             |                        | LOW     |          | 24                      |             | 25          | 27          |     |
|                             |                        | QUIET   |          | 23                      |             | 23          | 23          |     |
|                             | Heating                | HIGH    |          | 29                      |             | 31          | 35          |     |
|                             |                        | MED     |          | 26                      |             | 27          | 30          |     |
|                             |                        | LOW     |          | 24                      |             | 25          | 27          |     |
|                             |                        | QUIET   |          | 23                      |             | 25          | 27          |     |
| Sound power level           | Cooling                |         | dB (A)   | 52                      | 54          | 55          | 60          |     |
|                             | Heating                |         |          | 53                      | 56          | 57          | 62          |     |
| Heat exchanger type         | Dimensions (H × W × D) |         | mm       | 336 × 490 × 26.6        |             |             |             |     |
|                             | Fin pitch              |         | mm       | 1.3                     |             |             |             |     |
|                             | Rows × Stages          |         |          | 2 × 16                  |             |             |             |     |
|                             | Pipe type              |         |          | Copper tube             |             |             |             |     |
|                             | Fin type               |         |          | Aluminum                |             |             |             |     |
| Enclosure                   | Material               |         |          | Steel sheet             |             |             |             |     |
|                             | Color                  |         |          | —                       |             |             |             |     |
| Dimensions (H × W × D)      | Net                    |         | mm       | 198 × 700 × 450         |             |             |             |     |
|                             | Gross                  |         |          | 250 × 930 × 580         |             |             |             |     |
| Weight                      | Net                    |         | kg       | 15.5                    |             |             |             |     |
|                             | Gross                  |         |          | 19.0                    |             |             |             |     |
| Connection pipe             | Size                   | Liquid  | mm (in)  | Ø6.35 (Ø1/4)            |             |             |             |     |
|                             |                        | Gas     |          | Ø9.52 (Ø3/8)            |             |             |             |     |
|                             | Method                 |         |          | Flare                   |             |             |             |     |
| Operation range             | Cooling                |         | °C       | 18 to 32                |             |             |             |     |
|                             |                        |         | %RH      | 80 or less              |             |             |             |     |
|                             | Heating                |         | °C       | 16 to 30                |             |             |             |     |
| Drain hose                  | Material               |         |          | Hard Polyvinyl chloride |             |             |             |     |
|                             | Tip diameter           |         | mm       | Ø25 (I.D.), Ø32 (O.D.)  |             |             |             |     |

### NOTES:

- Values mentioned in the table are based on the following conditions:
  - Static pressure: 07-12 models: 10 Pa, 14 model: 15 Pa
- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.



## 2-3. Slim duct type

| Model name                  |                        |         |          | ARXG07KLLAP            | ARXG09KLLAP      | ARXG12KLLAP | ARXG14KLLAP |     |
|-----------------------------|------------------------|---------|----------|------------------------|------------------|-------------|-------------|-----|
| Power supply                |                        |         |          | 1Ø 230 V~ 50 Hz        |                  |             |             |     |
| Available voltage range     |                        |         |          | 198—264 V              |                  |             |             |     |
| Capacity                    |                        |         | kW class | 2.0                    | 2.5              | 3.5         | 4.0         |     |
| Input power                 |                        |         | W        | 33                     | 49               | 58          | 76          |     |
| Running current             |                        |         | A        | 0.33                   | 0.30             | 0.35        | 0.51        |     |
| Fan                         | Airflow rate           | Cooling | HIGH     | m³/h                   | 550              | 600         | 650         | 800 |
|                             |                        |         | MED      |                        | 490              | 550         | 600         | 700 |
|                             |                        |         | LOW      |                        | 470              | 500         | 550         | 600 |
|                             |                        |         | QUIET    |                        | 440              | 450         | 480         | 480 |
|                             |                        | Heating | HIGH     |                        | 550              | 600         | 650         | 800 |
|                             |                        |         | MED      |                        | 490              | 550         | 600         | 700 |
|                             |                        |         | LOW      |                        | 470              | 500         | 550         | 600 |
|                             |                        |         | QUIET    |                        | 440              | 450         | 480         | 480 |
|                             | Type × Qty             |         |          | Sirocco fan × 2        |                  |             |             |     |
|                             | Motor output           |         | W        | 80                     | 81               |             |             |     |
| Recommended static pressure |                        |         |          | Pa                     | 0 to 90          |             |             |     |
| Sound pressure level*       | Cooling                | HIGH    | dB (A)   | 28                     |                  | 29          | 32          |     |
|                             |                        | MED     |          | 26                     | 27               | 28          | 30          |     |
|                             |                        | LOW     |          | 25                     | 26               | 27          | 28          |     |
|                             |                        | QUIET   |          | 24                     | 25               | 26          |             |     |
|                             | Heating                | HIGH    |          | 28                     |                  | 29          | 32          |     |
|                             |                        | MED     |          | 26                     |                  | 28          | 30          |     |
|                             |                        | LOW     |          | 25                     |                  | 27          | 28          |     |
|                             |                        | QUIET   |          | 24                     |                  |             | 25          |     |
| Sound power level           | Cooling                | dB (A)  | 57       |                        | 58               | 60          |             |     |
|                             | Heating                |         | 57       |                        | 58               | 60          |             |     |
| Heat exchanger type         | Dimensions (H × W × D) |         | mm       | 294 × 500 × 26.6       | 294 × 500 × 39.9 |             |             |     |
|                             | Fin pitch              |         | mm       | 1.3                    |                  |             |             |     |
|                             | Rows × Stages          |         |          | 2 × 14                 | 3 × 14           |             |             |     |
|                             | Pipe type              |         |          | Copper tube            |                  |             |             |     |
|                             | Fin type               |         |          | Aluminum               |                  |             |             |     |
| Enclosure                   | Material               |         |          | Steel sheet            |                  |             |             |     |
|                             | Color                  |         |          | —                      |                  |             |             |     |
| Dimensions (H × W × D)      | Net                    |         | mm       | 198 × 700 × 620        |                  |             |             |     |
|                             | Gross                  |         |          | 276 × 968 × 772        |                  |             |             |     |
| Weight                      | Net                    |         | kg       | 16                     | 17               |             |             |     |
|                             | Gross                  |         |          | 21                     | 22               |             |             |     |
| Connection pipe             | Size                   | Liquid  | mm (in)  | Ø6.35 (Ø1/4)           |                  |             |             |     |
|                             |                        | Gas     |          | Ø9.52 (Ø3/8)           |                  |             |             |     |
|                             | Method                 |         |          | Flare                  |                  |             |             |     |
| Operation range             |                        | Cooling | °C       | 18 to 32               |                  |             |             |     |
|                             |                        |         | %RH      | 80 or less             |                  |             |             |     |
|                             |                        | Heating | °C       | 16 to 30               |                  |             |             |     |
| Drain hose                  | Material               |         |          | Polyvinyl chloride     |                  |             |             |     |
|                             | Tip diameter           |         | mm       | Ø25 (I.D.), Ø32 (O.D.) |                  |             |             |     |

### NOTES:

- Values mentioned in the table are based on the following conditions:
  - Static pressure: 25 Pa
- The protective function might work when using it outside the operation range.
- \*: Sound pressure level:
  - These are the measured values in the manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

## 2-4. Medium static pressure duct type

| Model name                 |              |                        |                 | ARXH12KMTAP                                              |                        | ARXH14KMTAP |     |  |
|----------------------------|--------------|------------------------|-----------------|----------------------------------------------------------|------------------------|-------------|-----|--|
| Power supply               |              |                        |                 | 230 V~ 50 Hz                                             |                        |             |     |  |
| Available voltage range    |              |                        |                 | 198—264 V                                                |                        |             |     |  |
| Capacity                   |              |                        | kW class        | 3.5                                                      |                        | 4.0         |     |  |
| Input power                |              |                        | W               | 46                                                       |                        | 70          |     |  |
| Running current            |              |                        | A               | 0.34                                                     |                        | 0.49        |     |  |
| Fan                        | Airflow rate | Cooling                | HIGH            | m³/h                                                     | 650                    |             | 800 |  |
|                            |              |                        | MED             |                                                          | 520                    |             | 640 |  |
|                            |              |                        | LOW             |                                                          | 460                    |             | 560 |  |
|                            |              |                        | QUIET           |                                                          | 390                    |             | 480 |  |
|                            |              | Heating                | HIGH            |                                                          | 650                    |             | 800 |  |
|                            |              |                        | MED             |                                                          | 520                    |             | 640 |  |
|                            |              |                        | LOW             |                                                          | 460                    |             | 560 |  |
|                            |              |                        | QUIET           |                                                          | 390                    |             | 480 |  |
|                            | Type × Qty   |                        | Sirocco fan × 1 |                                                          |                        |             |     |  |
|                            | Motor output |                        | W               | 150                                                      |                        |             |     |  |
| Static pressure range      |              |                        | Pa              | 30 to 150                                                |                        |             |     |  |
| Sound pressure level*1     |              | Cooling                | HIGH            | dB (A)                                                   | 29                     |             | 32  |  |
|                            |              |                        | MED             |                                                          | 27                     |             | 29  |  |
|                            |              |                        | LOW             |                                                          | 25                     |             | 27  |  |
|                            |              |                        | QUIET           |                                                          | 23                     |             | 25  |  |
|                            |              | Heating                | HIGH            |                                                          | 29                     |             | 32  |  |
|                            |              |                        | MED             |                                                          | 27                     |             | 29  |  |
|                            |              |                        | LOW             |                                                          | 25                     |             | 27  |  |
|                            |              |                        | QUIET           |                                                          | 23                     |             | 25  |  |
| Sound power level          |              | Cooling                | HIGH            | dB (A)                                                   | 58                     |             | 59  |  |
|                            |              | Heating                |                 |                                                          | 58                     |             | 59  |  |
| Heat exchanger             |              | Dimensions (H × W × D) |                 | mm                                                       | 336 × 490 × 39.9       |             |     |  |
|                            |              | Fin pitch              |                 |                                                          | 1.4                    |             |     |  |
|                            |              | Rows × Stages          |                 |                                                          | 3 × 16                 |             |     |  |
|                            |              | Pipe type              |                 |                                                          | Copper tube            |             |     |  |
|                            |              | Fin type               |                 |                                                          | Aluminum               |             |     |  |
| Enclosure                  |              | Material               |                 | Steel sheet                                              |                        |             |     |  |
|                            |              | Color                  |                 | —                                                        |                        |             |     |  |
| Dimensions (H × W × D)     |              | Net                    |                 | mm                                                       | 240 × 700 × 700        |             |     |  |
|                            |              | Gross                  |                 |                                                          | 334 × 926 × 863        |             |     |  |
| Weight                     |              | Net                    |                 | kg                                                       | 24                     |             |     |  |
|                            |              | Gross                  |                 |                                                          | 29                     |             |     |  |
| Connection pipe            |              | Size                   | Liquid          | mm (in)                                                  | Ø6.35 (Ø1/4)           |             |     |  |
|                            |              |                        | Gas             |                                                          | Ø9.52 (Ø3/8)           |             |     |  |
|                            |              | Method                 |                 |                                                          | Flare                  |             |     |  |
| Drain port                 |              | Material               |                 | Polyvinyl chloride                                       |                        |             |     |  |
|                            |              | Tip diameter           |                 | mm                                                       | Ø26 (I.D.), Ø32 (O.D.) |             |     |  |
| Drain hose                 |              | Material               |                 | Polyvinyl chloride                                       |                        |             |     |  |
|                            |              | Tip diameter           |                 | mm                                                       | Ø25 (I.D.), Ø32 (O.D.) |             |     |  |
| Operation range            |              | Cooling                | °C              | 18 to 32                                                 |                        |             |     |  |
|                            |              |                        | %RH             | 80 or less                                               |                        |             |     |  |
|                            |              | Heating                | °C              | 16 to 30                                                 |                        |             |     |  |
| Remote controller (Option) |              |                        |                 | Wireless, Wired, Mobile app*2 [FGLair™, AIRSTAGE Mobile] |                        |             |     |  |

### NOTES:

- Values mentioned in the table are based on the following conditions:
  - Static pressure: 40 Pa
- The protective function might work when using it outside the operation range.
- \*1: Sound pressure level:
  - These are the measured values in the manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- \*2: Available on Google Play™ store or on App Store®. Optional WLAN Adapter is also required. For details, refer to the setting manual.

## 2-5. Wall mounted type

| Model name                                                                                                                                                  |                        |                        |          | ASEH07KMCG<br>ASEH07KMCG-B                           | ASEH09KMCG<br>ASEH09KMCG-B                                                                                                            | ASEH12KMCG<br>ASEH12KMCG-B | ASEH14KMCG<br>ASEH14KMCG-B                                                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|----------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------|--|
| Power supply                                                                                                                                                |                        |                        |          | 1Ø 230 V~ 50 Hz                                      |                                                                                                                                       |                            |                                                                              |  |
| Available voltage range                                                                                                                                     |                        |                        |          | 198—264 V                                            |                                                                                                                                       |                            |                                                                              |  |
| Capacity                                                                                                                                                    |                        |                        | kW class | 2.0                                                  | 2.5                                                                                                                                   | 3.5                        | 4.0                                                                          |  |
| Input power                                                                                                                                                 |                        |                        | W        | 23                                                   | 27                                                                                                                                    |                            | 33                                                                           |  |
| Running current                                                                                                                                             |                        |                        | A        | 0.20                                                 | 0.24                                                                                                                                  |                            | 0.30                                                                         |  |
| Fan                                                                                                                                                         | Airflow rate           | Cooling                | HIGH     | 650                                                  | 700                                                                                                                                   |                            | 770                                                                          |  |
|                                                                                                                                                             |                        |                        | MED      | 540                                                  | 560                                                                                                                                   |                            | 600                                                                          |  |
|                                                                                                                                                             |                        |                        | LOW      | 430                                                  |                                                                                                                                       |                            | 450                                                                          |  |
|                                                                                                                                                             |                        |                        | QUIET    | 320                                                  |                                                                                                                                       |                            | 310                                                                          |  |
|                                                                                                                                                             |                        | Heating                | HIGH     | 720                                                  | 750                                                                                                                                   | 780                        | 820                                                                          |  |
|                                                                                                                                                             |                        |                        | MED      | 580                                                  | 610                                                                                                                                   | 640                        | 660                                                                          |  |
|                                                                                                                                                             |                        |                        | LOW      | 460                                                  | 470                                                                                                                                   | 520                        |                                                                              |  |
|                                                                                                                                                             |                        |                        | QUIET    | 330                                                  |                                                                                                                                       |                            | 340                                                                          |  |
|                                                                                                                                                             |                        | Type × Qty             |          |                                                      | Crossflow fan × 1                                                                                                                     |                            |                                                                              |  |
|                                                                                                                                                             |                        | Motor output           |          |                                                      | W                                                                                                                                     | 27                         |                                                                              |  |
| Sound pressure level*1                                                                                                                                      |                        | Cooling                | HIGH     | 38                                                   | 40                                                                                                                                    |                            | 43                                                                           |  |
|                                                                                                                                                             |                        |                        | MED      | 33                                                   | 34                                                                                                                                    | 35                         | 36                                                                           |  |
|                                                                                                                                                             |                        |                        | LOW      | 29                                                   |                                                                                                                                       | 30                         |                                                                              |  |
|                                                                                                                                                             |                        |                        | QUIET    | 21                                                   |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             |                        | Heating                | HIGH     | 41                                                   | 42                                                                                                                                    |                            | 44                                                                           |  |
|                                                                                                                                                             |                        |                        | MED      | 35                                                   | 36                                                                                                                                    | 38                         | 39                                                                           |  |
|                                                                                                                                                             |                        |                        | LOW      | 31                                                   |                                                                                                                                       | 33                         |                                                                              |  |
|                                                                                                                                                             |                        |                        | QUIET    | 22                                                   |                                                                                                                                       |                            | 24                                                                           |  |
|                                                                                                                                                             |                        |                        |          |                                                      |                                                                                                                                       |                            |                                                                              |  |
| Sound power level                                                                                                                                           | Cooling                | dB (A)                 | 54       | 55                                                   |                                                                                                                                       | 57                         |                                                                              |  |
|                                                                                                                                                             | Heating                |                        | 56       | 57                                                   | 58                                                                                                                                    | 59                         |                                                                              |  |
| Heat exchanger type                                                                                                                                         | Dimensions (H × W × D) |                        | mm       | Main 1: 210 × 670 × 26.6<br>Main 2: 112 × 670 × 20.0 |                                                                                                                                       |                            | Main 1: 210 × 670 × 26.6<br>Main 2: 112 × 670 × 20.0<br>Sub: 84 × 670 × 13.3 |  |
|                                                                                                                                                             | Fin pitch              |                        |          | Main 1: 1.2<br>Main 2: 1.1                           |                                                                                                                                       |                            | Main 1: 1.2<br>Main 2: 1.1<br>Sub: 1.4                                       |  |
|                                                                                                                                                             | Rows × Stages          |                        |          | Main 1: 2 × 10<br>Main 2: 2 × 7                      |                                                                                                                                       |                            | Main 1: 2 × 10<br>Main 2: 2 × 7<br>Sub: 1 × 4                                |  |
|                                                                                                                                                             | Pipe type              |                        |          | Copper tube                                          |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             | Fin type               |                        |          | Aluminum                                             |                                                                                                                                       |                            |                                                                              |  |
| Enclosure                                                                                                                                                   | Material               |                        |          | Polystyrene                                          |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             | Color                  |                        |          |                                                      | KMCG: White + Pearl white (painted)<br>Approximate color of Munsell N 9.25/<br>KMCG-B: Soft black<br>Approximate color of Munsell N3/ |                            |                                                                              |  |
|                                                                                                                                                             |                        |                        |          |                                                      |                                                                                                                                       |                            |                                                                              |  |
| Dimensions (H × W × D)                                                                                                                                      | Net                    |                        | mm       | 270 × 834 × 222                                      |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             | Gross                  |                        |          | KMCG: 277 × 914 × 332<br>KMCG-B: 284 × 925 × 341     |                                                                                                                                       |                            |                                                                              |  |
| Weight                                                                                                                                                      | Net                    |                        | kg       | 10.0                                                 |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             | Gross                  |                        |          | KMCG: 12.5<br>KMCG-B: 13.5                           |                                                                                                                                       |                            | KMCG: 13.0<br>KMCG-B: 13.5                                                   |  |
| Connection pipe                                                                                                                                             | Size                   | Liquid                 | mm (in)  | Ø6.35 (Ø1/4)                                         |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             |                        | Gas                    |          | Ø9.52 (Ø3/8)                                         |                                                                                                                                       |                            |                                                                              |  |
| Drain hose                                                                                                                                                  | Method                 |                        |          | Flare                                                |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             | Material               |                        |          | Polypropylene + High-density polyethylene            |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             | Tip diameter           |                        |          | Ø13.8 (I.D.), Ø15.0 to Ø16.8 (O.D.)                  |                                                                                                                                       |                            |                                                                              |  |
| Operation range                                                                                                                                             | Cooling                | °C                     |          | 18 to 32                                             |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             |                        | %RH                    |          | 80 or less                                           |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             | Heating                | °C                     |          | 16 to 30                                             |                                                                                                                                       |                            |                                                                              |  |
|                                                                                                                                                             |                        | Remote controller type |          |                                                      | Wireless (Option: Wired, Mobile app*2 [AIRSTAGE Mobile])                                                                              |                            |                                                                              |  |
| NOTES:                                                                                                                                                      |                        |                        |          |                                                      |                                                                                                                                       |                            |                                                                              |  |
| • The protective function might work when using it outside the operation range.                                                                             |                        |                        |          |                                                      |                                                                                                                                       |                            |                                                                              |  |
| • *1: Sound pressure level:                                                                                                                                 |                        |                        |          |                                                      |                                                                                                                                       |                            |                                                                              |  |
| – These are the measured values in the manufacturer’s anechoic chamber.                                                                                     |                        |                        |          |                                                      |                                                                                                                                       |                            |                                                                              |  |
| – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. |                        |                        |          |                                                      |                                                                                                                                       |                            |                                                                              |  |
| • *2: Available on Google Play™ store or on App Store®.                                                                                                     |                        |                        |          |                                                      |                                                                                                                                       |                            |                                                                              |  |

| Model name                                                                                                                                                  |              |              |                        | ASEG07KETF<br>ASEG07KETF-B                               | ASEG09KETF<br>ASEG09KETF-B                                                        | ASEG12KETF<br>ASEG12KETF-B                           | ASEG14KETF<br>ASEG14KETF-B |                                                                              |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------|----------------------------|------------------------------------------------------------------------------|----|----|
| Power supply                                                                                                                                                |              |              |                        | 1Ø 230 V~ 50 Hz                                          |                                                                                   |                                                      |                            |                                                                              |    |    |
| Available voltage range                                                                                                                                     |              |              |                        | 198—264 V                                                |                                                                                   |                                                      |                            |                                                                              |    |    |
| Capacity                                                                                                                                                    |              |              | kW class               | 2.0                                                      | 2.5                                                                               | 3.5                                                  | 4.0                        |                                                                              |    |    |
| Input power                                                                                                                                                 |              |              | W                      | 23                                                       | 27                                                                                |                                                      | 33                         |                                                                              |    |    |
| Running current                                                                                                                                             |              |              | A                      | 0.20                                                     | 0.24                                                                              |                                                      | 0.30                       |                                                                              |    |    |
| Fan                                                                                                                                                         | Airflow rate | Cooling      | HIGH                   | m³/h                                                     | 650                                                                               | 700                                                  |                            | 770                                                                          |    |    |
|                                                                                                                                                             |              |              | MED                    |                                                          | 540                                                                               | 560                                                  |                            | 600                                                                          |    |    |
|                                                                                                                                                             |              |              | LOW                    |                                                          | 430                                                                               |                                                      |                            | 450                                                                          |    |    |
|                                                                                                                                                             |              |              | QUIET                  |                                                          | 270                                                                               |                                                      |                            | 280                                                                          |    |    |
|                                                                                                                                                             |              | Heating      | HIGH                   |                                                          | 720                                                                               | 750                                                  | 770                        | 800                                                                          |    |    |
|                                                                                                                                                             |              |              | MED                    |                                                          | 580                                                                               | 610                                                  | 640                        | 660                                                                          |    |    |
|                                                                                                                                                             |              |              | LOW                    |                                                          | 460                                                                               | 470                                                  | 520                        |                                                                              |    |    |
|                                                                                                                                                             |              |              | QUIET                  |                                                          | 330                                                                               |                                                      |                            | 340                                                                          |    |    |
|                                                                                                                                                             | Type × Qty   |              |                        | Crossflow fan × 1                                        |                                                                                   |                                                      |                            |                                                                              |    |    |
|                                                                                                                                                             | Motor output |              |                        | W                                                        | 30                                                                                |                                                      |                            | 49                                                                           |    |    |
| Sound pressure level*1                                                                                                                                      |              |              | Cooling                | dB (A)                                                   | 38                                                                                | 40                                                   |                            | 43                                                                           |    |    |
|                                                                                                                                                             |              |              |                        |                                                          | MED                                                                               | 33                                                   | 34                         | 35                                                                           | 36 |    |
|                                                                                                                                                             |              |              |                        |                                                          | LOW                                                                               | 29                                                   |                            | 30                                                                           |    |    |
|                                                                                                                                                             |              |              |                        |                                                          | QUIET                                                                             | 21                                                   |                            |                                                                              |    |    |
|                                                                                                                                                             |              |              |                        |                                                          | Heating                                                                           | HIGH                                                 | 41                         | 42                                                                           | 42 | 44 |
|                                                                                                                                                             |              |              |                        |                                                          |                                                                                   | MED                                                  | 35                         | 36                                                                           | 38 | 39 |
|                                                                                                                                                             |              |              |                        |                                                          |                                                                                   | LOW                                                  | 31                         |                                                                              | 33 |    |
|                                                                                                                                                             |              |              |                        |                                                          |                                                                                   | QUIET                                                | 22                         |                                                                              |    | 24 |
| Sound power level                                                                                                                                           |              | Cooling      | dB (A)                 | 54                                                       | 55                                                                                |                                                      | 57                         |                                                                              |    |    |
|                                                                                                                                                             |              | Heating      |                        | 56                                                       | 57                                                                                | 58                                                   | 59                         |                                                                              |    |    |
| Heat exchanger type                                                                                                                                         |              |              | Dimensions (H × W × D) |                                                          | mm                                                                                | Main 1: 210 × 670 × 26.6<br>Main 2: 112 × 670 × 20.0 |                            | Main 1: 210 × 670 × 26.6<br>Main 2: 112 × 670 × 20.0<br>Sub: 84 × 670 × 13.3 |    |    |
|                                                                                                                                                             |              |              | Fin pitch              |                                                          | mm                                                                                | Main 1: 1.2<br>Main 2: 1.1                           |                            | Main 1: 1.2<br>Main 2: 1.1<br>Sub: 1.4                                       |    |    |
|                                                                                                                                                             |              |              | Rows × Stages          |                                                          |                                                                                   | Main 1: 2 × 10<br>Main 2: 2 × 7                      |                            | Main 1: 2 × 10<br>Main 2: 2 × 7<br>Sub: 1 × 4                                |    |    |
|                                                                                                                                                             |              |              | Pipe type              |                                                          |                                                                                   | Copper tube                                          |                            |                                                                              |    |    |
|                                                                                                                                                             |              |              | Fin type               |                                                          |                                                                                   | Aluminum                                             |                            |                                                                              |    |    |
| Enclosure                                                                                                                                                   |              |              | Material               |                                                          |                                                                                   | Polystyrene                                          |                            |                                                                              |    |    |
|                                                                                                                                                             |              |              | Color                  |                                                          | KETF: White + Pearl white (painted)<br>Approximate color of Munsell N 9.25/       |                                                      |                            |                                                                              |    |    |
|                                                                                                                                                             |              |              |                        |                                                          | KETF-B: Dark Gray + Silver (painted)<br>Approximate color of Munsell 0.5P 3.5/0.2 |                                                      |                            |                                                                              |    |    |
| Dimensions (H × W × D)                                                                                                                                      |              | Net          | mm                     | 295 × 950 × 230                                          |                                                                                   |                                                      |                            |                                                                              |    |    |
|                                                                                                                                                             |              | Gross        |                        | 284 × 1,027 × 357                                        |                                                                                   |                                                      |                            |                                                                              |    |    |
| Weight                                                                                                                                                      |              | Net          | kg                     | 11.0                                                     |                                                                                   |                                                      | 11.5                       |                                                                              |    |    |
|                                                                                                                                                             |              | Gross        |                        | 14.5                                                     |                                                                                   |                                                      | 15.0                       |                                                                              |    |    |
| Connection pipe                                                                                                                                             |              | Size         | Liquid                 | mm (in)                                                  | Ø6.35 (Ø1/4)                                                                      |                                                      |                            |                                                                              |    |    |
|                                                                                                                                                             |              |              | Gas                    |                                                          | Ø9.52 (Ø3/8)                                                                      |                                                      |                            |                                                                              |    |    |
|                                                                                                                                                             |              | Method       |                        |                                                          |                                                                                   | Flare                                                |                            |                                                                              |    |    |
| Drain hose                                                                                                                                                  |              | Material     |                        |                                                          | Polypropylene + High-density polyethylene                                         |                                                      |                            |                                                                              |    |    |
|                                                                                                                                                             |              | Tip diameter |                        | mm                                                       | Ø13.8 (I.D.), Ø15.0 to Ø16.8 (O.D.)                                               |                                                      |                            |                                                                              |    |    |
| Operation range                                                                                                                                             |              |              | Cooling                | °C                                                       | 18 to 32                                                                          |                                                      |                            |                                                                              |    |    |
|                                                                                                                                                             |              |              |                        | %RH                                                      | 80 or less                                                                        |                                                      |                            |                                                                              |    |    |
|                                                                                                                                                             |              |              | Heating                | °C                                                       | 16 to 30                                                                          |                                                      |                            |                                                                              |    |    |
| Remote controller type                                                                                                                                      |              |              |                        | Wireless (Option: Wired, Mobile app*2 [AIRSTAGE Mobile]) |                                                                                   |                                                      |                            |                                                                              |    |    |
| <b>NOTES:</b>                                                                                                                                               |              |              |                        |                                                          |                                                                                   |                                                      |                            |                                                                              |    |    |
| • The protective function might work when using it outside the operation range.                                                                             |              |              |                        |                                                          |                                                                                   |                                                      |                            |                                                                              |    |    |
| • *1: Sound pressure level:                                                                                                                                 |              |              |                        |                                                          |                                                                                   |                                                      |                            |                                                                              |    |    |
| – These are the measured values in the manufacturer's anechoic chamber.                                                                                     |              |              |                        |                                                          |                                                                                   |                                                      |                            |                                                                              |    |    |
| – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. |              |              |                        |                                                          |                                                                                   |                                                      |                            |                                                                              |    |    |
| • *2: Available on Google Play™ store or on App Store®.                                                                                                     |              |              |                        |                                                          |                                                                                   |                                                      |                            |                                                                              |    |    |

| Model name              |              |                                                          |              | ASEH07KGTG                                                            |                 | ASEH09KGTG                                           |     | ASEH12KGTG                                    |      | ASEH14KGTG                                                                   |     |     |  |  |
|-------------------------|--------------|----------------------------------------------------------|--------------|-----------------------------------------------------------------------|-----------------|------------------------------------------------------|-----|-----------------------------------------------|------|------------------------------------------------------------------------------|-----|-----|--|--|
| Power supply            |              |                                                          |              | 1Ø 230 V~ 50 Hz                                                       |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
| Available voltage range |              |                                                          |              | 198—264 V                                                             |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
| Capacity                |              |                                                          |              | kW class                                                              |                 | 2.0                                                  |     | 2.5                                           |      | 3.5                                                                          |     | 4.0 |  |  |
| Input power             |              |                                                          |              | W                                                                     |                 | 23                                                   |     | 27                                            |      | 33                                                                           |     |     |  |  |
| Running current         |              |                                                          |              | A                                                                     |                 | 0.20                                                 |     | 0.24                                          |      | 0.29                                                                         |     |     |  |  |
| Fan                     | Airflow rate | Cooling                                                  | HIGH         | m³/h                                                                  | 650             |                                                      | 700 |                                               | 770  |                                                                              |     |     |  |  |
|                         |              |                                                          | MED          |                                                                       | 540             |                                                      | 560 |                                               | 600  |                                                                              |     |     |  |  |
|                         |              |                                                          | LOW          |                                                                       | 430             |                                                      |     |                                               |      |                                                                              | 450 |     |  |  |
|                         |              |                                                          | QUIET        |                                                                       | 270             |                                                      |     |                                               |      |                                                                              | 280 |     |  |  |
|                         |              | Heating                                                  | HIGH         |                                                                       | 720             |                                                      | 750 |                                               | 770  |                                                                              | 800 |     |  |  |
|                         |              |                                                          | MED          |                                                                       | 580             |                                                      | 610 |                                               | 640  |                                                                              | 660 |     |  |  |
|                         |              |                                                          | LOW          |                                                                       | 460             |                                                      | 470 |                                               | 520  |                                                                              |     |     |  |  |
|                         |              |                                                          | QUIET        |                                                                       | 330             |                                                      |     |                                               |      |                                                                              | 340 |     |  |  |
|                         |              |                                                          | Type × Qty   |                                                                       |                 | Crossflow fan × 1                                    |     |                                               |      |                                                                              |     |     |  |  |
|                         |              |                                                          | Motor output |                                                                       |                 | W                                                    |     | 30                                            |      | 49                                                                           |     |     |  |  |
| Sound pressure level*1  | Cooling      | HIGH                                                     | dB (A)       | 38                                                                    |                 | 40                                                   |     | 43                                            |      |                                                                              |     |     |  |  |
|                         |              | MED                                                      |              | 33                                                                    |                 | 34                                                   |     | 35                                            |      | 36                                                                           |     |     |  |  |
|                         |              | LOW                                                      |              | 29                                                                    |                 |                                                      |     |                                               |      | 30                                                                           |     |     |  |  |
|                         |              | QUIET                                                    |              | 21                                                                    |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
|                         | Heating      | HIGH                                                     |              | 41                                                                    |                 | 42                                                   |     | 44                                            |      |                                                                              |     |     |  |  |
|                         |              | MED                                                      |              | 35                                                                    |                 | 36                                                   |     | 38                                            |      | 39                                                                           |     |     |  |  |
|                         |              | LOW                                                      |              | 31                                                                    |                 | 33                                                   |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | QUIET                                                    |              | 22                                                                    |                 |                                                      |     |                                               |      | 24                                                                           |     |     |  |  |
| Sound power level       |              | Cooling                                                  |              | dB (A)                                                                | 54              |                                                      | 55  |                                               | 56   |                                                                              | 57  |     |  |  |
|                         |              | Heating                                                  |              |                                                                       | 56              |                                                      | 57  |                                               | 58   |                                                                              | 59  |     |  |  |
| Heat exchanger type     |              | Dimensions (H × W × D)                                   |              | mm                                                                    |                 | Main 1: 210 × 670 × 26.6<br>Main 2: 112 × 670 × 20.0 |     |                                               |      | Main 1: 210 × 670 × 26.6<br>Main 2: 112 × 670 × 20.0<br>Sub: 84 × 670 × 13.3 |     |     |  |  |
|                         |              | Fin pitch                                                |              | mm                                                                    |                 | Main 1: 1.2<br>Main 2: 1.1                           |     |                                               |      | Main 1: 1.2<br>Main 2: 1.1<br>Sub: 1.4                                       |     |     |  |  |
|                         |              | Rows × Stages                                            |              | Main 1: 2 × 10<br>Main 2: 2 × 7                                       |                 |                                                      |     | Main 1: 2 × 10<br>Main 2: 2 × 7<br>Sub: 1 × 4 |      |                                                                              |     |     |  |  |
|                         |              | Pipe type                                                |              | Copper tube                                                           |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | Fin type                                                 |              | Aluminum                                                              |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
| Enclosure               |              | Material                                                 |              | Polystyrene                                                           |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | Color                                                    |              | White + Pearl white (painted)<br>Approximate color of Munsell N 9.25/ |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
| Dimensions (H × W × D)  |              | Net                                                      |              | mm                                                                    | 270 × 834 × 215 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | Gross                                                    |              |                                                                       | 277 × 914 × 332 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
| Weight                  |              | Net                                                      |              | kg                                                                    | 10.0            |                                                      |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | Gross                                                    |              |                                                                       | 12.5            |                                                      |     |                                               | 13.0 |                                                                              |     |     |  |  |
| Connection pipe         |              | Size                                                     |              | mm (in)                                                               | Ø6.35 (Ø1/4)    |                                                      |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | Liquid<br>Gas                                            |              |                                                                       | Ø9.52 (Ø3/8)    |                                                      |     |                                               |      |                                                                              |     |     |  |  |
| Drain hose              |              | Method                                                   |              | Flare                                                                 |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | Material                                                 |              | Polypropylene + High-density polyethylene                             |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
| Operation range         |              | Tip diameter                                             |              | mm                                                                    |                 | Ø13.8 (I.D.), Ø15.0 to Ø16.8 (O.D.)                  |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | Cooling                                                  |              | °C                                                                    |                 | 18 to 32                                             |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | %RH                                                      |              | 80 or less                                                            |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |
| Remote controller type  |              | Heating                                                  |              | °C                                                                    |                 | 16 to 30                                             |     |                                               |      |                                                                              |     |     |  |  |
|                         |              | Wireless (Option: Wired, Mobile app*2 [AIRSTAGE Mobile]) |              |                                                                       |                 |                                                      |     |                                               |      |                                                                              |     |     |  |  |

**NOTES:**

- The protective function might work when using it outside the operation range.
- \*1: Sound pressure level:
  - These are the measured values in the manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- \*2: Available on Google Play™ store or on App Store®.

| Model name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |         |          | ASEH05KNCA                                                            | ASEH07KNCA | ASEH09KNCA | ASEH12KNCA |     |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------|----------|-----------------------------------------------------------------------|------------|------------|------------|-----|----|
| Power supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |         |          | 1Ø 230 V~ 50 Hz                                                       |            |            |            |     |    |
| Available voltage range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |         |          | 198—264 V                                                             |            |            |            |     |    |
| Capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |         | kW class | 1.5                                                                   | 2.0        | 2.5        | 3.5        |     |    |
| Input power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |         | W        | 12                                                                    | 13         | 21         | 22         |     |    |
| Running current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | A        | 0.11                                                                  | 0.12       | 0.19       | 0.20       |     |    |
| Fan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Airflow rate           | Cooling | HIGH     | m³/h                                                                  | 500        | 530        | 640        | 660 |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | MED      |                                                                       | 450        | 460        | 500        | 520 |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | LOW      |                                                                       | 390        |            | 440        |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | QUIET    |                                                                       | 250        |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | Heating | HIGH     |                                                                       | 500        | 530        | 640        | 660 |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | MED      |                                                                       | 450        | 460        | 500        | 520 |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | LOW      |                                                                       | 420        |            | 440        |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | QUIET    |                                                                       | 280        |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Type × Qty             |         |          | Crossflow fan × 1                                                     |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Motor output           |         |          | W                                                                     |            |            |            |     |    |
| Sound pressure level*1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        | Cooling | HIGH     | dB (A)                                                                | 34         | 36         | 41         | 42  |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | MED      |                                                                       | 33         |            | 35         |     | 36 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | LOW      |                                                                       | 29         |            | 32         |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | QUIET    |                                                                       | 21         |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | Heating | HIGH     |                                                                       | 34         | 36         | 41         | 42  |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | MED      |                                                                       | 32         | 33         | 34         | 35  |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | LOW      |                                                                       | 30         |            | 31         |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         | QUIET    |                                                                       | 22         |            |            |     |    |
| Sound power level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        | Cooling | dB (A)   | 50                                                                    | 51         | 56         | 57         |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | Heating |          | 50                                                                    | 51         | 56         | 57         |     |    |
| Heat exchanger type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dimensions (H × W × D) |         | mm       | Main 1: 210 × 600 × 26.6<br>Main 2: 112 × 600 × 20.0                  |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Fin pitch              |         | mm       | Main 1: 1.2<br>Main 2: 1.1                                            |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Rows × Stages          |         |          | Main 1: 2 × 10<br>Main 2: 2 × 7                                       |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Pipe type              |         |          | Copper tube                                                           |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Fin type               |         |          | Aluminum                                                              |            |            |            |     |    |
| Enclosure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Material               |         |          | Polystyrene                                                           |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Color                  |         |          | White + Pearl white (painted)<br>Approximate color of Munsell N 9.25/ |            |            |            |     |    |
| Dimensions (H × W × D)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Net                    |         | mm       | 270 × 784 × 222                                                       |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Gross                  |         |          | 279 × 864 × 334                                                       |            |            |            |     |    |
| Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Net                    |         | kg       | 9.0                                                                   |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Gross                  |         |          | 12.0                                                                  |            |            |            |     |    |
| Connection pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Size                   | Liquid  | mm (in)  | Ø6.35 (Ø1/4)                                                          |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | Gas     |          | Ø9.52 (Ø3/8)                                                          |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Method                 |         |          | Flare                                                                 |            |            |            |     |    |
| Drain hose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Material               |         |          | Polypropylene + High-density polyethylene                             |            |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tip diameter           |         |          | Ø13.8 (I.D.), Ø15.0 to Ø16.8 (O.D.)                                   |            |            |            |     |    |
| Operation range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cooling                |         |          | °C                                                                    | 18 to 32   |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |         |          | %RH                                                                   | 80 or less |            |            |     |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Heating                |         |          | °C                                                                    | 16 to 30   |            |            |     |    |
| Remote controller type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |         |          | Wireless (Option: Mobile app*2 [AIRSTAGE Mobile])                     |            |            |            |     |    |
| <b>NOTES:</b> <ul style="list-style-type: none"><li>The protective function might work when using it outside the operation range.</li><li>*1: Sound pressure level:<ul style="list-style-type: none"><li>These are the measured values in the manufacturer's anechoic chamber.</li><li>Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.</li></ul></li><li>*2: Available on Google Play™ store or on App Store®.</li></ul> |                        |         |          |                                                                       |            |            |            |     |    |

## 2-6. Floor type

| Model name                                                                                                                                                  |              |         |                        | AGEG09KVCA                                       |                                                 | AGEG12KVCA                          |      | AGEG14KVCA |    |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|------------------------|--------------------------------------------------|-------------------------------------------------|-------------------------------------|------|------------|----|--|
| Power supply                                                                                                                                                |              |         |                        | 230 V~ 50 Hz                                     |                                                 |                                     |      |            |    |  |
| Available voltage range                                                                                                                                     |              |         |                        | 198—264 V                                        |                                                 |                                     |      |            |    |  |
| Capacity                                                                                                                                                    |              |         | kW class               | 2.5                                              | 3.5                                             |                                     | 4.0  |            |    |  |
| Input power                                                                                                                                                 |              |         | W                      | 16                                               | 20                                              |                                     | 23   |            |    |  |
| Running current                                                                                                                                             |              |         | A                      | 0.15                                             | 0.18                                            |                                     | 0.20 |            |    |  |
| Fan                                                                                                                                                         | Airflow rate | Cooling | HIGH                   | m³/h                                             | 530                                             | 600                                 |      | 650        |    |  |
|                                                                                                                                                             |              |         | MED                    |                                                  | 440                                             | 490                                 |      | 520        |    |  |
|                                                                                                                                                             |              |         | LOW                    |                                                  | 360                                             | 380                                 |      | 400        |    |  |
|                                                                                                                                                             |              |         | QUIET                  |                                                  | 270                                             |                                     |      |            |    |  |
|                                                                                                                                                             |              | Heating | HIGH                   |                                                  | 530                                             | 600                                 |      | 650        |    |  |
|                                                                                                                                                             |              |         | MED                    |                                                  | 460                                             | 510                                 |      | 540        |    |  |
|                                                                                                                                                             |              |         | LOW                    |                                                  | 380                                             | 410                                 |      | 430        |    |  |
|                                                                                                                                                             |              |         | QUIET                  |                                                  | 270                                             |                                     |      |            |    |  |
|                                                                                                                                                             | Type × Qty   |         | Crossflow fan × 2      |                                                  |                                                 |                                     |      |            |    |  |
|                                                                                                                                                             | Motor output |         | W                      | 16 × 2                                           |                                                 |                                     |      |            |    |  |
| Sound pressure level*1                                                                                                                                      |              |         | Cooling                | HIGH                                             | dB (A)                                          | 39                                  | 42   |            | 44 |  |
|                                                                                                                                                             |              |         |                        | MED                                              |                                                 | 34                                  | 36   |            | 38 |  |
|                                                                                                                                                             |              |         |                        | LOW                                              |                                                 | 28                                  | 30   |            | 31 |  |
|                                                                                                                                                             |              |         |                        | QUIET                                            |                                                 | 22                                  |      |            |    |  |
|                                                                                                                                                             |              |         | Heating                | HIGH                                             |                                                 | 39                                  | 42   |            | 44 |  |
|                                                                                                                                                             |              |         |                        | MED                                              |                                                 | 35                                  | 38   |            | 39 |  |
|                                                                                                                                                             |              |         |                        | LOW                                              |                                                 | 30                                  | 32   |            | 33 |  |
|                                                                                                                                                             |              |         |                        | QUIET                                            |                                                 | 22                                  |      |            |    |  |
| Sound power level                                                                                                                                           |              | Cooling | dB (A)                 | 52                                               | 55                                              |                                     | 56   |            |    |  |
|                                                                                                                                                             |              | Heating |                        | 52                                               | 55                                              |                                     | 56   |            |    |  |
| Heat exchanger type                                                                                                                                         |              |         | Dimensions (H × W × D) |                                                  | mm                                              | 378 × 550 × 26.6                    |      |            |    |  |
|                                                                                                                                                             |              |         | Fin pitch              |                                                  |                                                 | 1.2                                 |      |            |    |  |
|                                                                                                                                                             |              |         | Rows × Stages          |                                                  | 2 × 18                                          |                                     |      |            |    |  |
|                                                                                                                                                             |              |         | Pipe type              |                                                  | Copper tube                                     |                                     |      |            |    |  |
|                                                                                                                                                             |              |         | Fin type               |                                                  | Aluminum                                        |                                     |      |            |    |  |
| Enclosure                                                                                                                                                   |              |         | Material               |                                                  | Polystyrene                                     |                                     |      |            |    |  |
|                                                                                                                                                             |              |         | Color                  |                                                  | White<br>Approximate color of Munsell N 9.25/   |                                     |      |            |    |  |
| Dimensions (H × W × D)                                                                                                                                      |              |         | Net                    | mm                                               | 600 × 740 × 200                                 |                                     |      |            |    |  |
|                                                                                                                                                             |              |         | Gross                  |                                                  | 700 × 820 × 310                                 |                                     |      |            |    |  |
| Weight                                                                                                                                                      |              |         | Net                    | kg                                               | 14                                              |                                     |      |            |    |  |
|                                                                                                                                                             |              |         | Gross                  |                                                  | 18                                              |                                     |      |            |    |  |
| Connection pipe                                                                                                                                             |              |         | Size                   | Liquid                                           | mm (in)                                         | Ø6.35 (Ø1/4)                        |      |            |    |  |
|                                                                                                                                                             |              |         |                        | Gas                                              |                                                 | Ø9.52 (Ø3/8)                        |      |            |    |  |
|                                                                                                                                                             |              |         | Method                 |                                                  |                                                 | Flare                               |      |            |    |  |
| Drain hose                                                                                                                                                  |              |         | Material               |                                                  | Polypropylene + Linear low-density polyethylene |                                     |      |            |    |  |
|                                                                                                                                                             |              |         | Tip diameter           |                                                  | mm                                              | Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.) |      |            |    |  |
| Operation range                                                                                                                                             |              |         | Cooling                | °C                                               | 18 to 32                                        |                                     |      |            |    |  |
|                                                                                                                                                             |              |         |                        | %RH                                              | 80 or less                                      |                                     |      |            |    |  |
| Remote controller type                                                                                                                                      |              |         | Heating                | °C                                               | 30 or less                                      |                                     |      |            |    |  |
|                                                                                                                                                             |              |         |                        | Wireless (Option: Wired, Mobile app*2 [FGLair™]) |                                                 |                                     |      |            |    |  |
| NOTES:                                                                                                                                                      |              |         |                        |                                                  |                                                 |                                     |      |            |    |  |
| • The protective function might work when using it outside the operation range.                                                                             |              |         |                        |                                                  |                                                 |                                     |      |            |    |  |
| • *1: Sound pressure level:                                                                                                                                 |              |         |                        |                                                  |                                                 |                                     |      |            |    |  |
| – These are the measured values in the manufacturer's anechoic chamber.                                                                                     |              |         |                        |                                                  |                                                 |                                     |      |            |    |  |
| – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. |              |         |                        |                                                  |                                                 |                                     |      |            |    |  |
| • *2: Available on Google Play™ store or on App Store®. Optional WLAN Adapter is also required. For details, refer to the setting manual.                   |              |         |                        |                                                  |                                                 |                                     |      |            |    |  |

### 3. Wireless LAN control (for KMCG, KMCG-B, KETF, KETF-B, KGTG, and KNCA)

By installing mobile app on a smart device, several functions can be controlled from outside the house.

#### 3-1. System requirement

Before using this function, prepare the following items:

- **Wireless router:**

|                           |                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wireless LAN standard     | IEEE802.11b/g/n                                                                                                                                                      |
| Frequency bands*          | <ul style="list-style-type: none"> <li>• U.S.A., Canada: 2.4 GHz (1ch—11ch)</li> <li>• Other countries: 2.4 GHz (1ch—13ch)</li> </ul>                                |
| Network security standard | <ul style="list-style-type: none"> <li>• Open</li> <li>• WEP</li> <li>• WPA (PSK)</li> <li>• WPA2 Personal (PSK)</li> <li>• WPS for same-LAN registration</li> </ul> |

\*: Usable only in the country or region where you purchased the product.

To check whether your wireless router complies with the network security standards listed above, refer to the operation manual.

- **Smartphone:**

|                                |          |                                                                             |
|--------------------------------|----------|-----------------------------------------------------------------------------|
| App-compliant operating system | iOS      | Check the latest version of supported OS at Google Play store or App Store. |
|                                | Android™ |                                                                             |

- **AIRSTAGE Mobile (mobile application):**

Mobile app is available on Google Play store or on App Store.

After installation of mobile app, user registration is required. For user registration and setup information, refer to Setting Manual attached with the product.

For the latest version of the wireless LAN control manuals, refer to the following web site.

<https://www.fujitsu-general.com/global/support/>

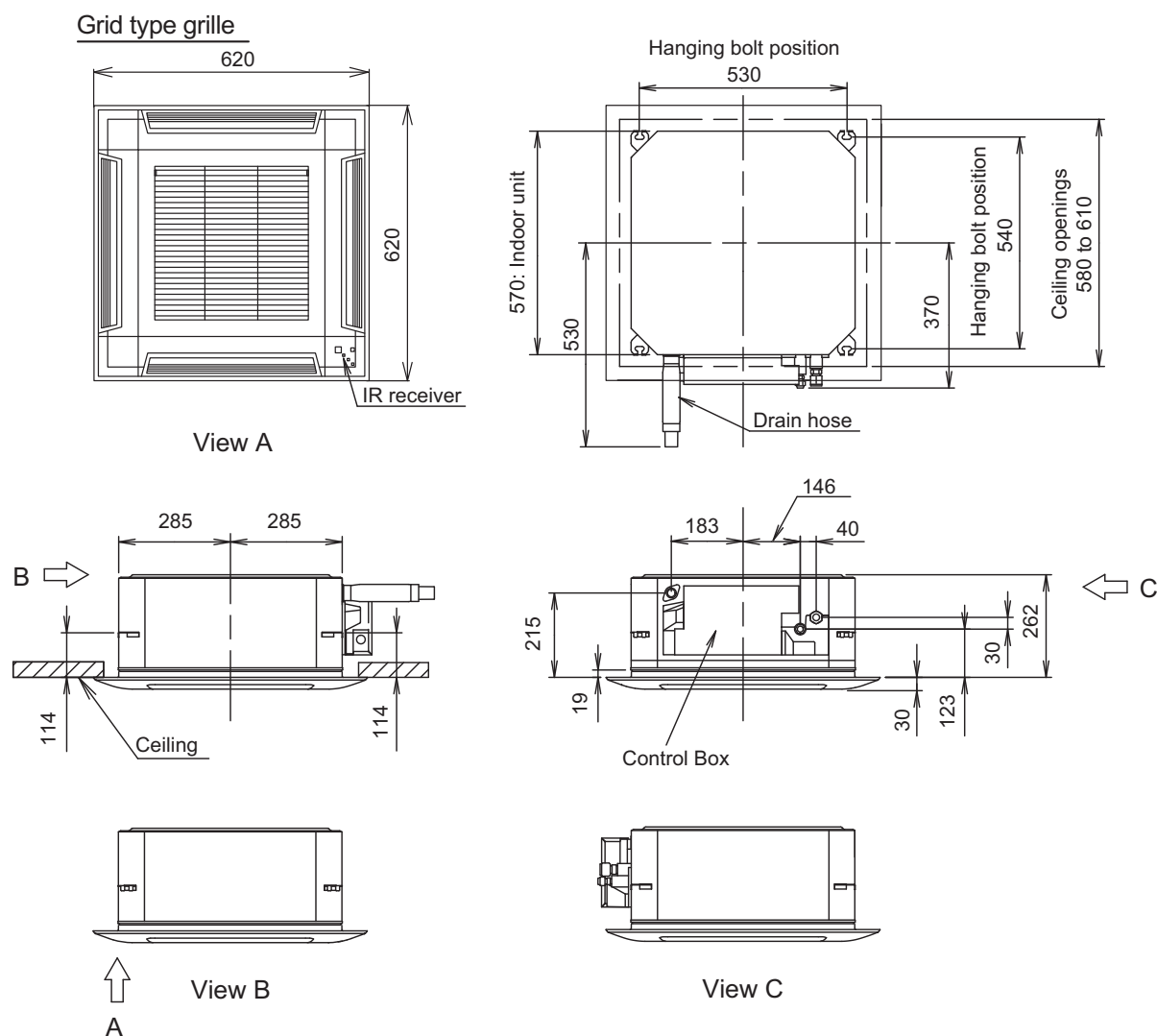


## 4. Dimensions

### 4-1. Compact cassette type

#### ■ Models: AUXG07-14KVLA

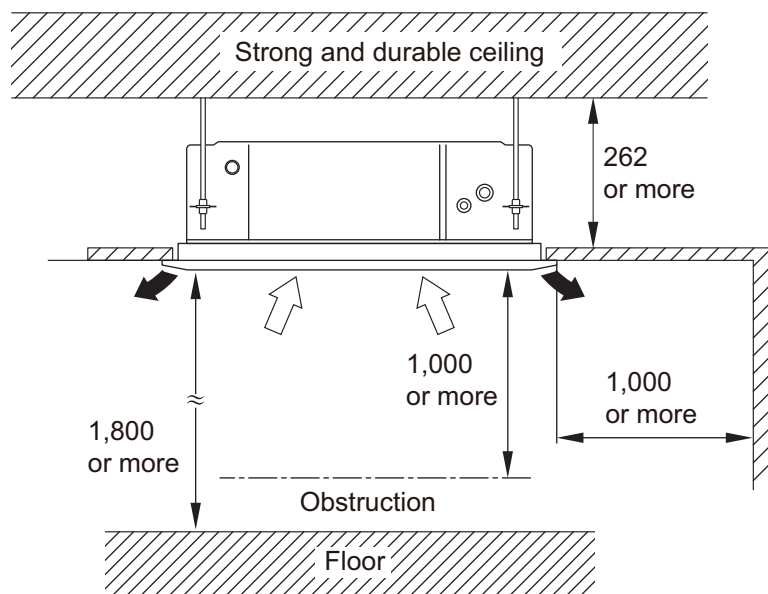
Unit: mm



## ● Installation space requirement

Provide enough clearance for product safety.

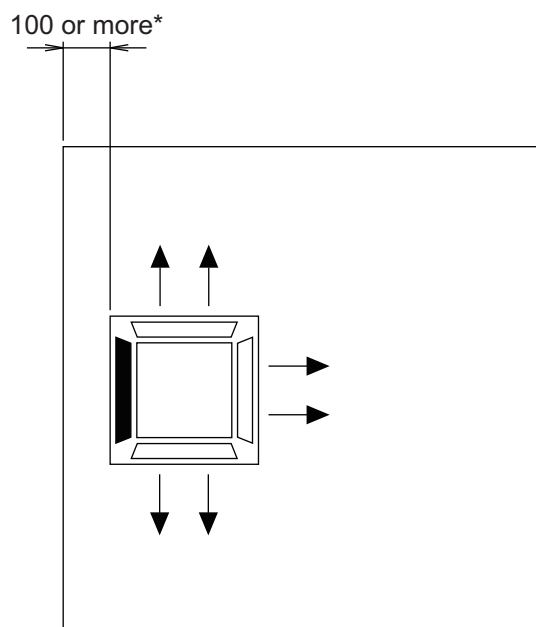
Unit: mm



| Maximum height from floor to ceiling (Unit: mm) |                  |                     |
|-------------------------------------------------|------------------|---------------------|
|                                                 | 07 and 09 models | 12 or larger models |
| Standard                                        | 2,700            |                     |
| High ceiling                                    | —                | 3,000               |

## ● 3-way direction setting

Unit: mm



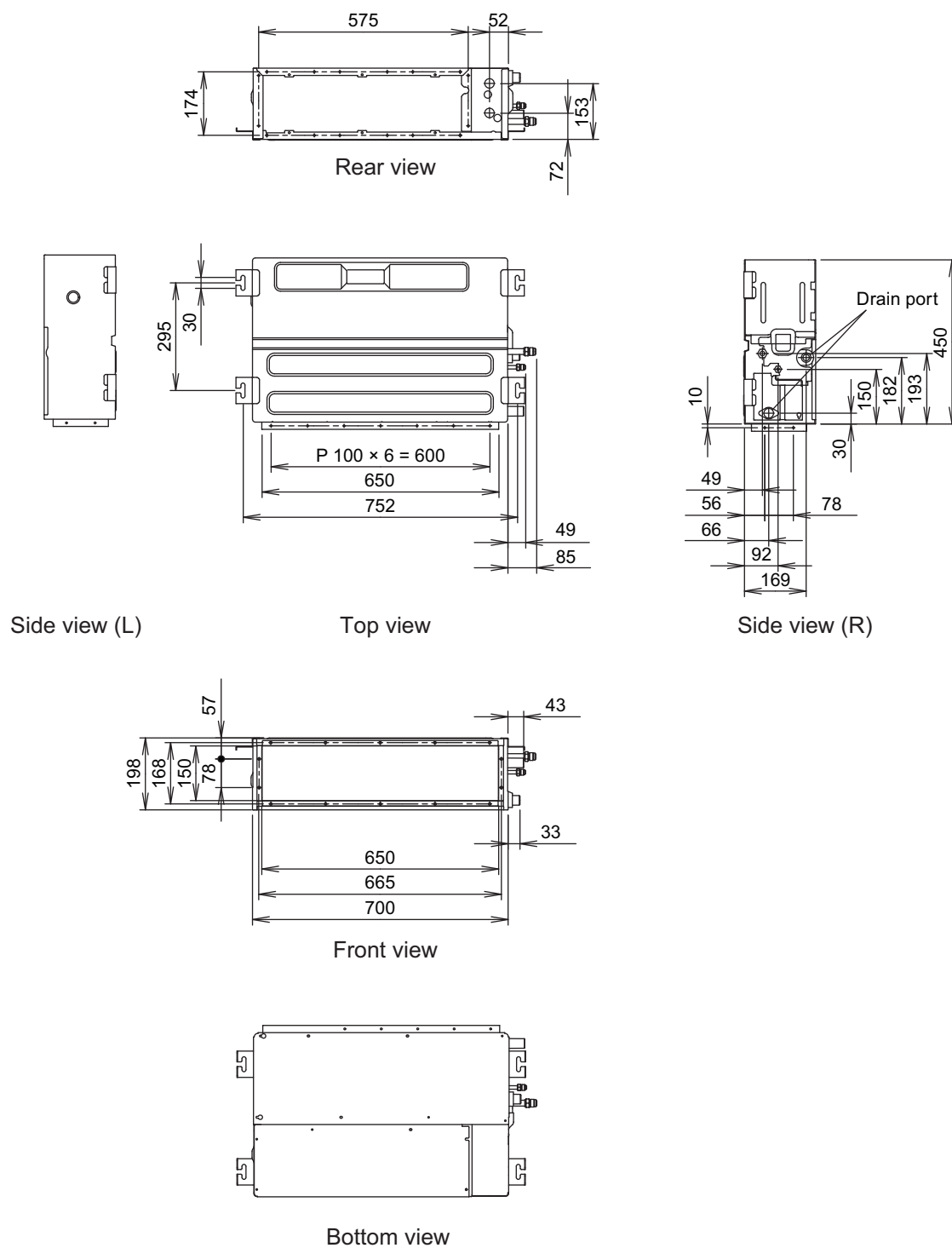
### NOTES:

- To set "3-direction", optional Air Outlet Shutter Plate (UTR-YDZB) must be installed, and the "outlet-direction" need to be switched to "3-way" by remote controller.  
\*When installing the indoor unit, be careful about the maintenance space.
- In 3-way outlet mode, changing of ceiling height setting by function setting 20 is prohibited. (Ceiling height setting [function setting 20] is allowed to be changed only in 4-way outlet mode.)

## 4-2. Mini duct type

### ■ Models: ARXG07-14KSLAP

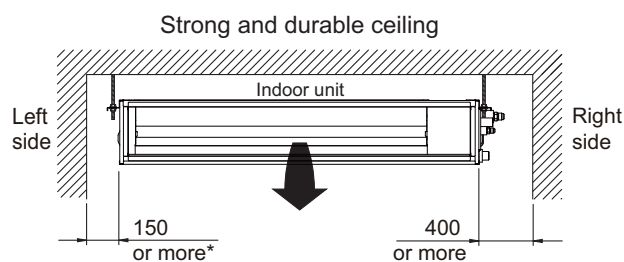
Unit: mm



## ● Installation space requirement

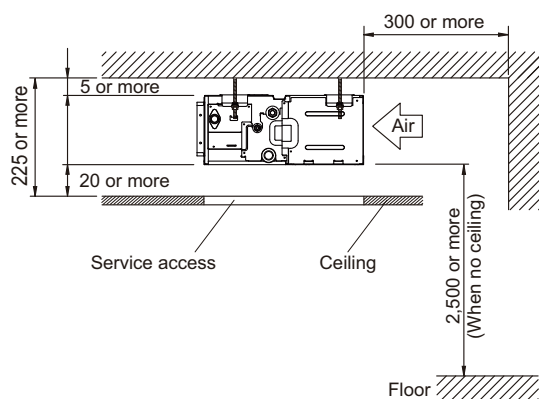
Provide sufficient installation space for product safety.

Unit: mm

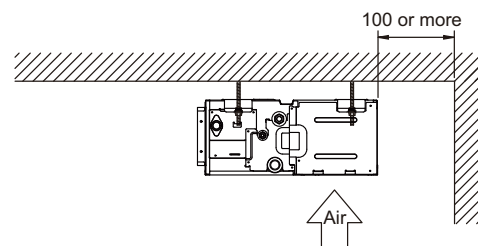


\*: 400 or more when drain from drain pipe

### • When intaking air from back:



### • When intaking air from bottom:

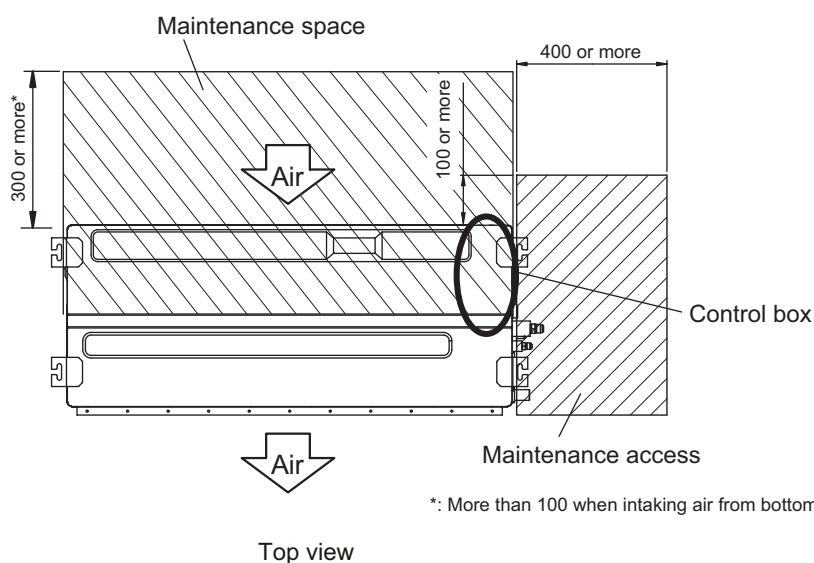


## ● Maintenance space requirement

Provide enough clearance for efficient maintenance.

**NOTE:** Do not place wiring or illumination in the maintenance space, as they impede maintenance work.

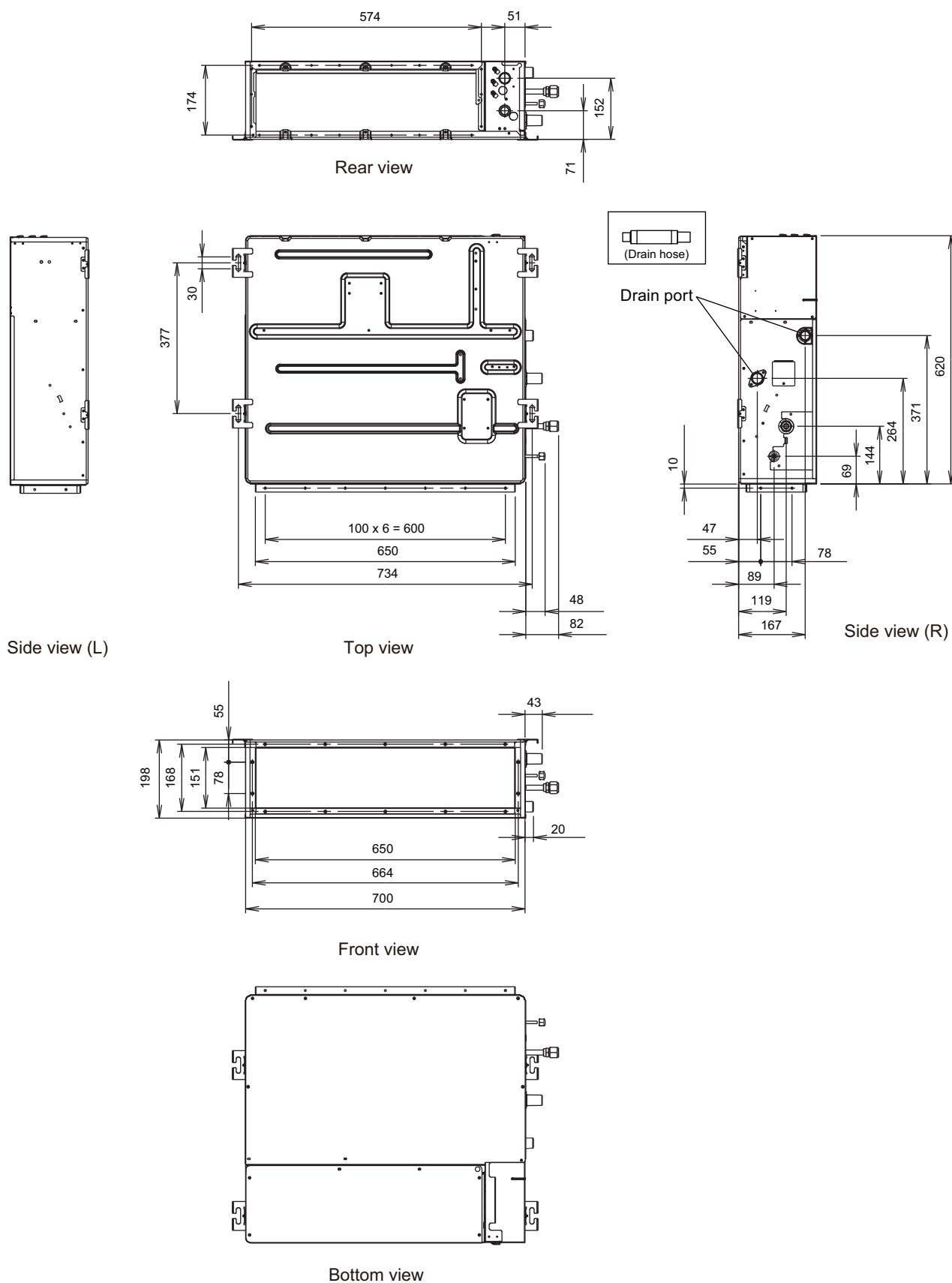
Unit: mm



## 4-3. Slim duct type

### ■ Models: ARXG07-14KLLAP

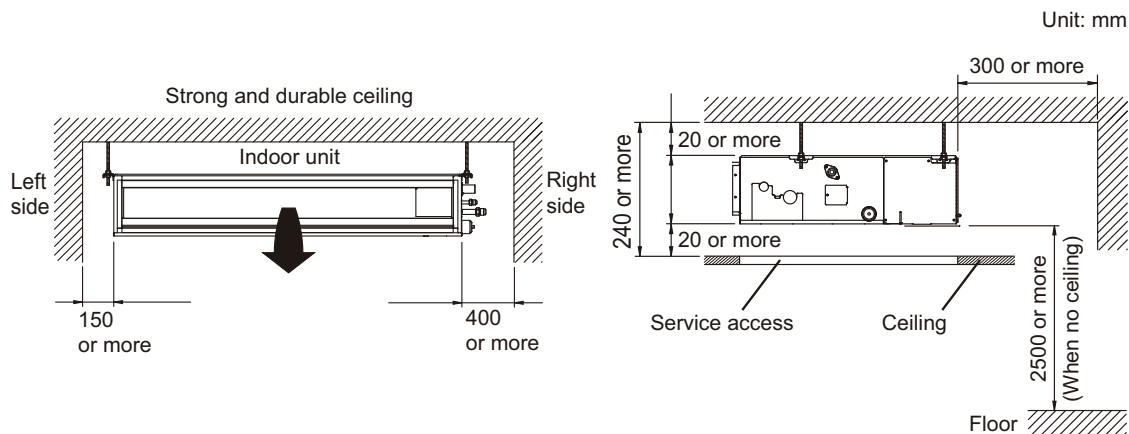
Unit: mm



## ● Installation space requirement

Provide sufficient installation space for product safety.

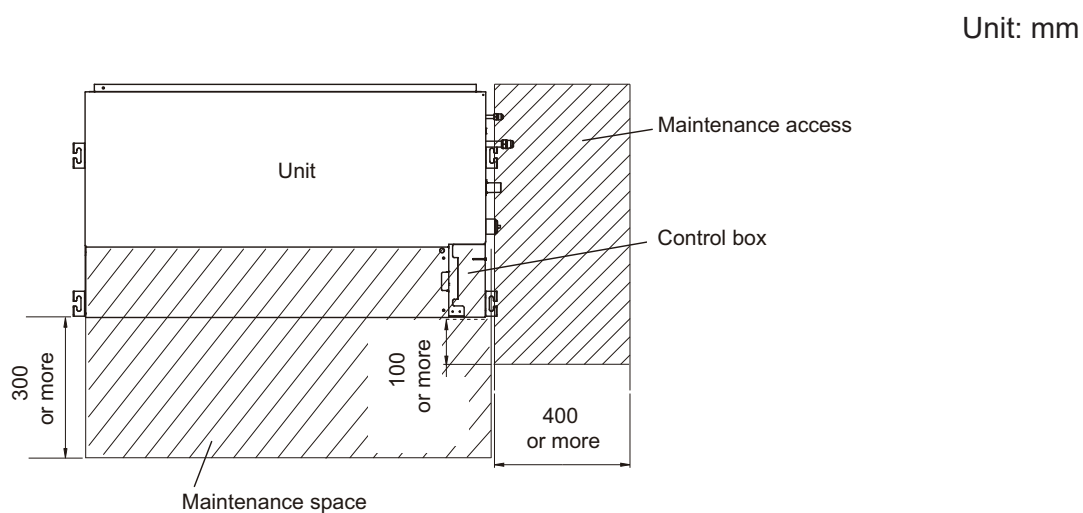
**In ceiling-concealed installations:**



## ● Maintenance space requirement

Provide enough clearance for efficient maintenance.

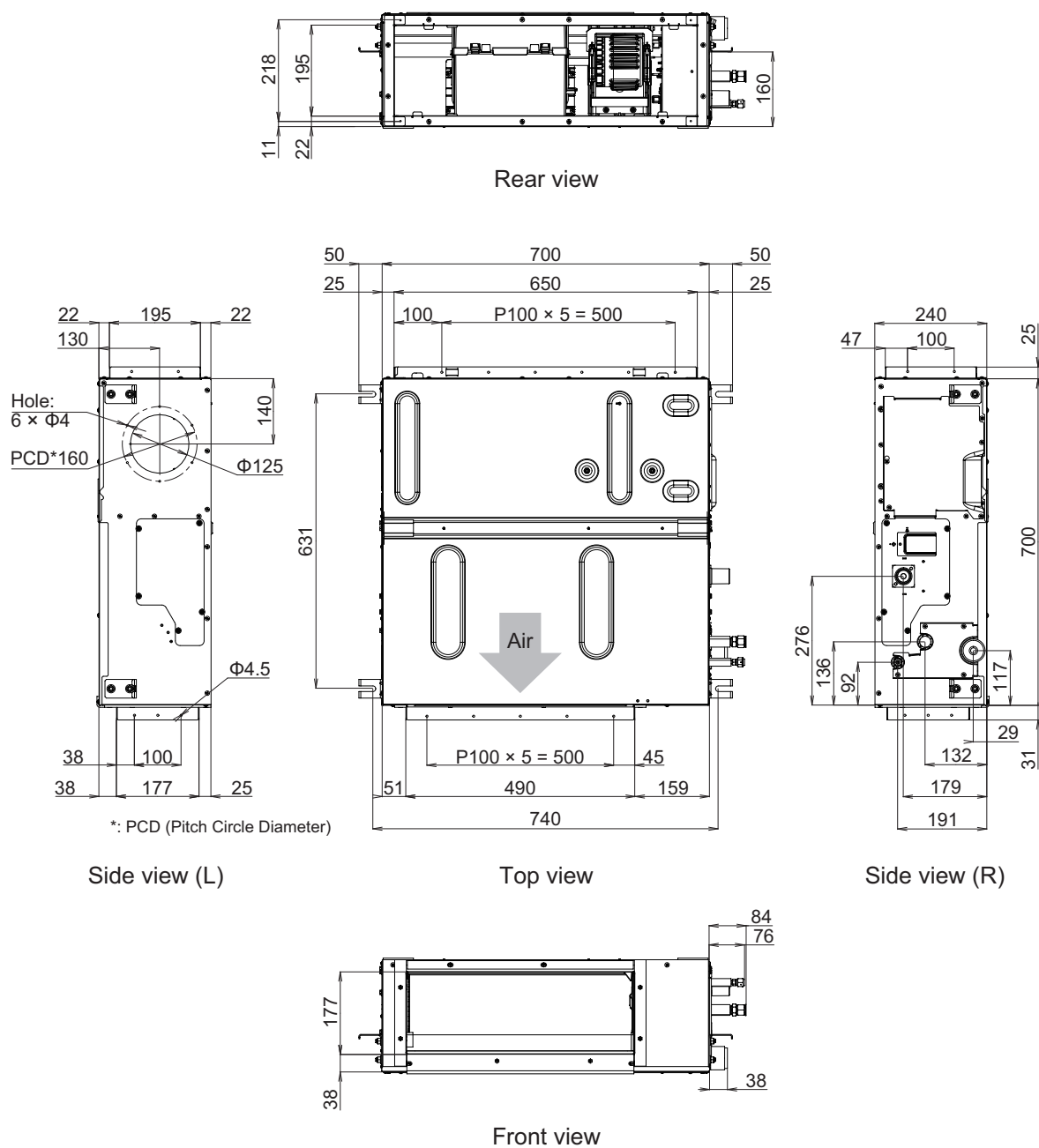
**NOTE:** Do not place wiring or illumination in the maintenance space, as they impede maintenance work.



## 4-4. Medium static pressure duct type

### ■ Models: ARXH12-14KMTAP

Unit: mm

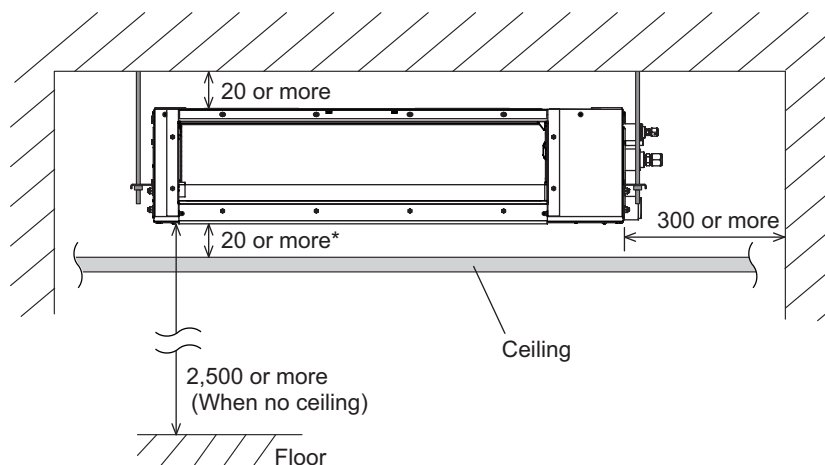


## ● Installation space requirement

Provide enough clearance for product safety.

**NOTE:** The detailed component shape depends on the model.

Unit: mm



\*: According to the distance between the ceiling and the unit, the construction plan of the maintenance access differs.

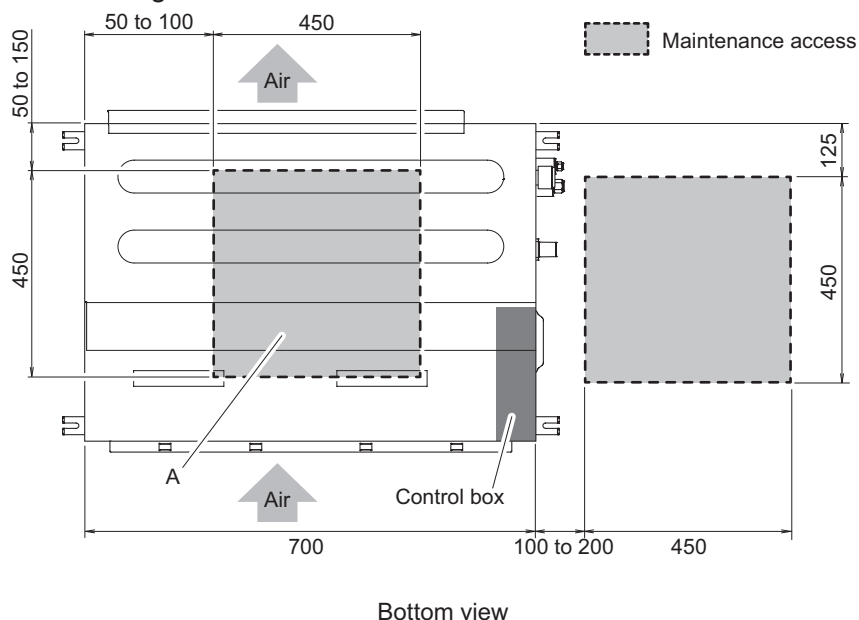
## ● Maintenance space requirement

Provide one or two maintenance accesses for the fan units and the filters or the inspections of the control box, drain pump, and the other parts.

Numbers and the sizes of the maintenance accesses differ according to the distance between the ceiling and the unit as follows.

Unit: mm

- Distance between the ceiling and the unit is 300 or more:

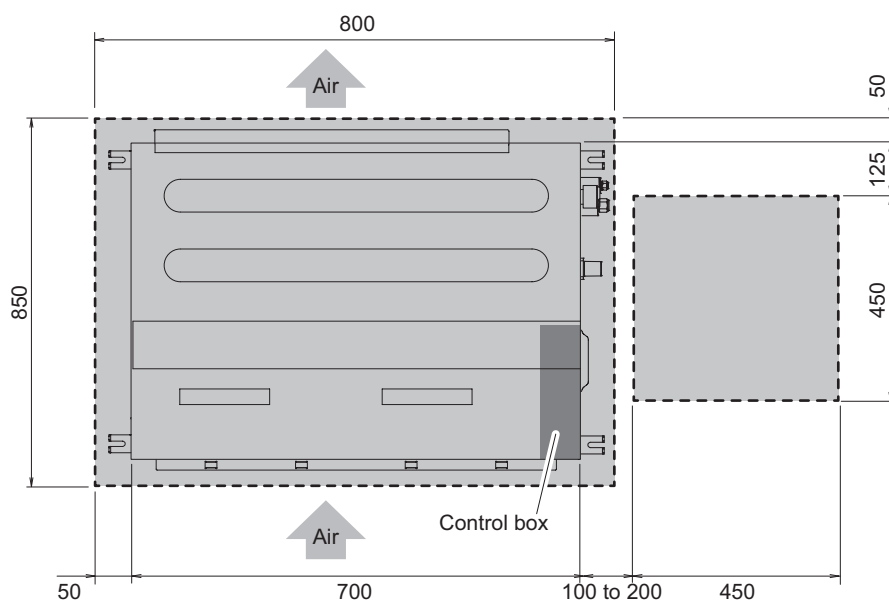


**NOTE:** If there is sufficient working space between the indoor unit and the ceiling plate, the maintenance access under the unit (A) is not necessary.

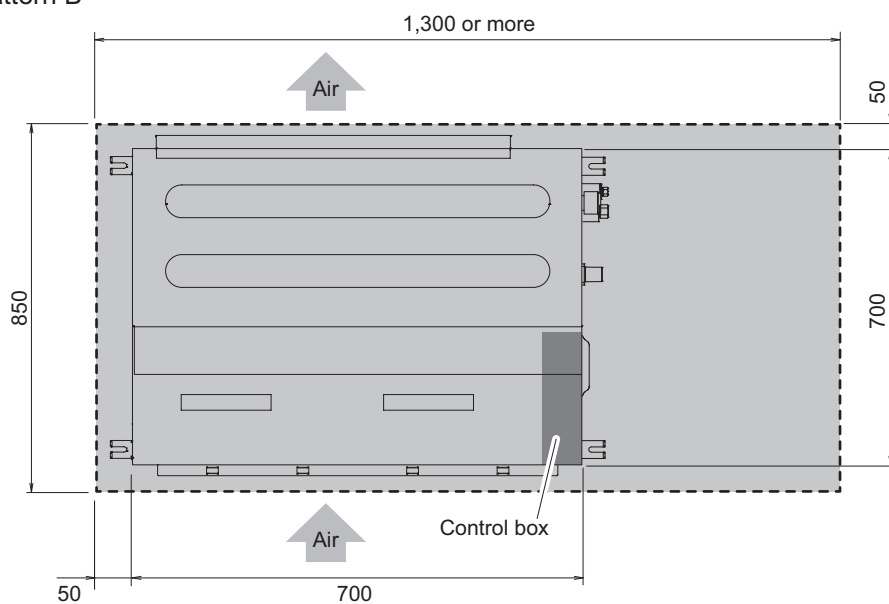


- Distance between the ceiling and the unit is from 20 to 300:  
Choose one of these methods to set up the maintenance access.

Pattern A

 Maintenance access


Pattern B

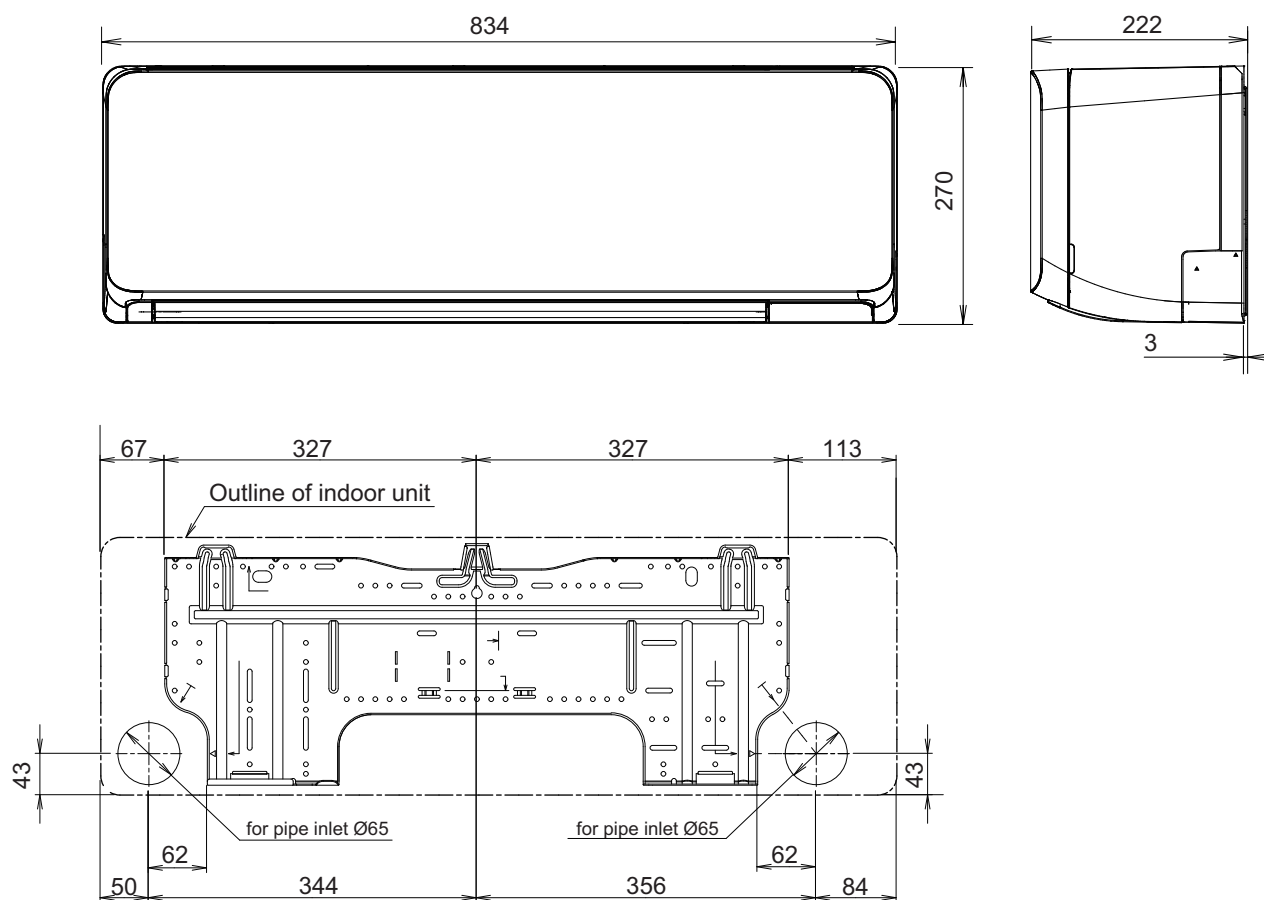


Bottom view

## 4-5. Wall mounted type

### ■ Models: ASEH07-14KMCG and ASEH07-14KMCG-B

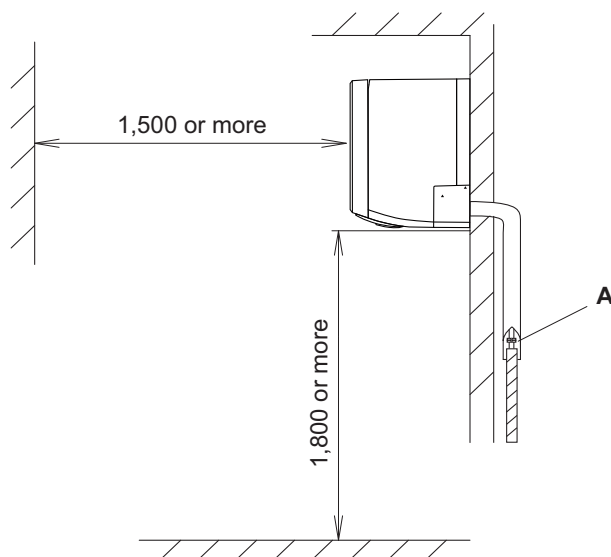
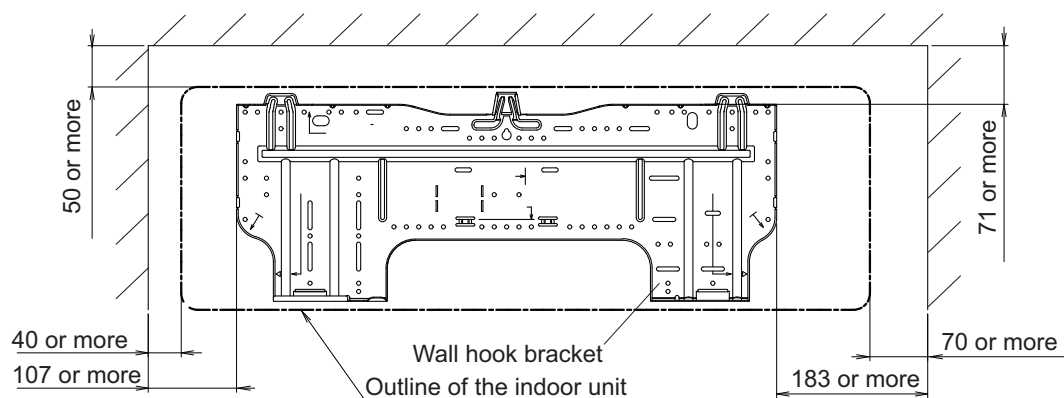
Unit: mm



## ● Installation space requirement

Provide sufficient installation space for product safety.

Unit: mm



**A:** Install so that the flare connection part is outdoors.

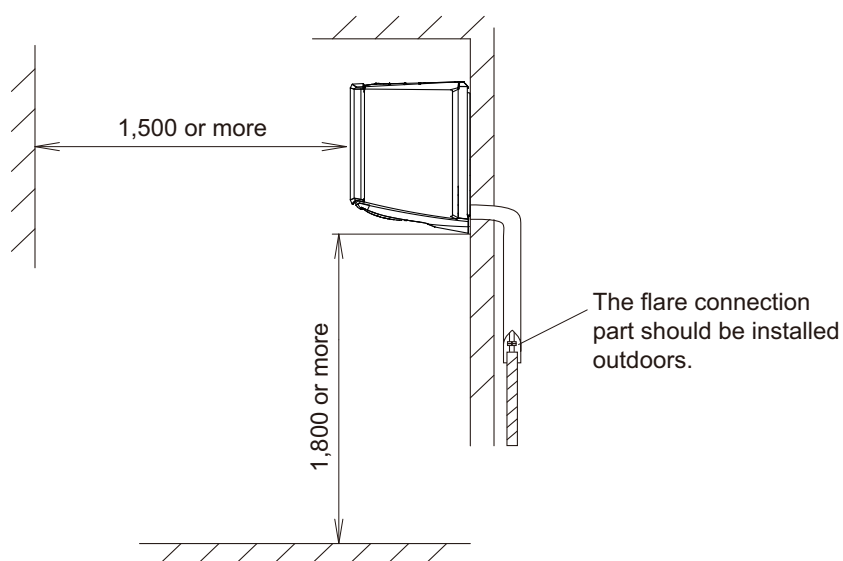
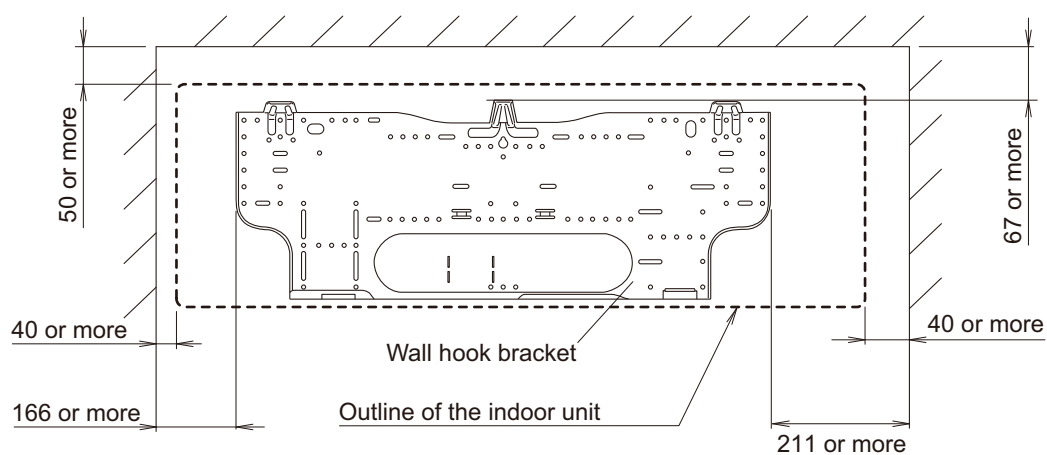
## Unit: mm



## ● Installation space requirement

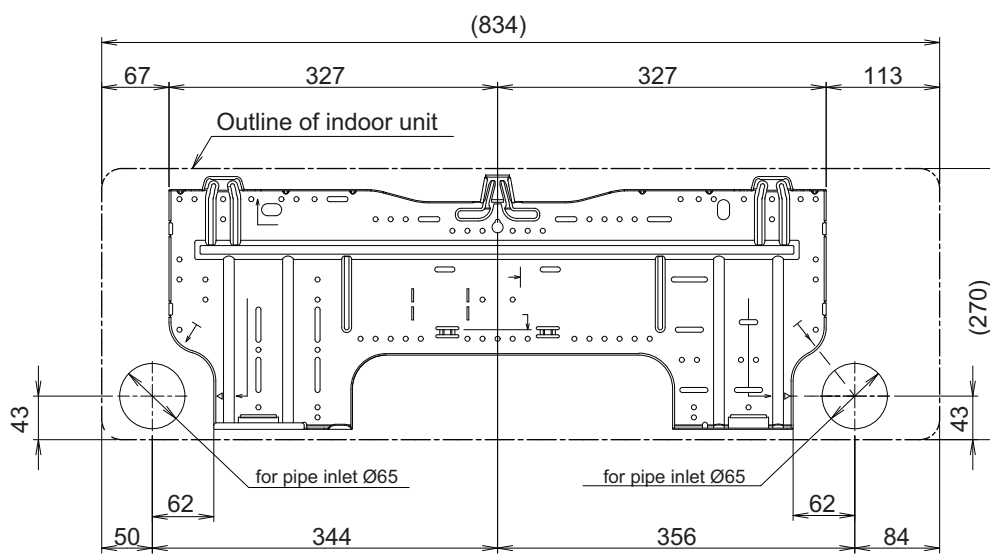
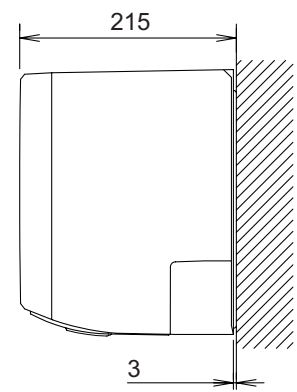
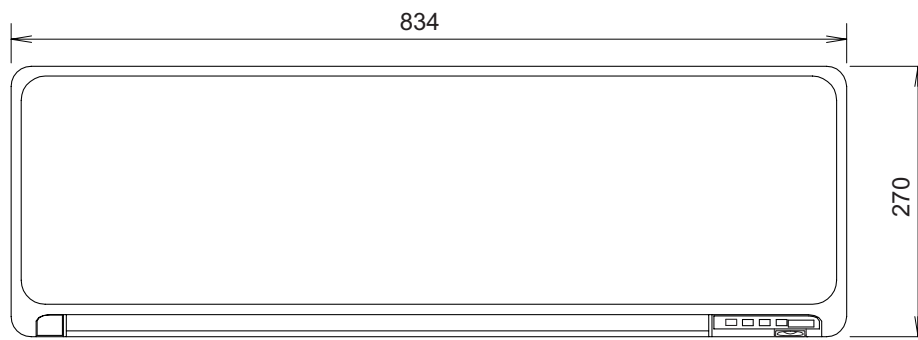
Provide sufficient installation space for product safety.

Unit: mm



# **ASEH07-14KGTG**

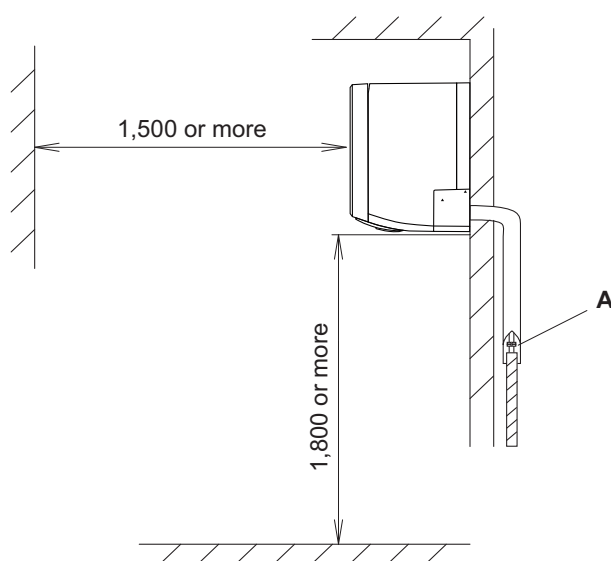
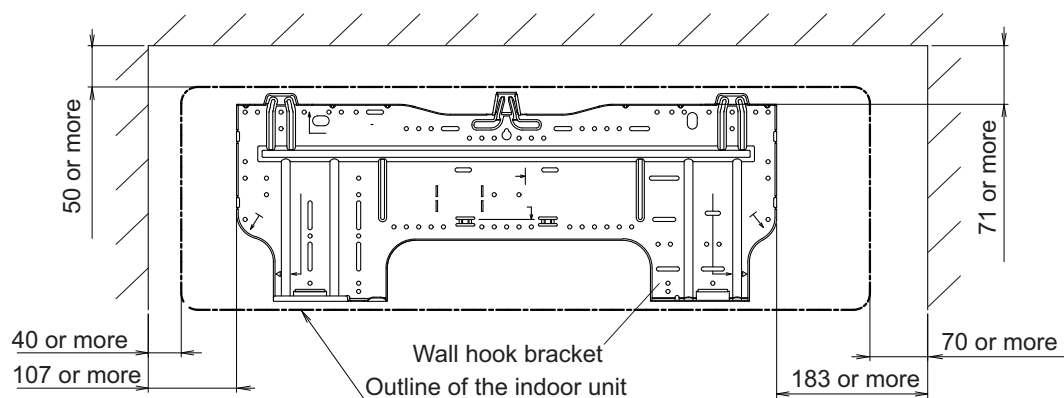
Unit: mm



## ● Installation space requirement

Provide sufficient installation space for product safety.

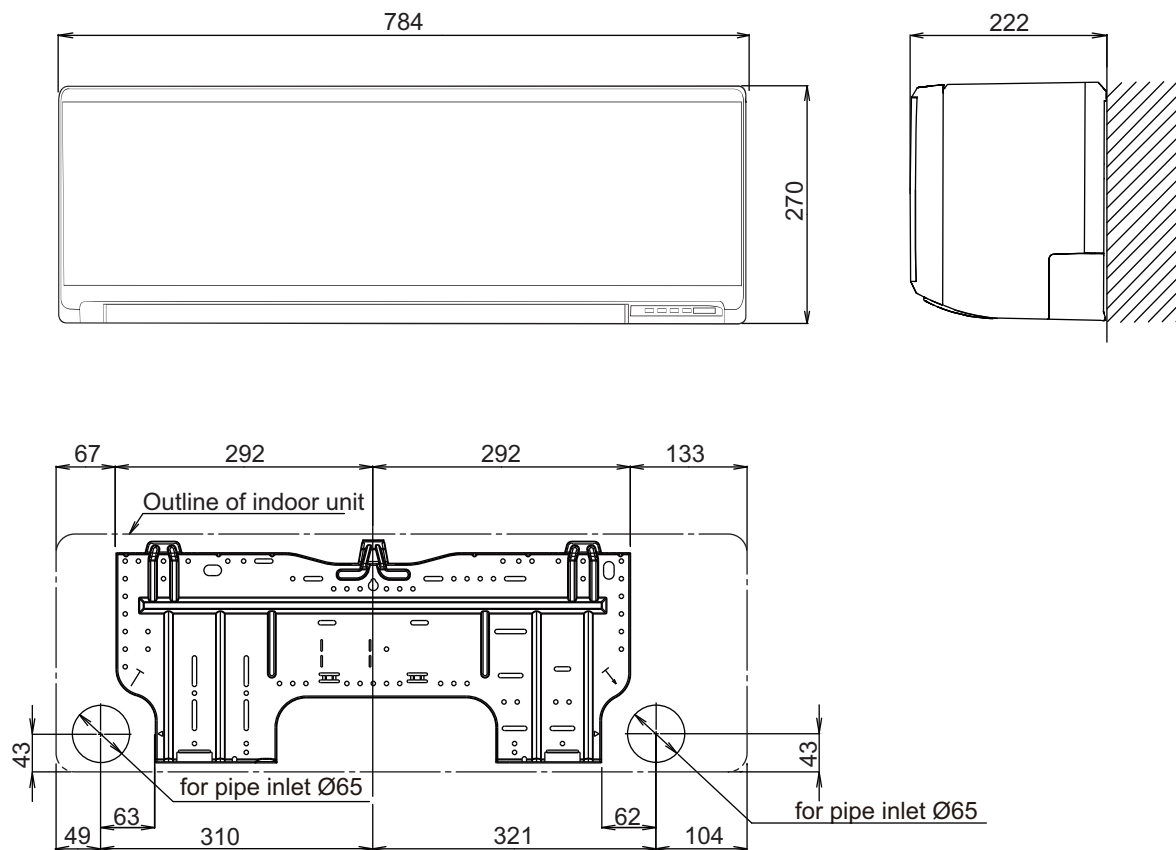
Unit: mm



**A:** Install so that the flare connection part is outdoors.

# **Models: ASEH05-12KNCA**

Unit: mm

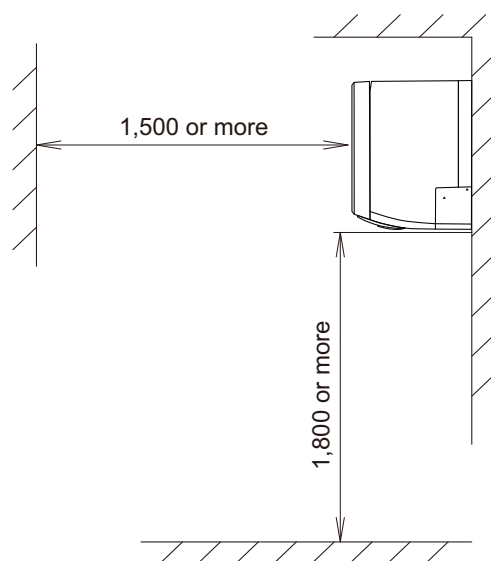
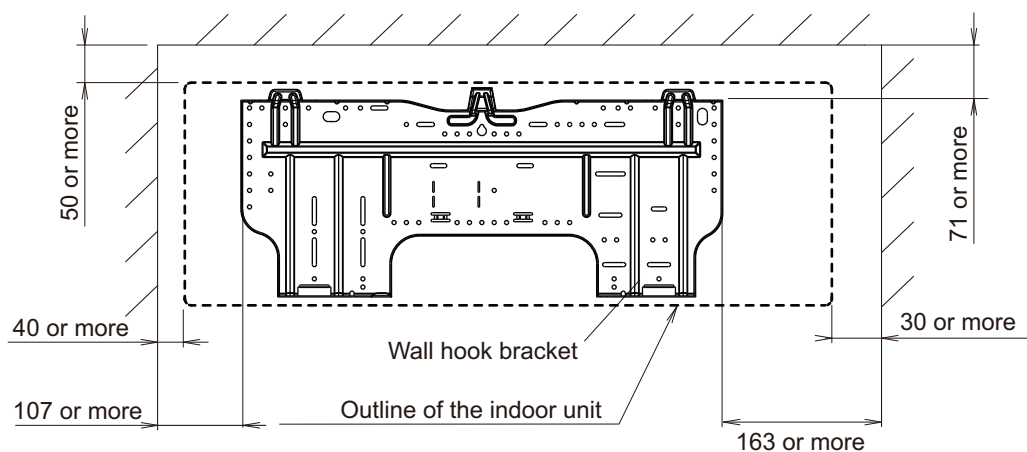




## ● Installation space requirement

Provide sufficient installation space for product safety.

Unit: mm

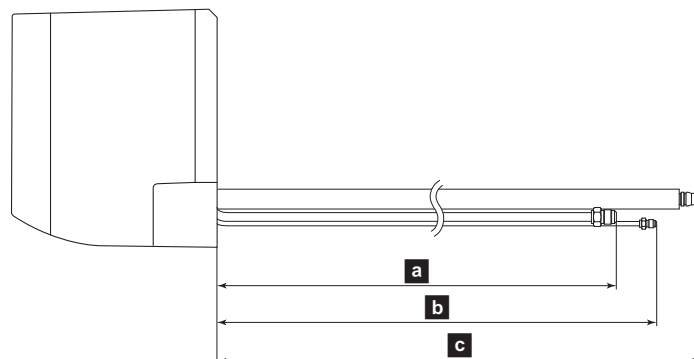


## ■ Pipe exit length from the rear (for KMCG, KMCG-B, KGTG, and KNCA)

Design the system considering the length of the pipes or hose exiting from the rear of the indoor unit.

**NOTE:** Detailed shapes of the indoor unit and the tip of each pipe or hose may vary depending on the model.

Unit: mm

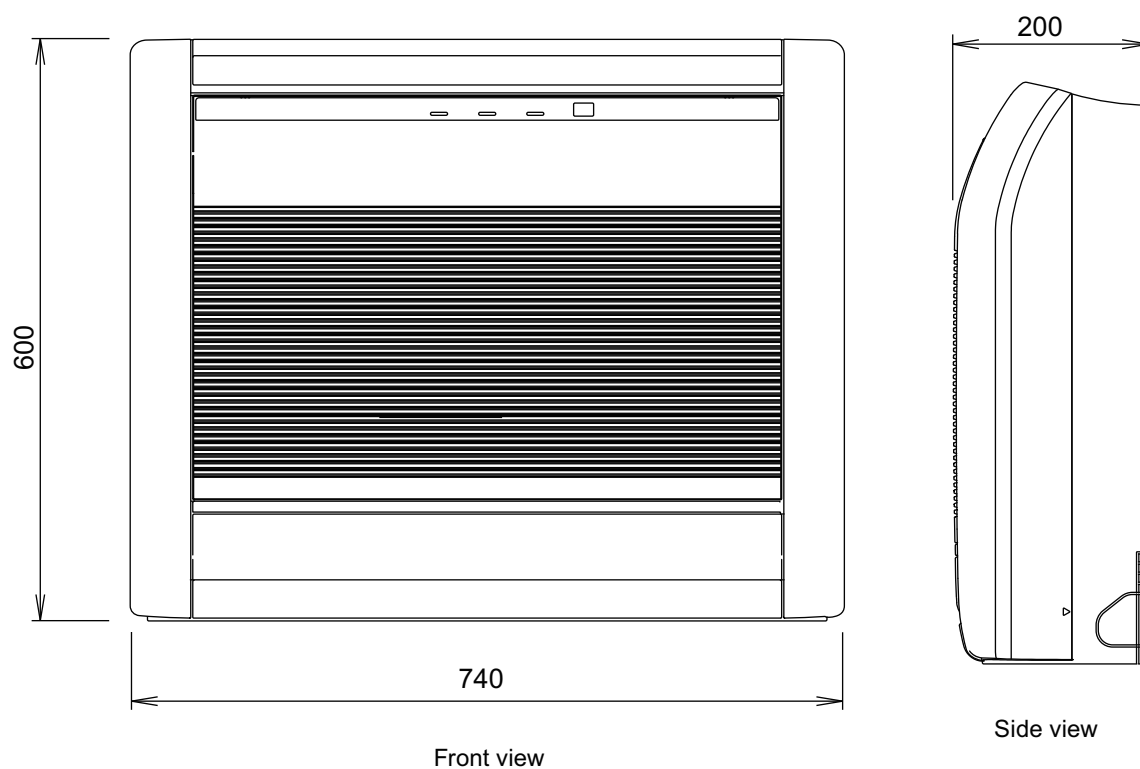


| Model name                       | Approximate length |                      |                     |
|----------------------------------|--------------------|----------------------|---------------------|
|                                  | <b>a</b> Gas pipe  | <b>b</b> Liquid pipe | <b>c</b> Drain hose |
| ASEH07-14KMCG<br>ASEH07-14KMCG-B | 395                | 435                  | 480                 |
| ASEH07-14KGTG                    | 380                | 430                  | 480                 |
| ASEH05-12KNCA                    | 380                | 430                  | 485                 |

## 4-6. Floor type

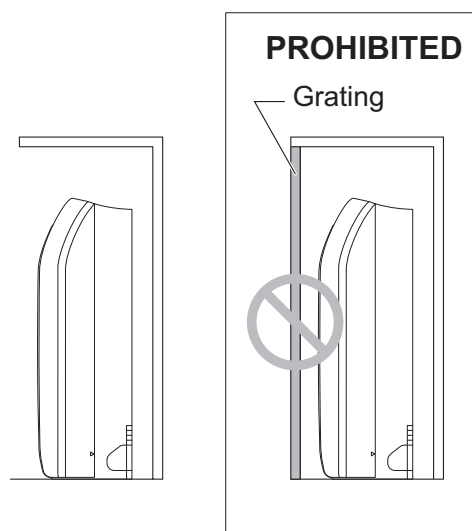
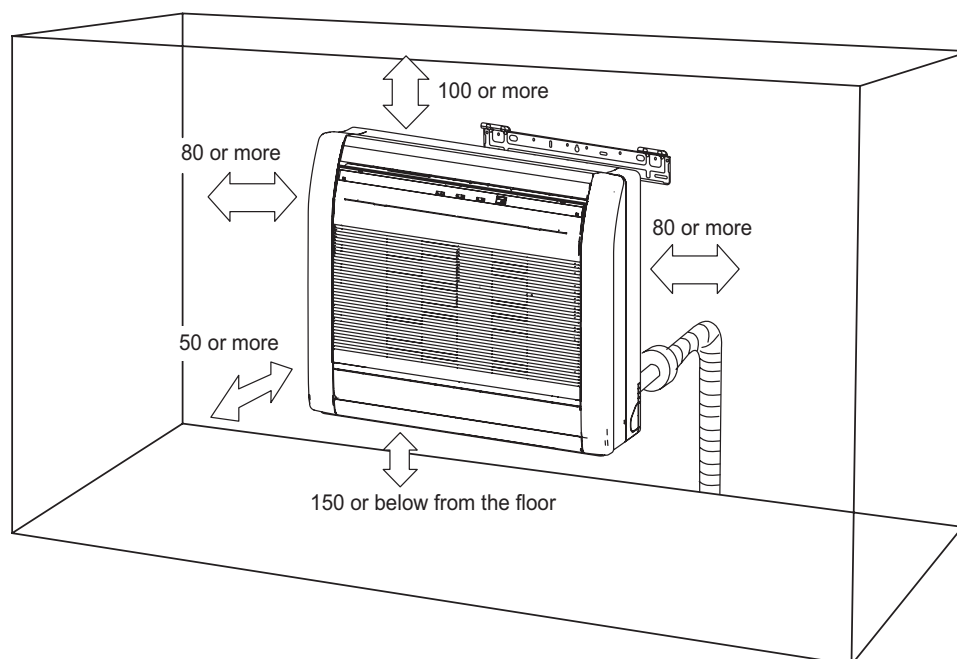
### ■ Models: AGE09-14KVCA

Unit: mm



## ● Installation space

Unit: mm



### ⚠ WARNING

- The appliance shall be installed, operated and stored in a room with a floor area larger than X m<sup>2</sup>.

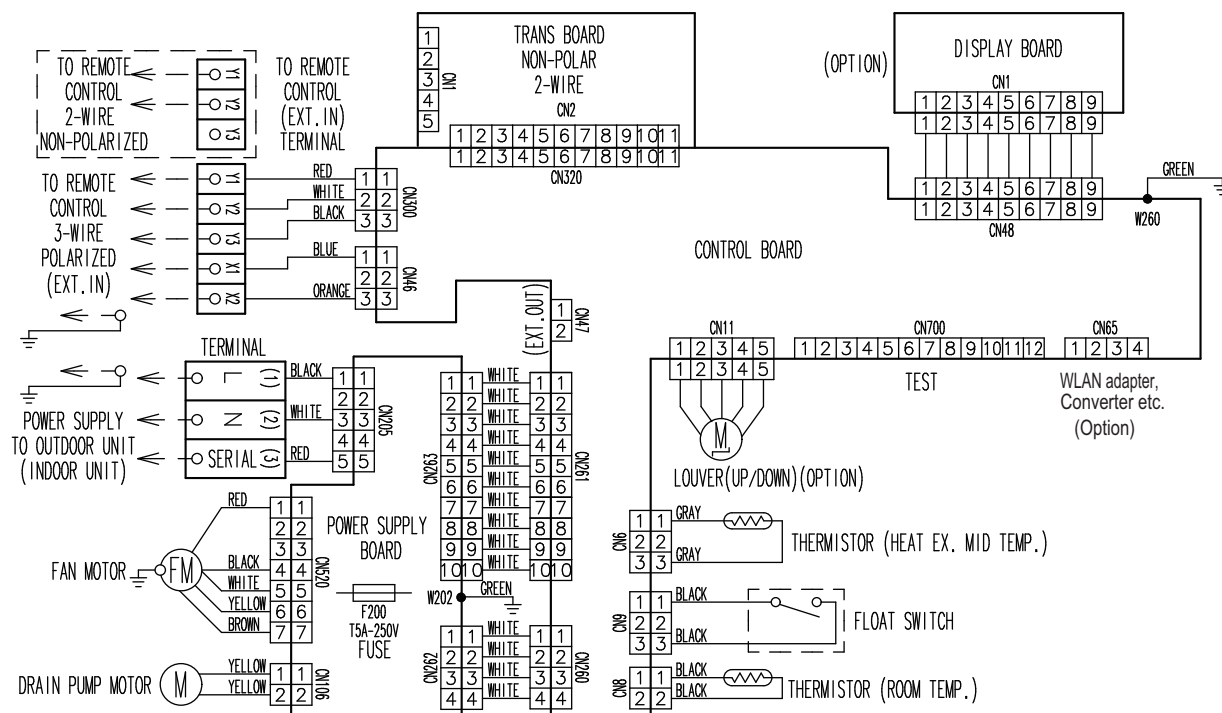
| Amount of refrigerant charge<br>M (kg) | Minimum room area<br>X (m <sup>2</sup> ) |
|----------------------------------------|------------------------------------------|
| $M \leq 1.22$                          | -                                        |
| $1.22 < M \leq 1.23$                   | 12.99                                    |
| $1.23 < M \leq 1.50$                   | 19.31                                    |
| $1.50 < M \leq 1.75$                   | 26.28                                    |
| $1.75 < M \leq 2.0$                    | 34.33                                    |
| $2.0 < M \leq 2.5$                     | 53.63                                    |
| $2.5 < M \leq 3.0$                     | 77.23                                    |
| $3.0 < M \leq 3.5$                     | 105.12                                   |
| $3.5 < M \leq 4.0$                     | 137.29                                   |

(IEC 60335-2-40)

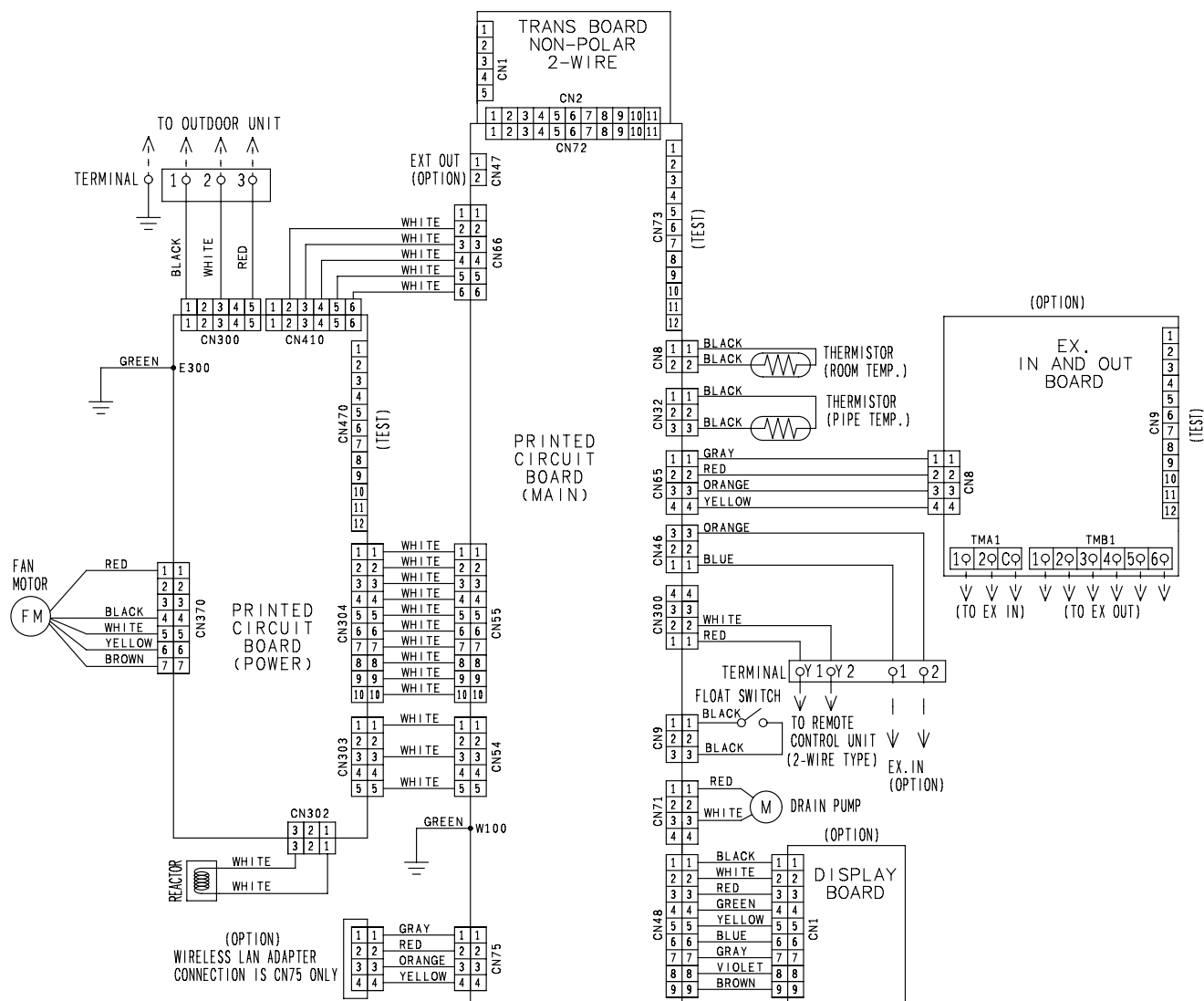
### 5-1. Compact cassette type

## 5-2. Mini duct type and Slim duct type

### Models: ARXG07-14KSLAP and ARXG07-14KLLAP

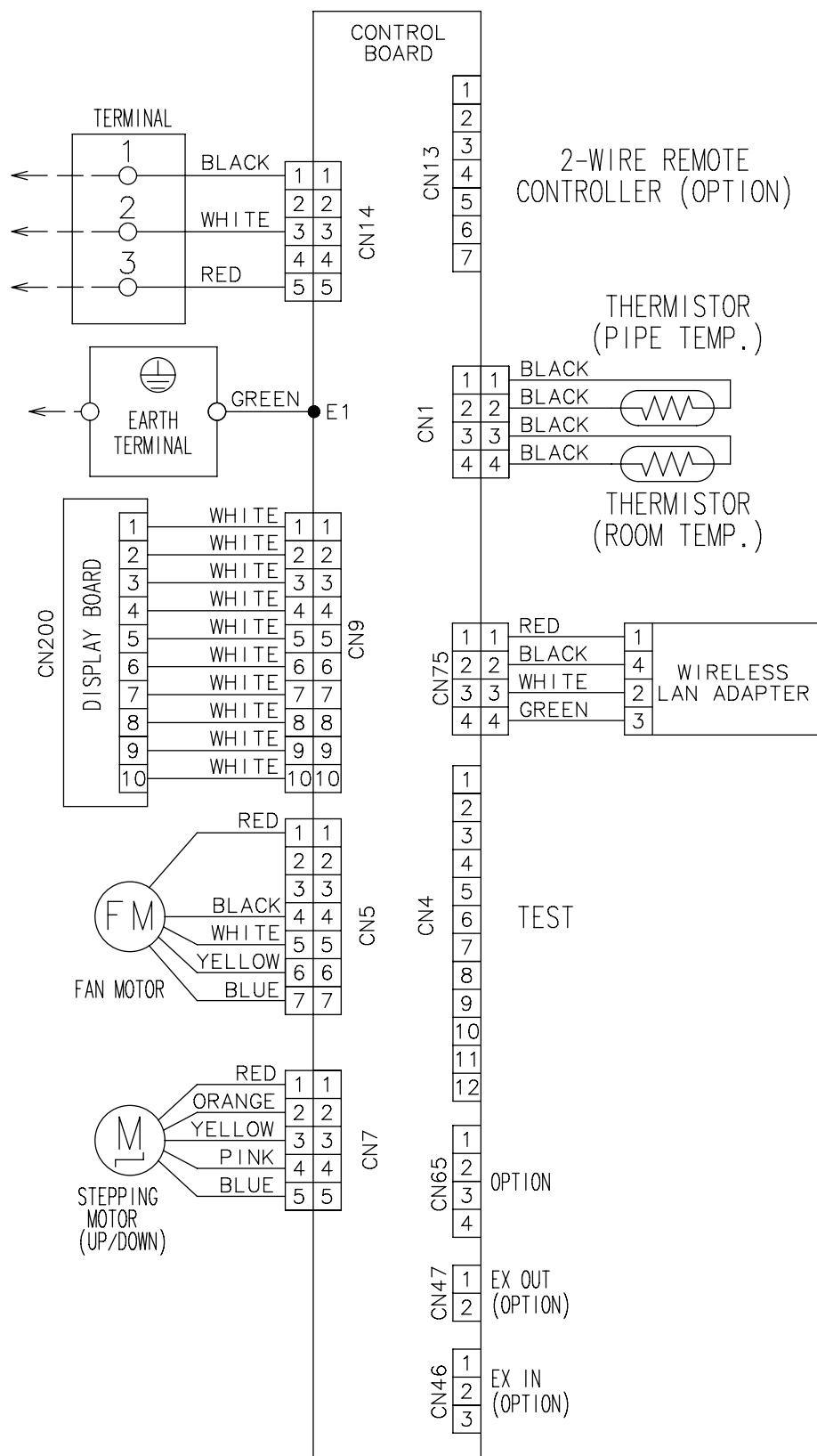


■ **Models: ARXH12-14KMTAP**



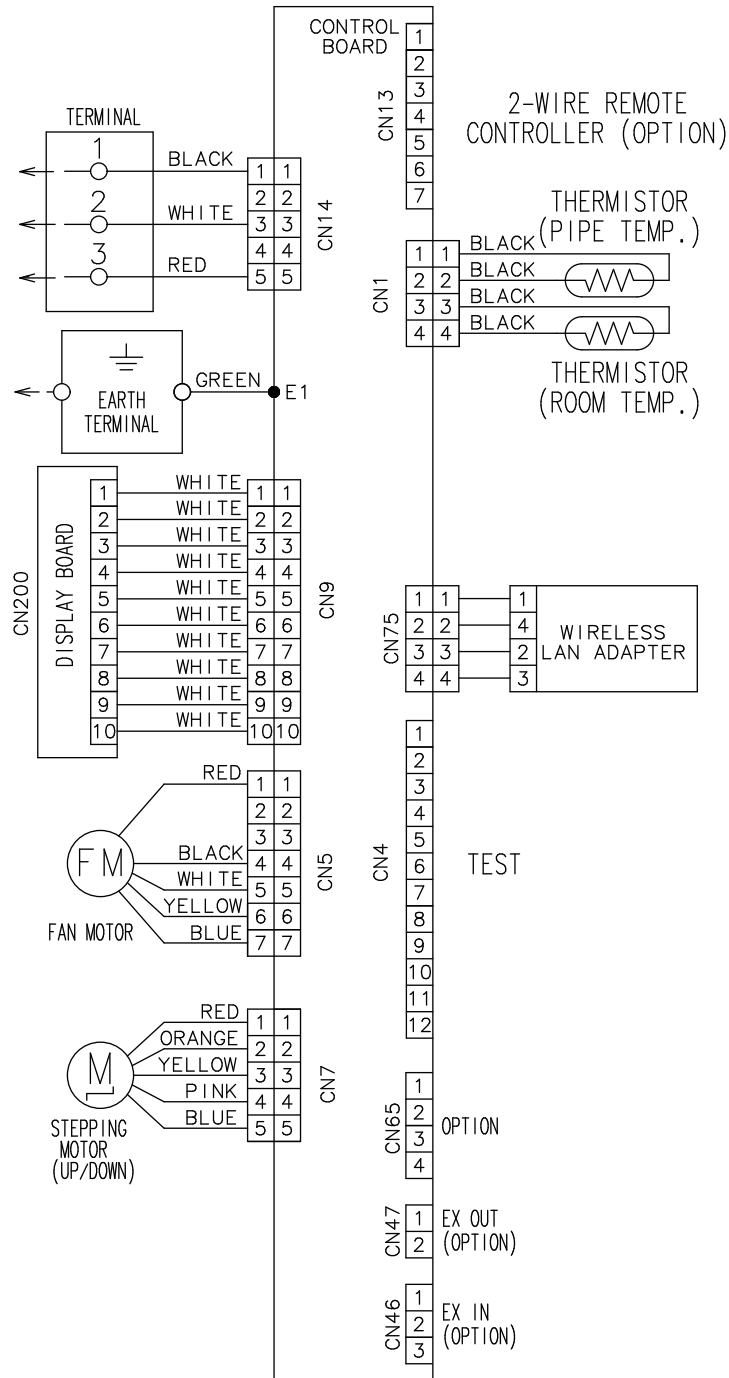
## 5-4. Wall mounted type

### ■ Models: ASEH07-14KMCG and ASEH07-14KMCG-B

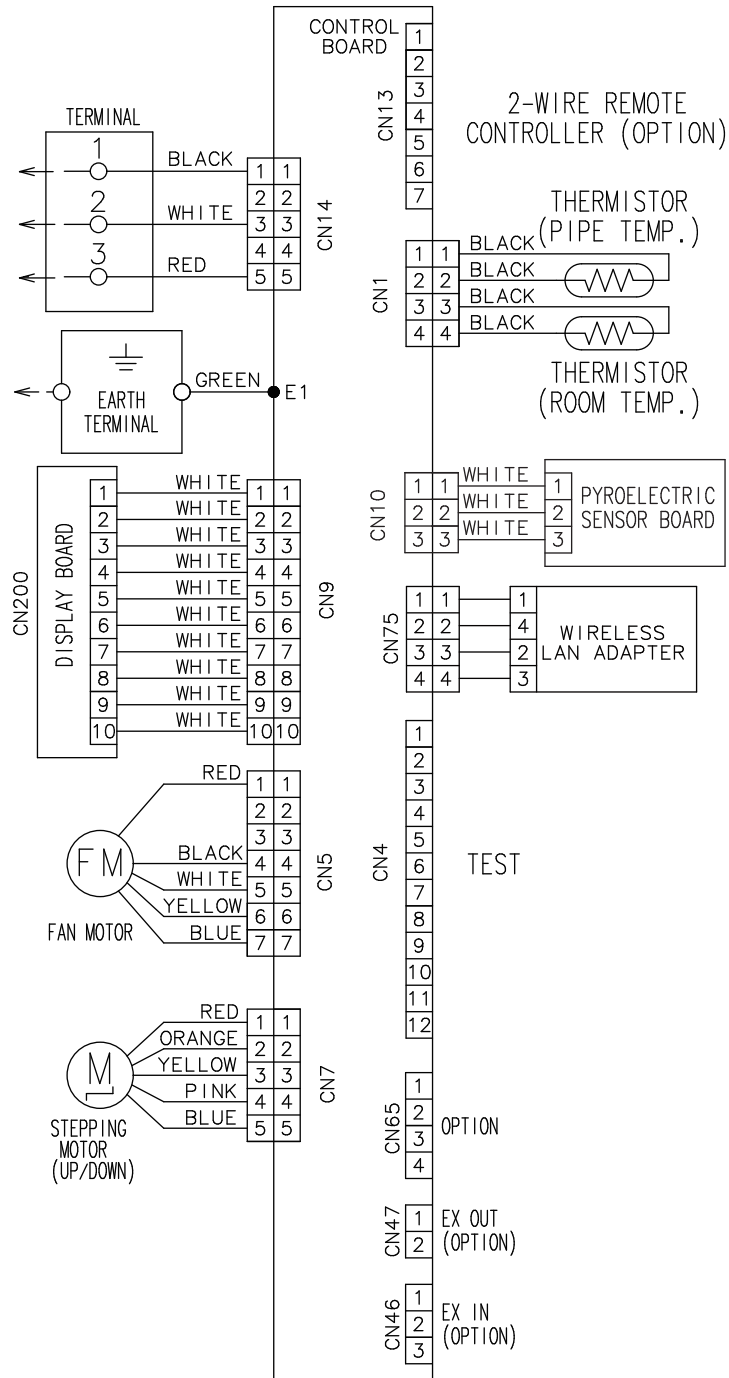




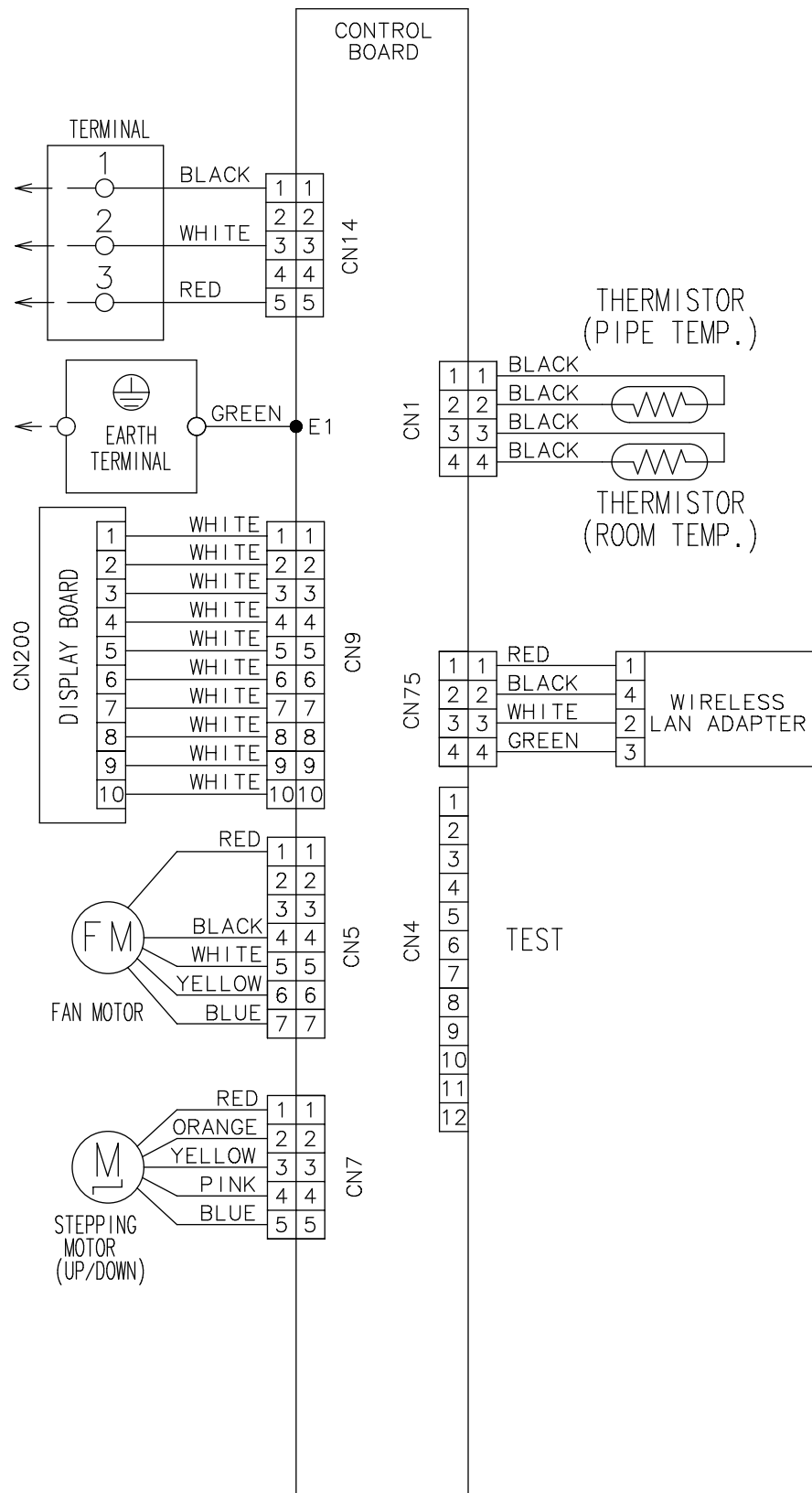
# ■ Models: ASEG07-14KETF and ASEG07-14KETF-B



# Models: ASEH07-14KGTG

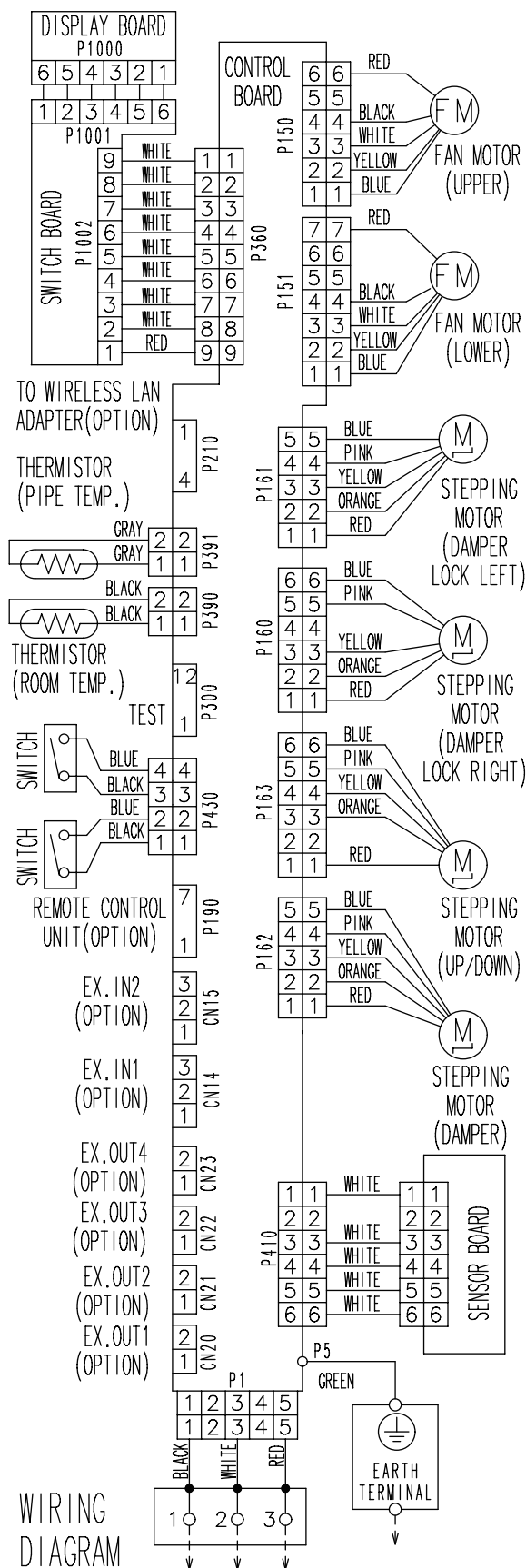


# Models: ASEH05-12KNCA



## 5-5. Floor type

### ■ Models: AGEG09-14KVCA



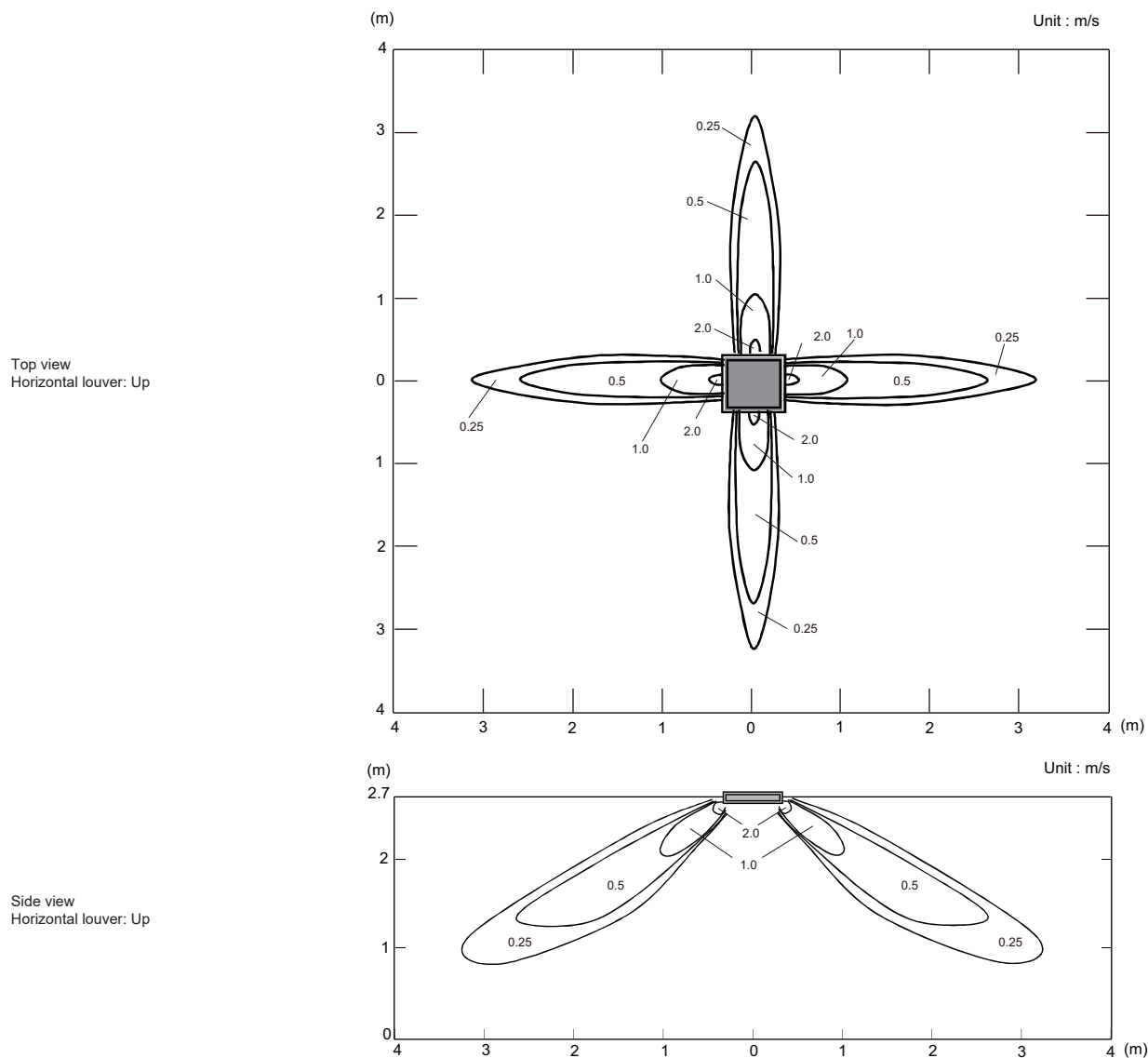
## 6. Air velocity and temperature distributions

### 6-1. Compact cassette type

#### ■ Models: AUXG07-09KVL

- Air velocity distribution

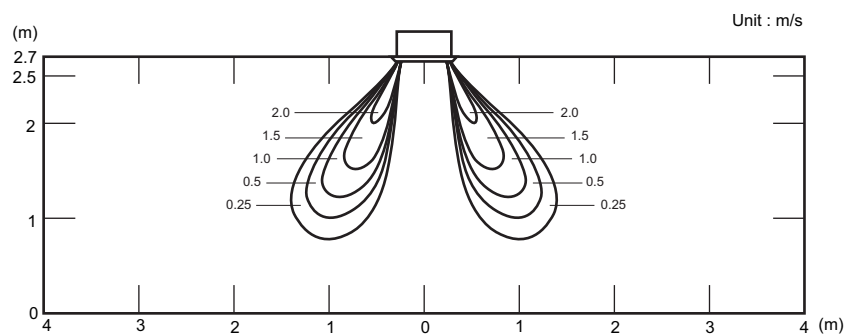
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                             |           |                |                   |
|-----------------------------|-----------|----------------|-------------------|
| Measuring conditions        | Fan speed | Operation mode | Outlet directions |
| <b>NOTE:</b> Reference data | HIGH      | HEAT           | 4-way air outlet  |

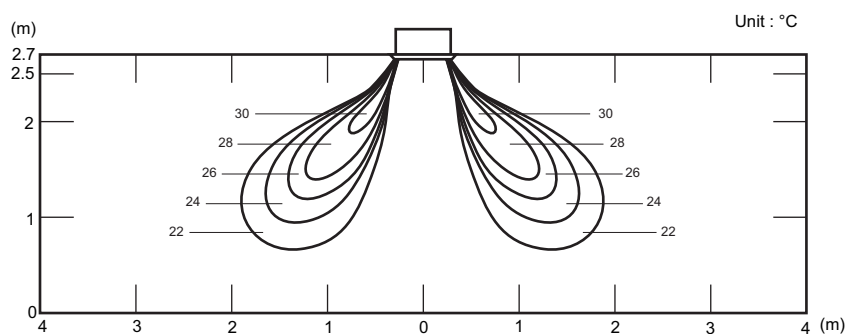
Side view  
Horizontal louver: Down



- Air temperature distribution

|                             |           |                |                   |
|-----------------------------|-----------|----------------|-------------------|
| Measuring conditions        | Fan speed | Operation mode | Outlet directions |
| <b>NOTE:</b> Reference data | HIGH      | HEAT           | 4-way air outlet  |

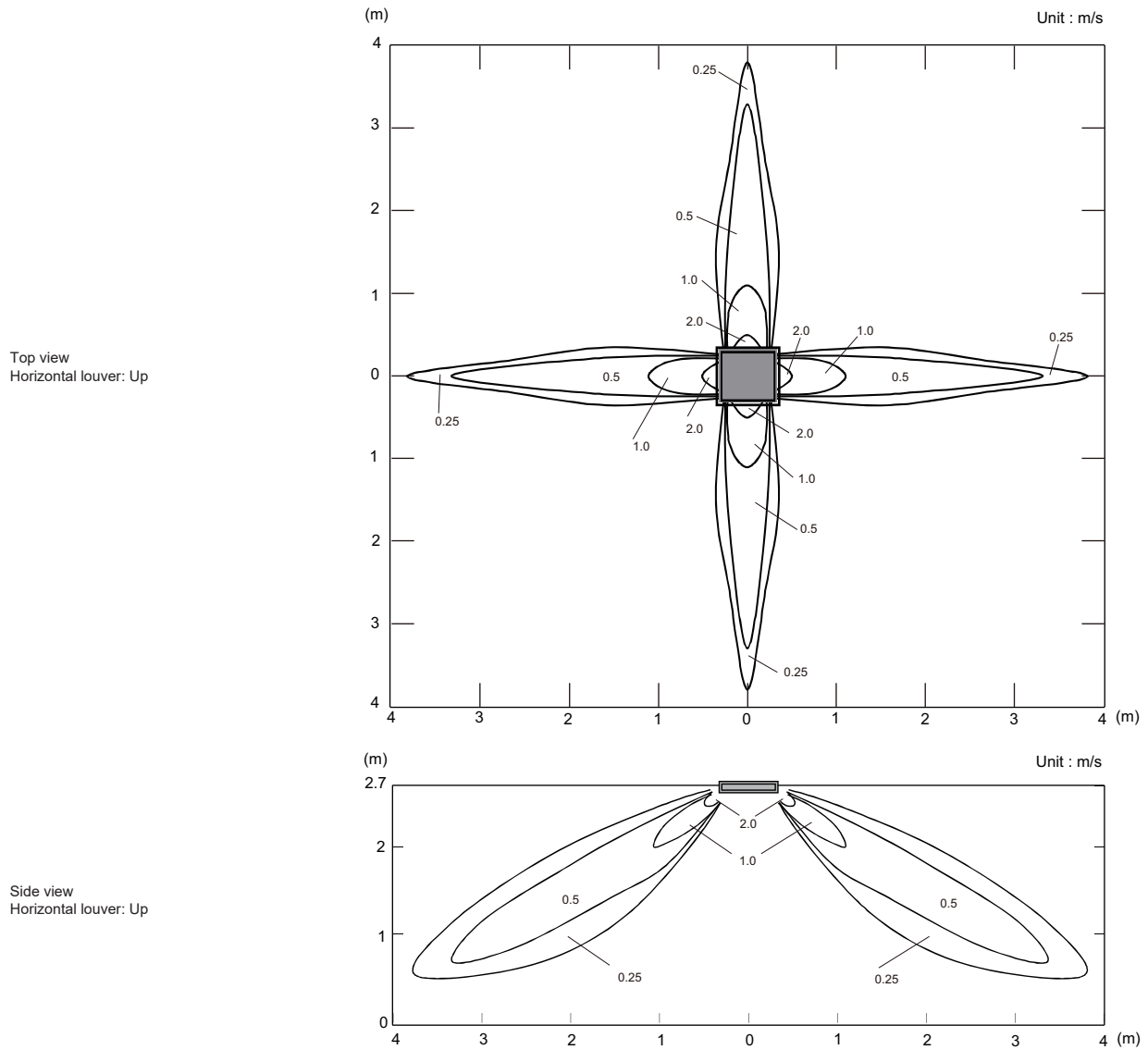
Side view  
Horizontal louver: Down



# Model: AUXG12KVLA

- Air velocity distribution

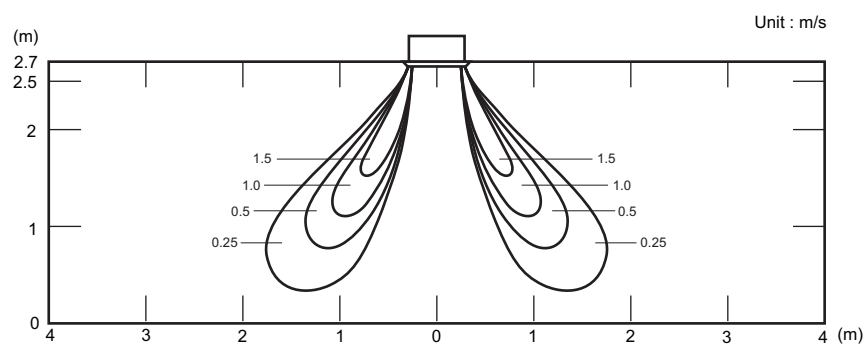
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                             |           |                |                   |
|-----------------------------|-----------|----------------|-------------------|
| Measuring conditions        | Fan speed | Operation mode | Outlet directions |
| <b>NOTE:</b> Reference data | HIGH      | HEAT           | 4-way air outlet  |

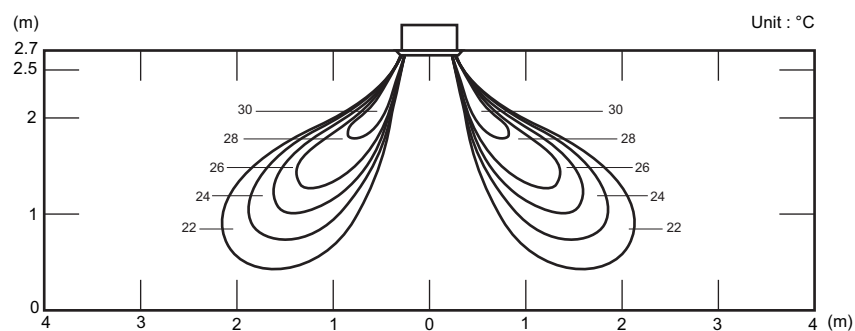
Side view  
Horizontal louver: Down



- Air temperature distribution

|                             |           |                |                   |
|-----------------------------|-----------|----------------|-------------------|
| Measuring conditions        | Fan speed | Operation mode | Outlet directions |
| <b>NOTE:</b> Reference data | HIGH      | HEAT           | 4-way air outlet  |

Side view  
Horizontal louver: Down

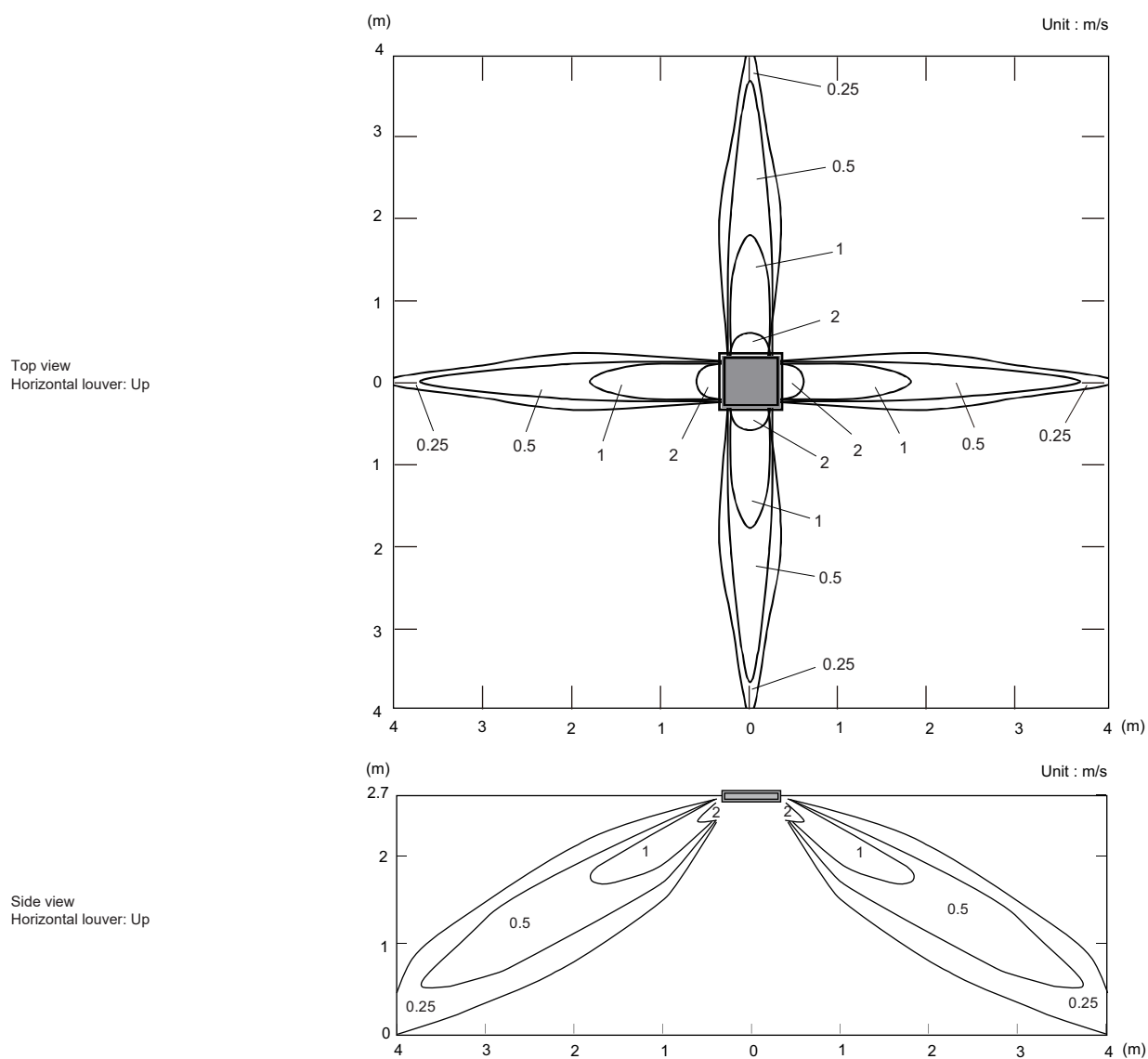




## Model: AUXG14KVLA

- Air velocity distribution

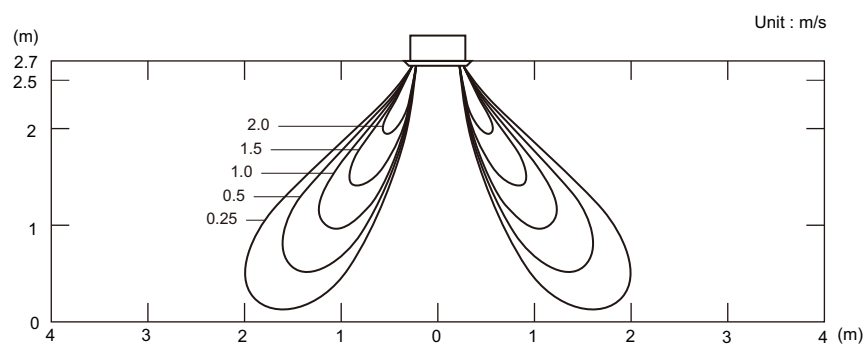
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                             |           |                |                   |
|-----------------------------|-----------|----------------|-------------------|
| Measuring conditions        | Fan speed | Operation mode | Outlet directions |
| <b>NOTE:</b> Reference data | HIGH      | HEAT           | 4-way air outlet  |

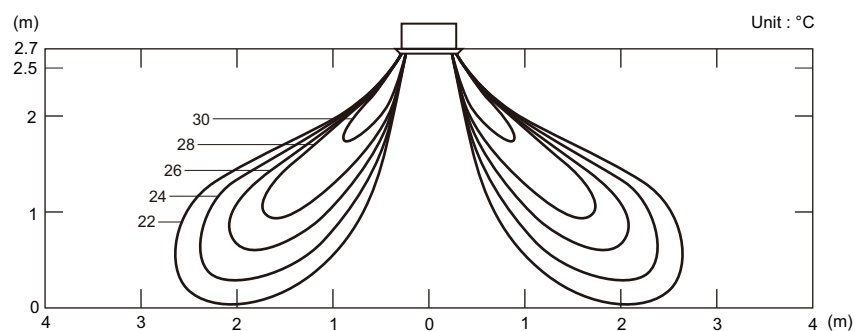
Side view  
Horizontal louver: Down



- Air temperature distribution

|                             |           |                |                   |
|-----------------------------|-----------|----------------|-------------------|
| Measuring conditions        | Fan speed | Operation mode | Outlet directions |
| <b>NOTE:</b> Reference data | HIGH      | HEAT           | 4-way air outlet  |

Side view  
Horizontal louver: Down



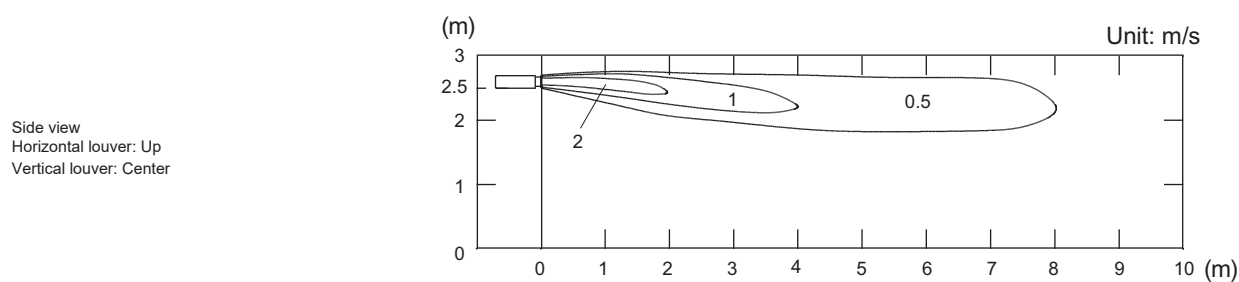
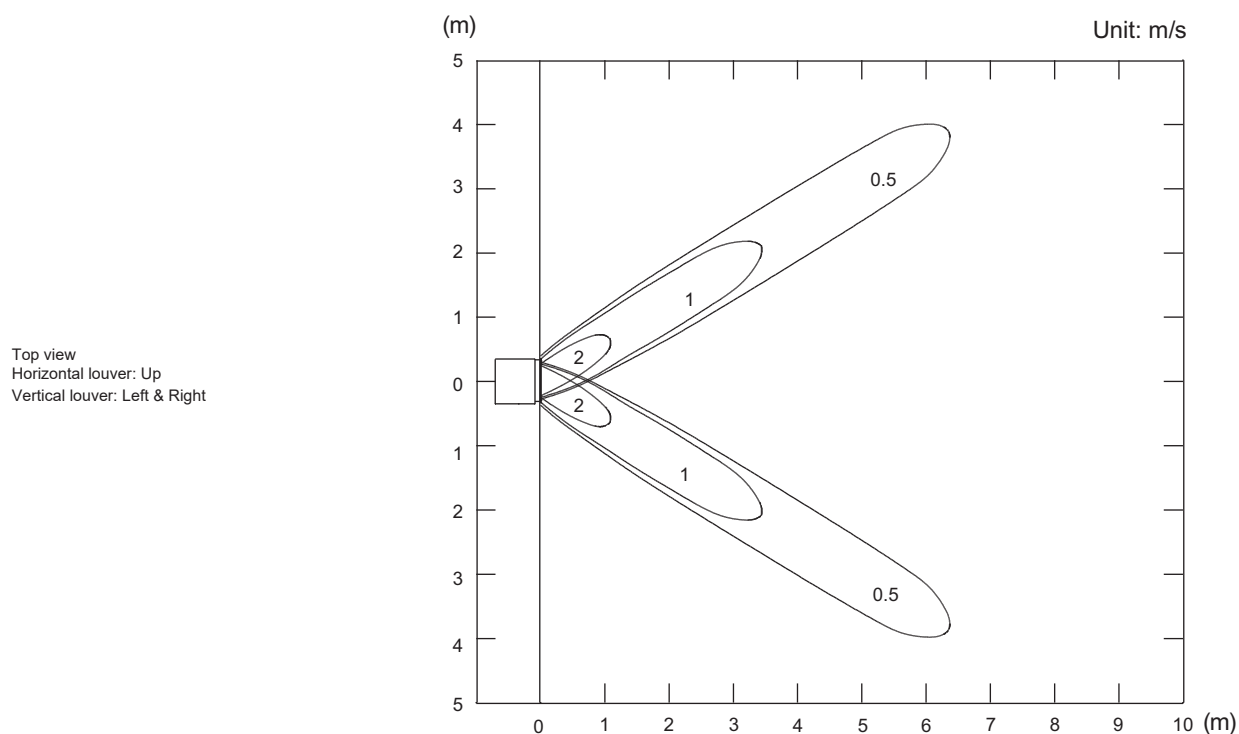
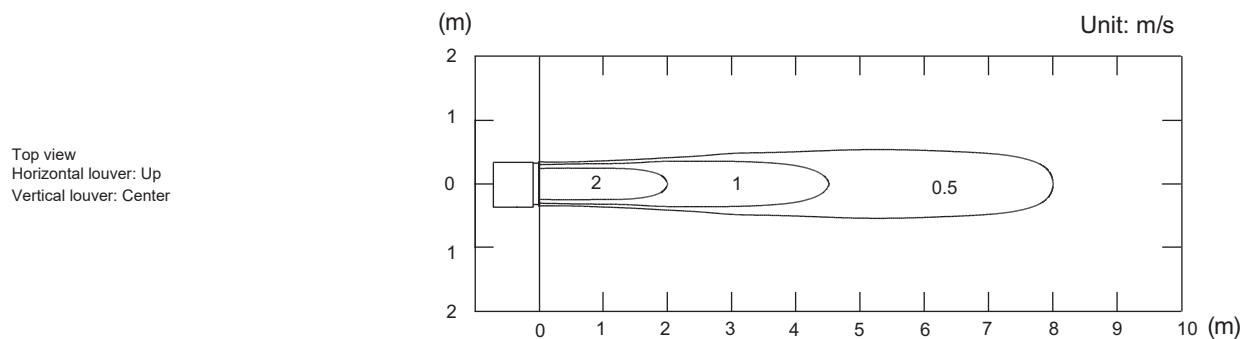
## 6-2. Mini duct type

### ■ Model: ARXG07KSLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

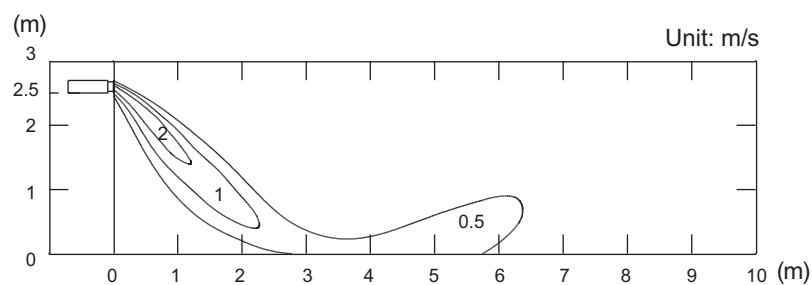
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

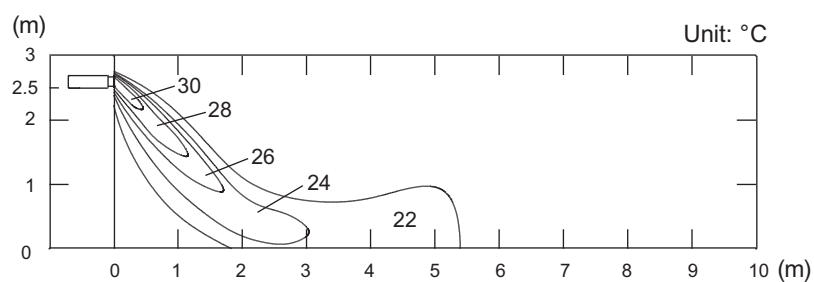
Side view  
Horizontal louver: Down  
Vertical louver: Center



- Air temperature distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

Side view  
Horizontal louver: Down  
Vertical louver: Center

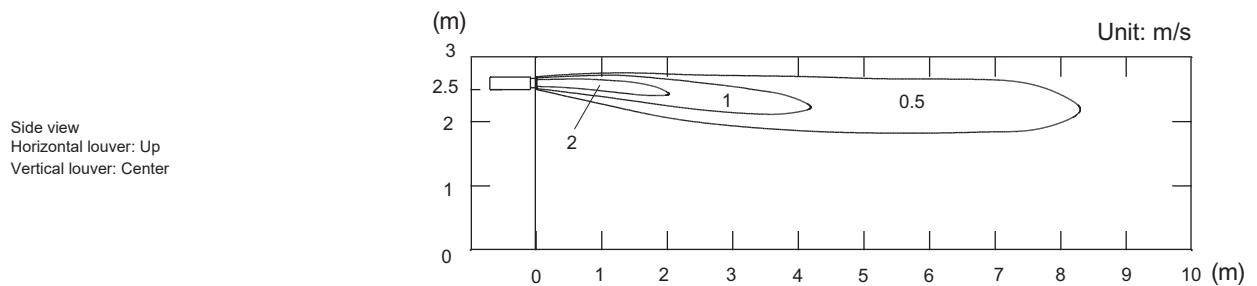
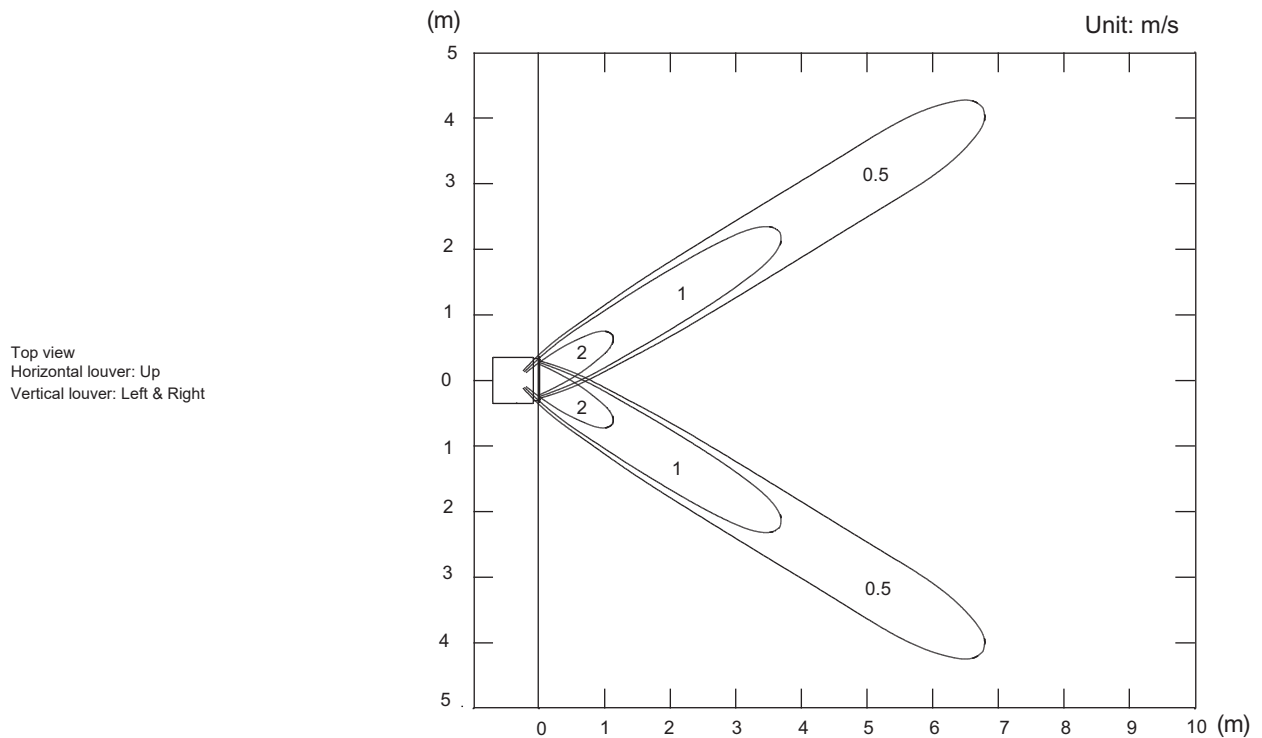
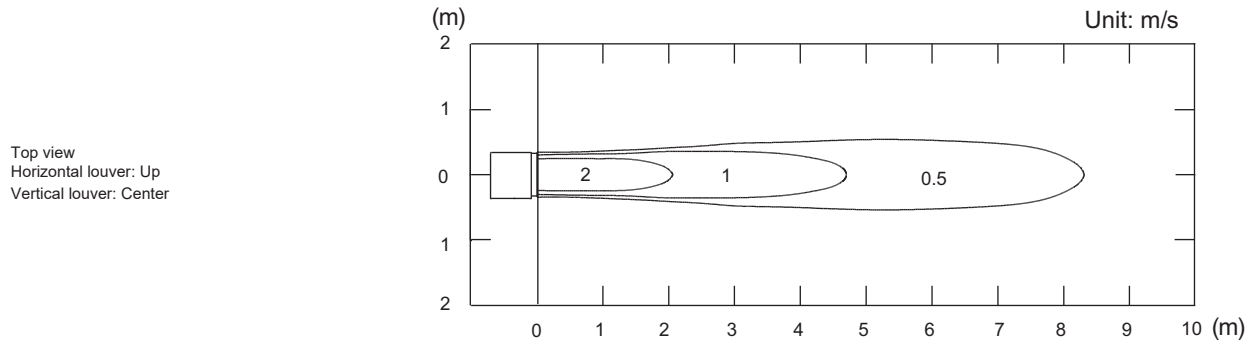


## Model: ARXG09KSLAP

**NOTE:** This data is measured after installing optional Auto Louver Grille Kit.

- Air velocity distribution

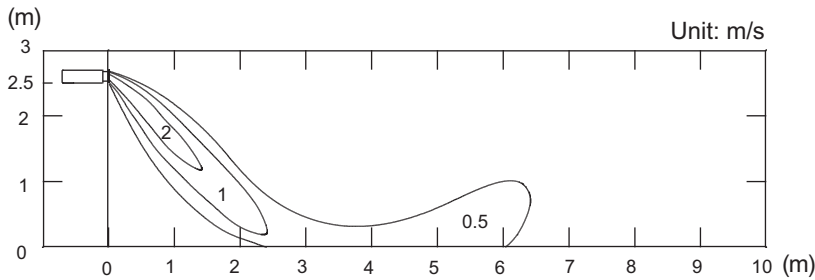
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



• Air velocity distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

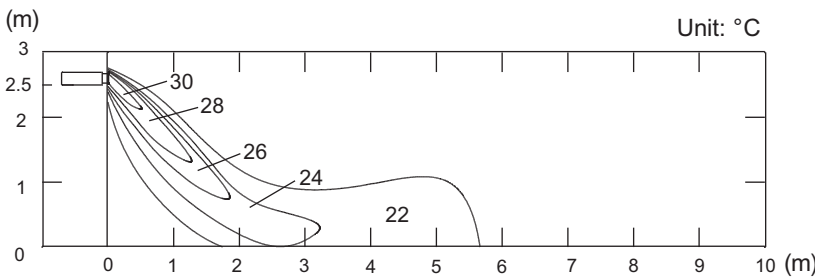
Side view  
Horizontal louver: Down  
Vertical louver: Center



• Air temperature distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

Side view  
Horizontal louver: Down  
Vertical louver: Center

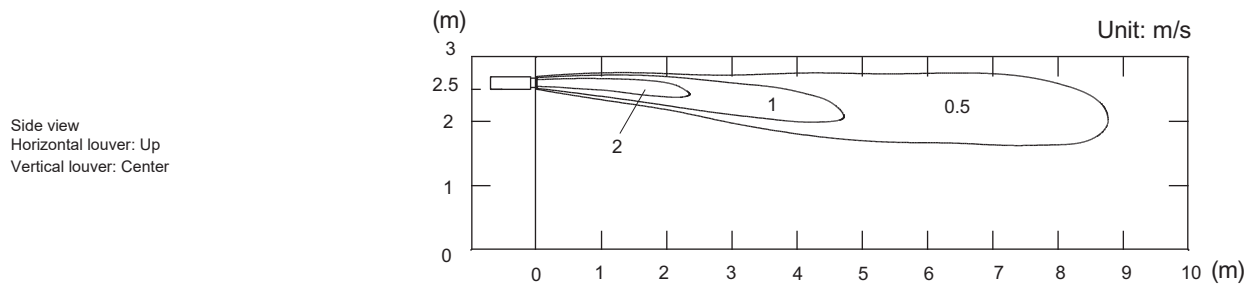
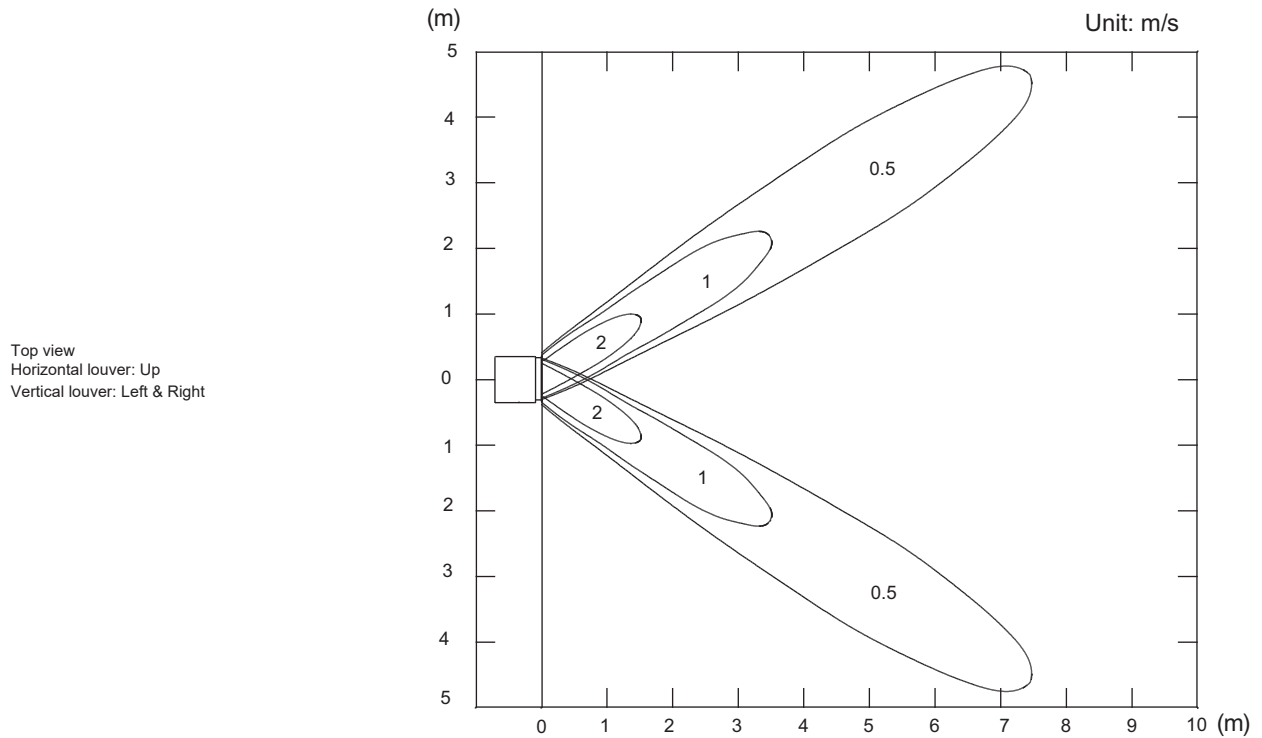
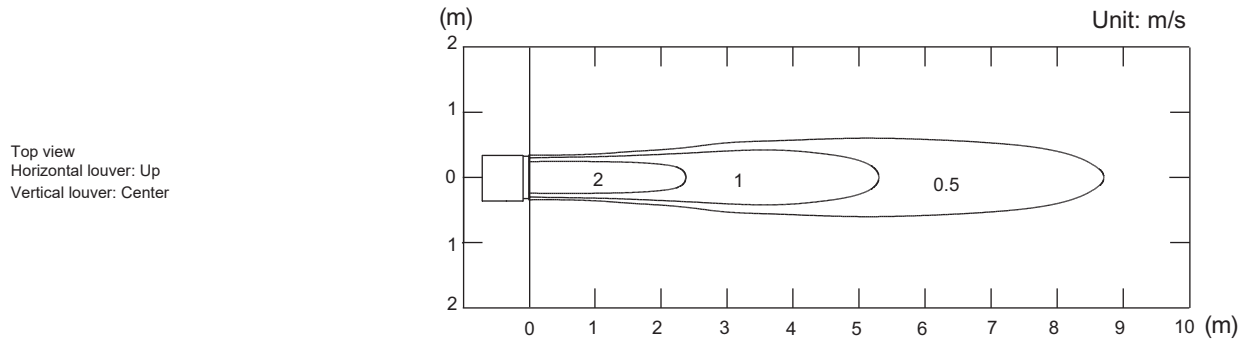


# Model: ARXG12KSLAP

**NOTE:** This data is measured after installing optional Auto Louver Grille Kit.

- Air velocity distribution

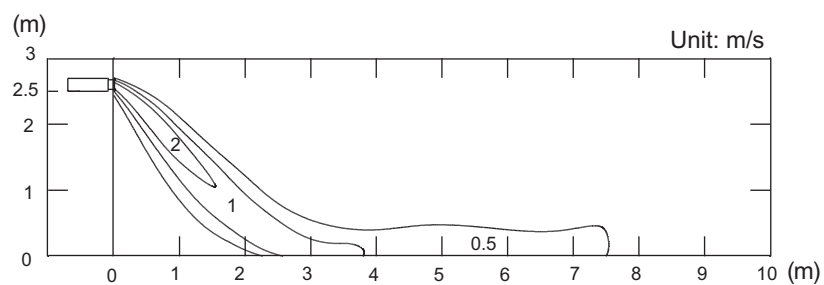
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

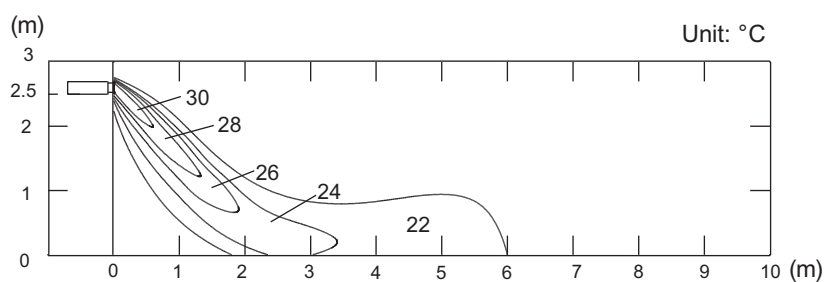
Side view  
Horizontal louver: Down  
Vertical louver: Center



- Air temperature distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

Side view  
Horizontal louver: Down  
Vertical louver: Center



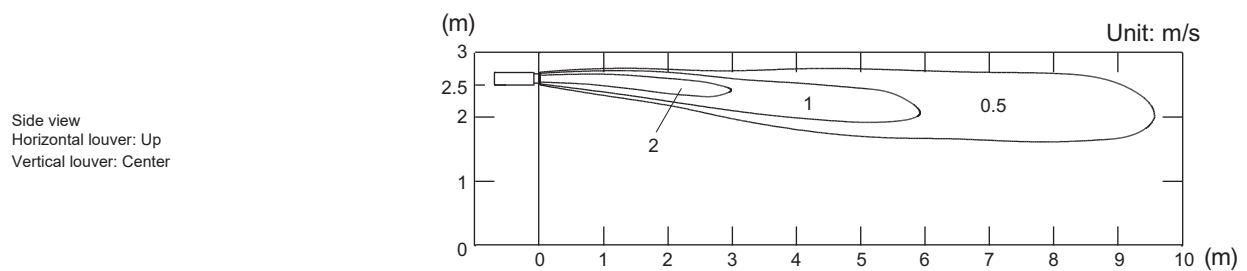
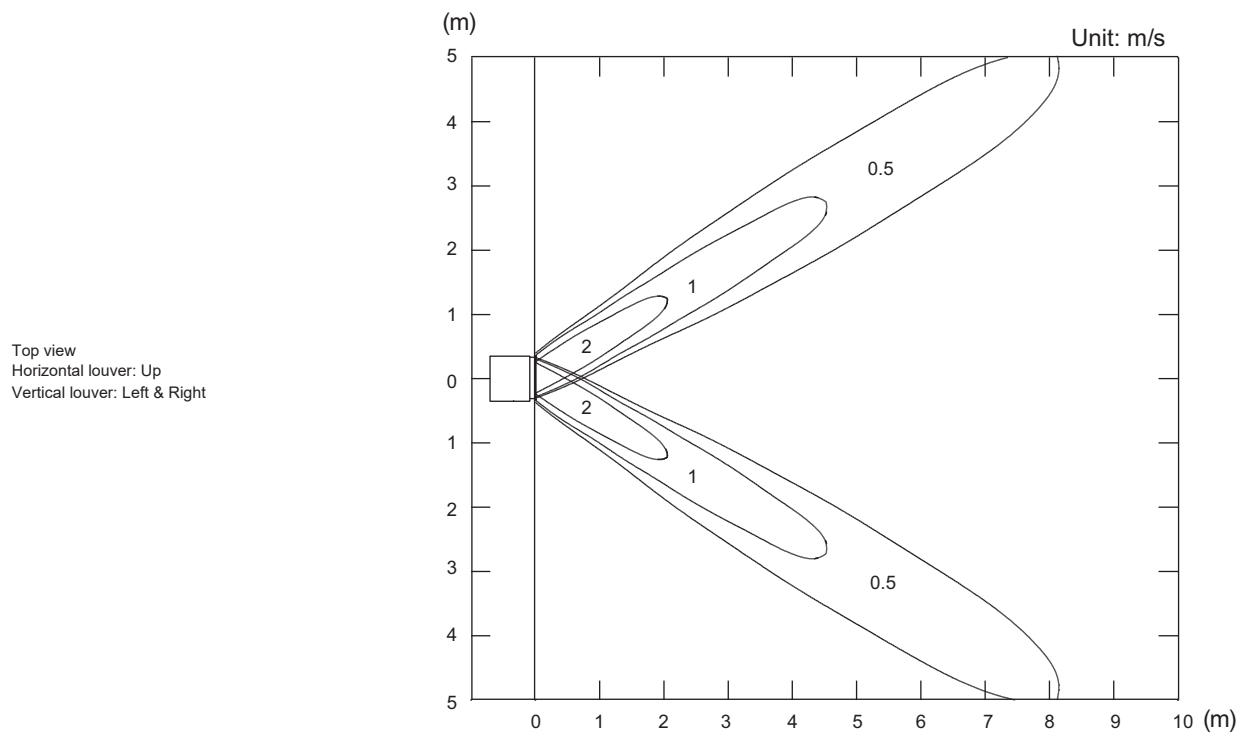
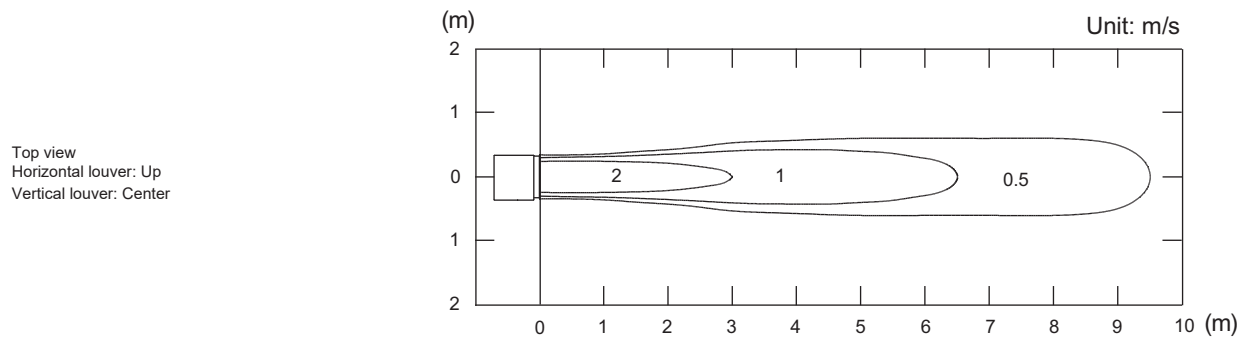


## Model: ARXG14KSLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

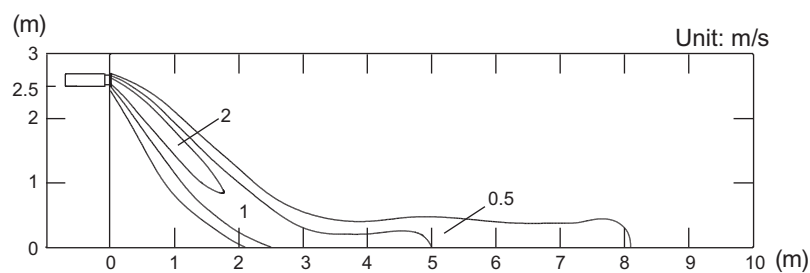
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

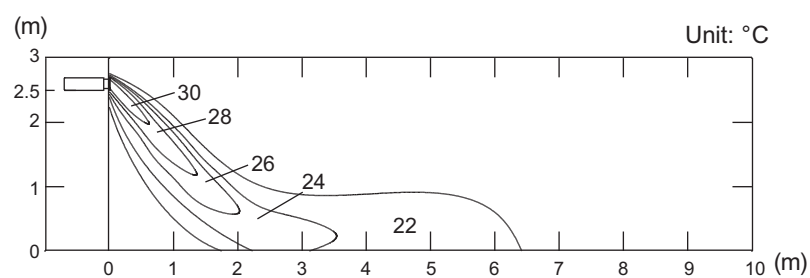
Side view  
Horizontal louver: Down  
Vertical louver: Center



- Air temperature distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

Side view  
Horizontal louver: Down  
Vertical louver: Center



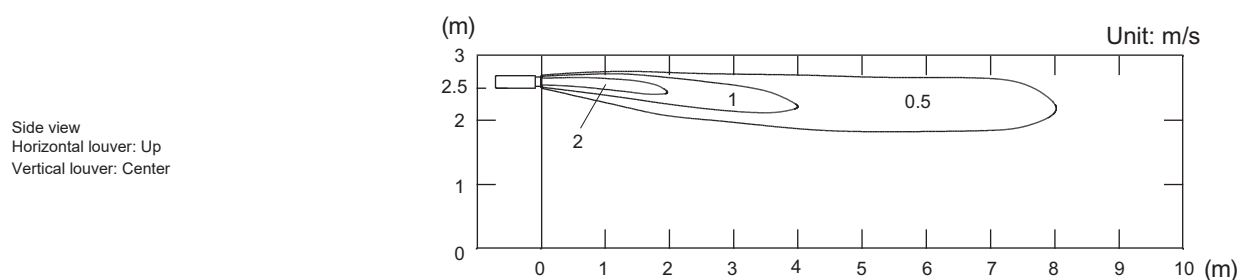
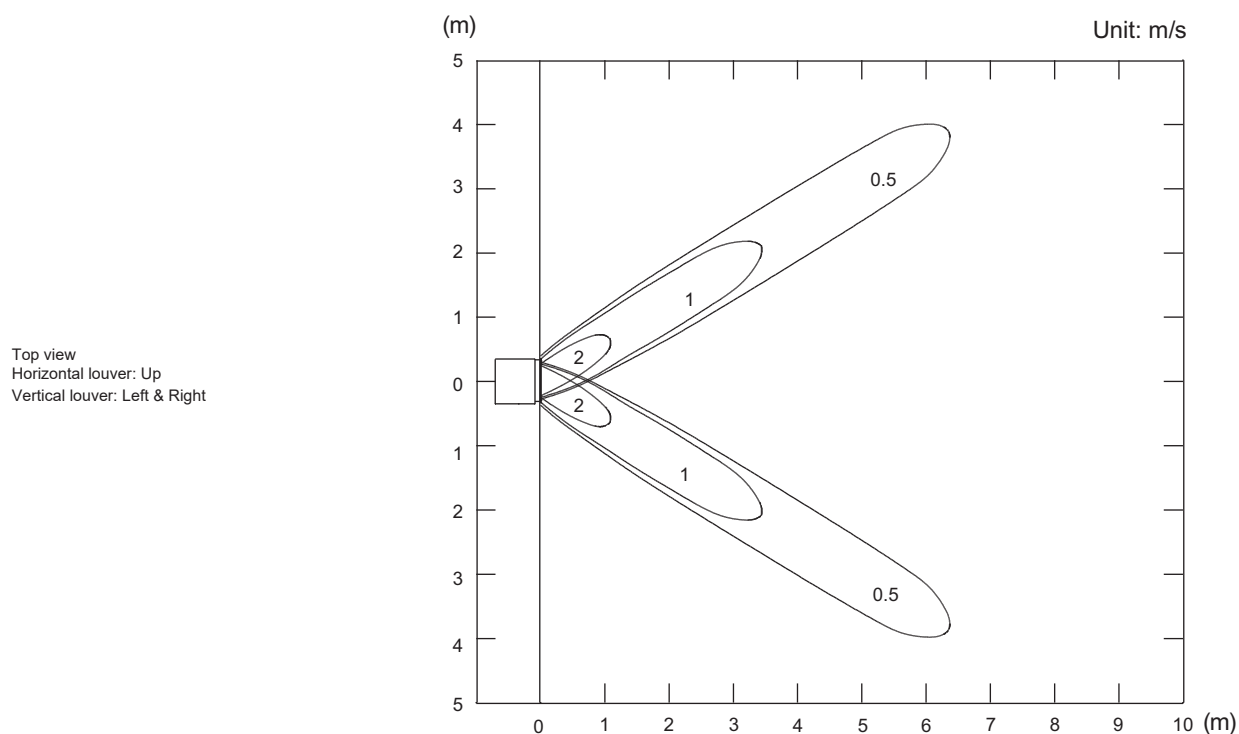
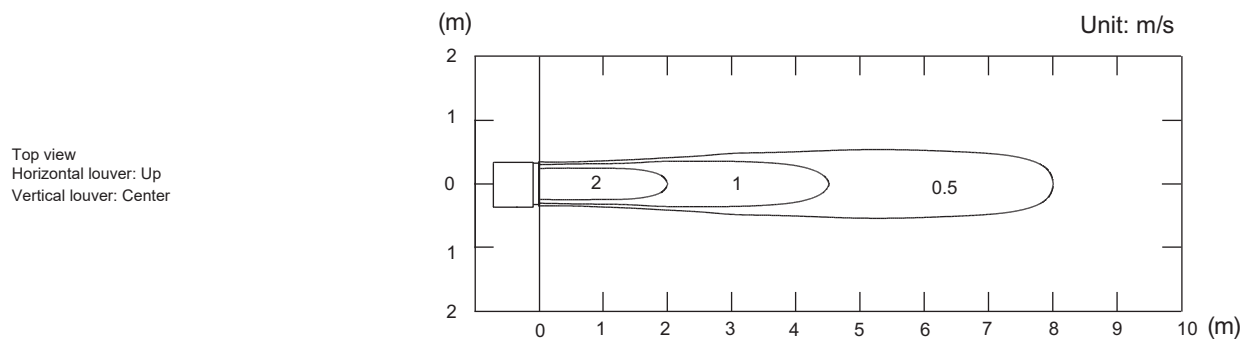
## 6-3. Slim duct type

### ■ Model: ARXG07KLLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

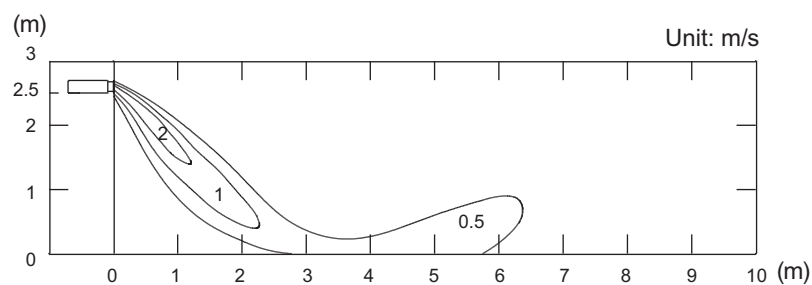
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

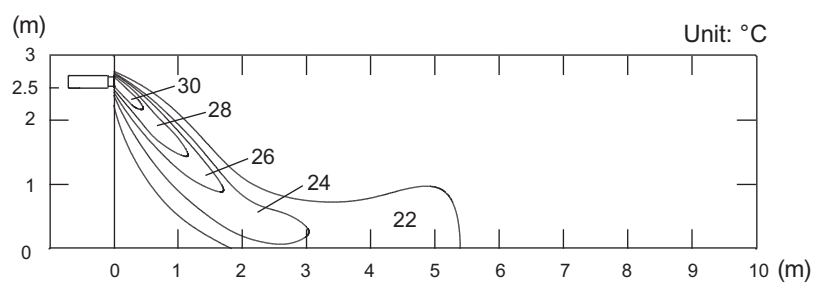
Side view  
Horizontal louver: Down  
Vertical louver: Center



- Air temperature distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

Side view  
Horizontal louver: Down  
Vertical louver: Center

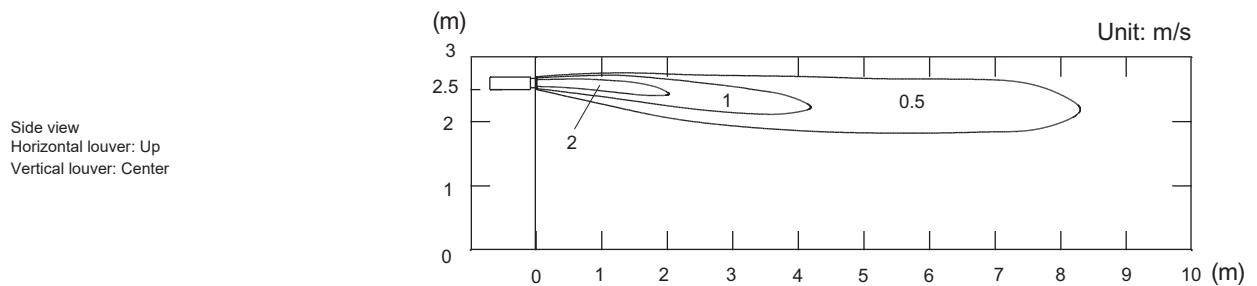
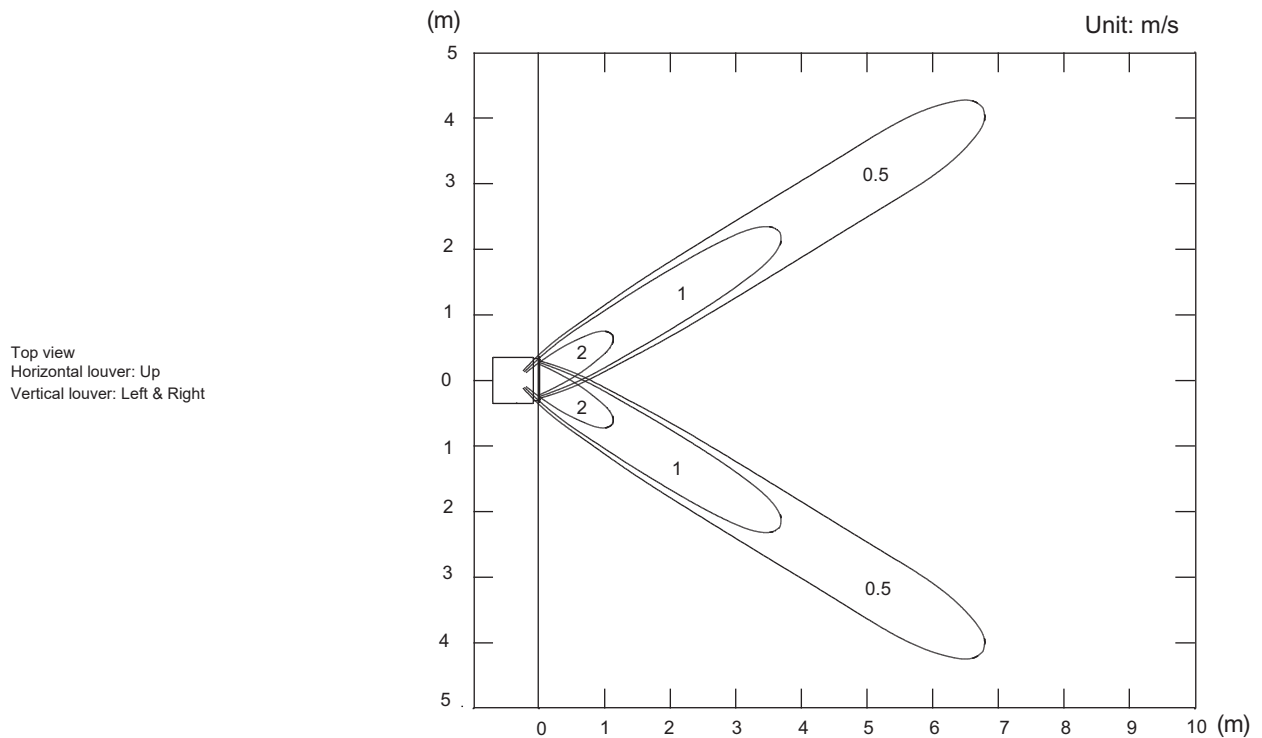
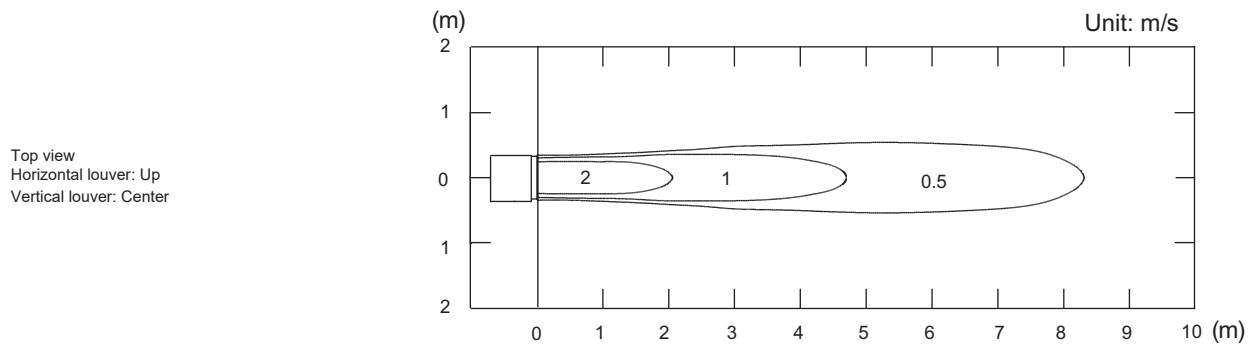


# Model: ARXG09KLLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

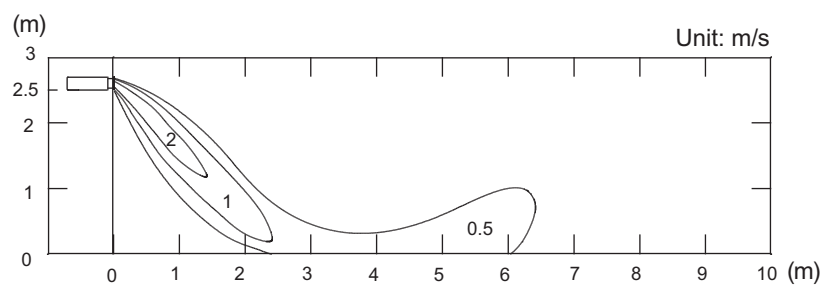
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

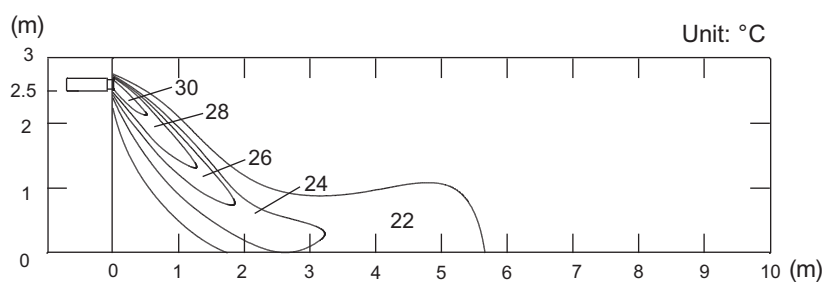
Side view  
Horizontal louver: Down  
Vertical louver: Center



- Air temperature distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

Side view  
Horizontal louver: Down  
Vertical louver: Center

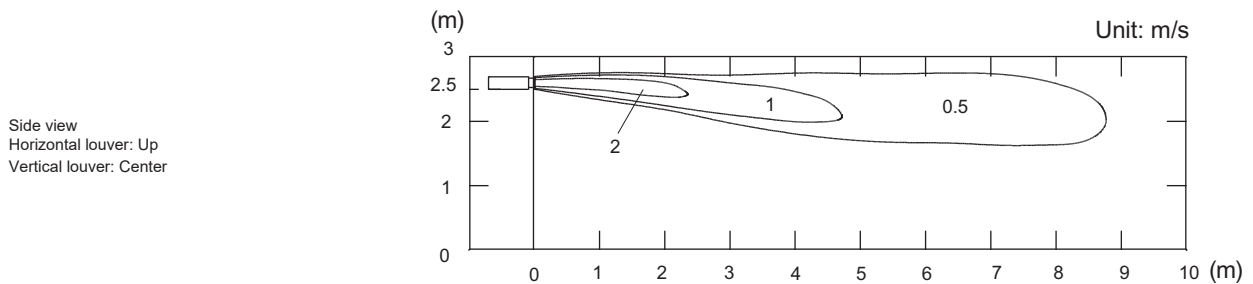
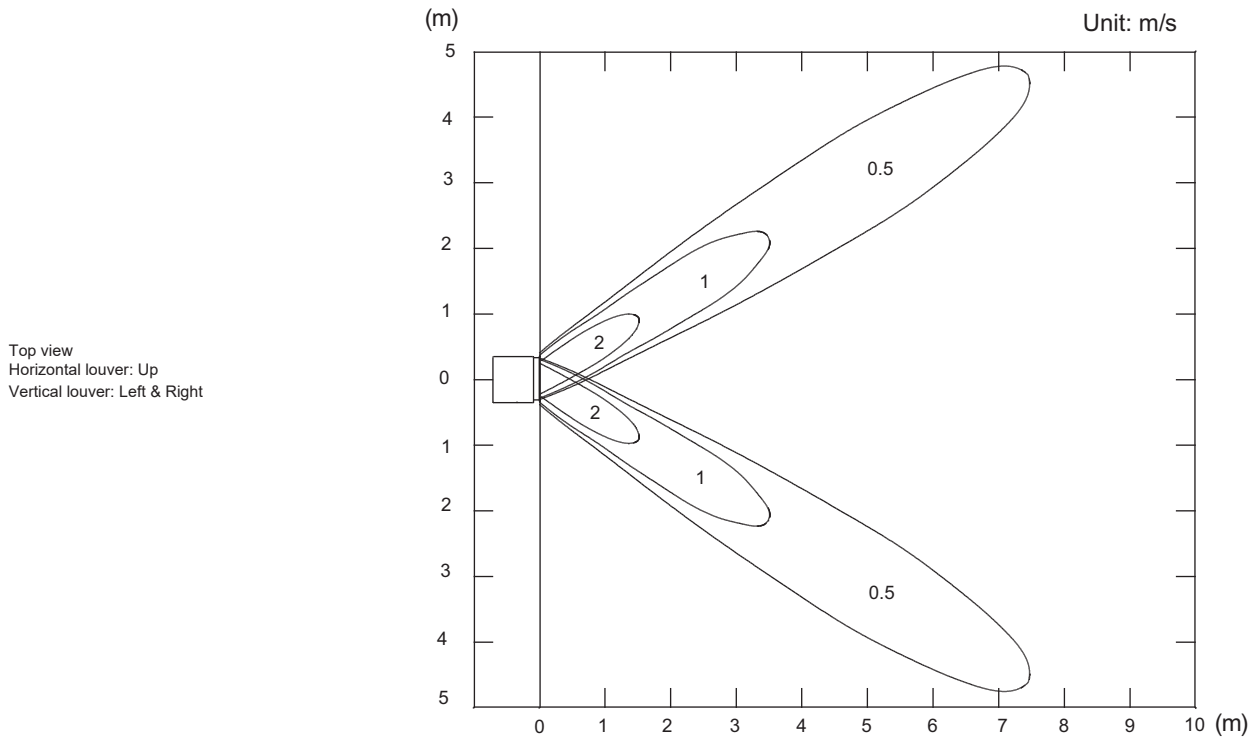
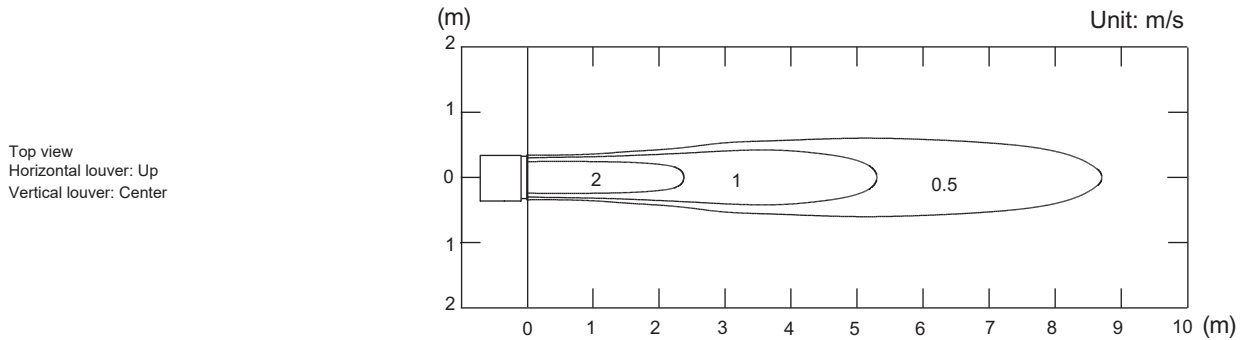


# Model: ARXG12KLLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

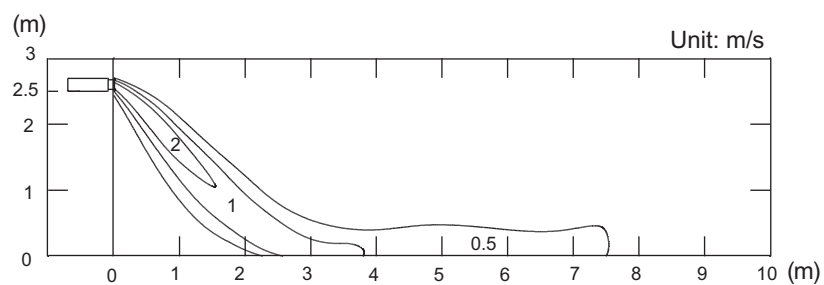
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

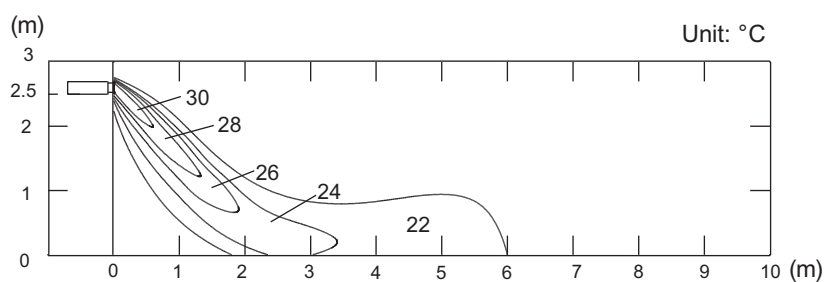
Side view  
Horizontal louver: Down  
Vertical louver: Center



- Air temperature distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

Side view  
Horizontal louver: Down  
Vertical louver: Center



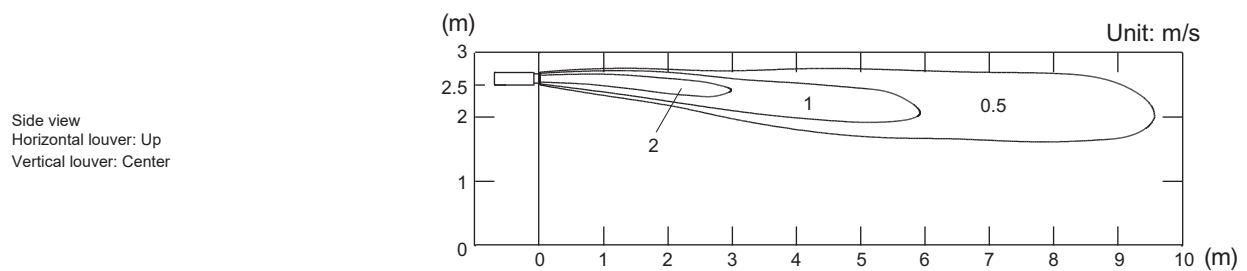
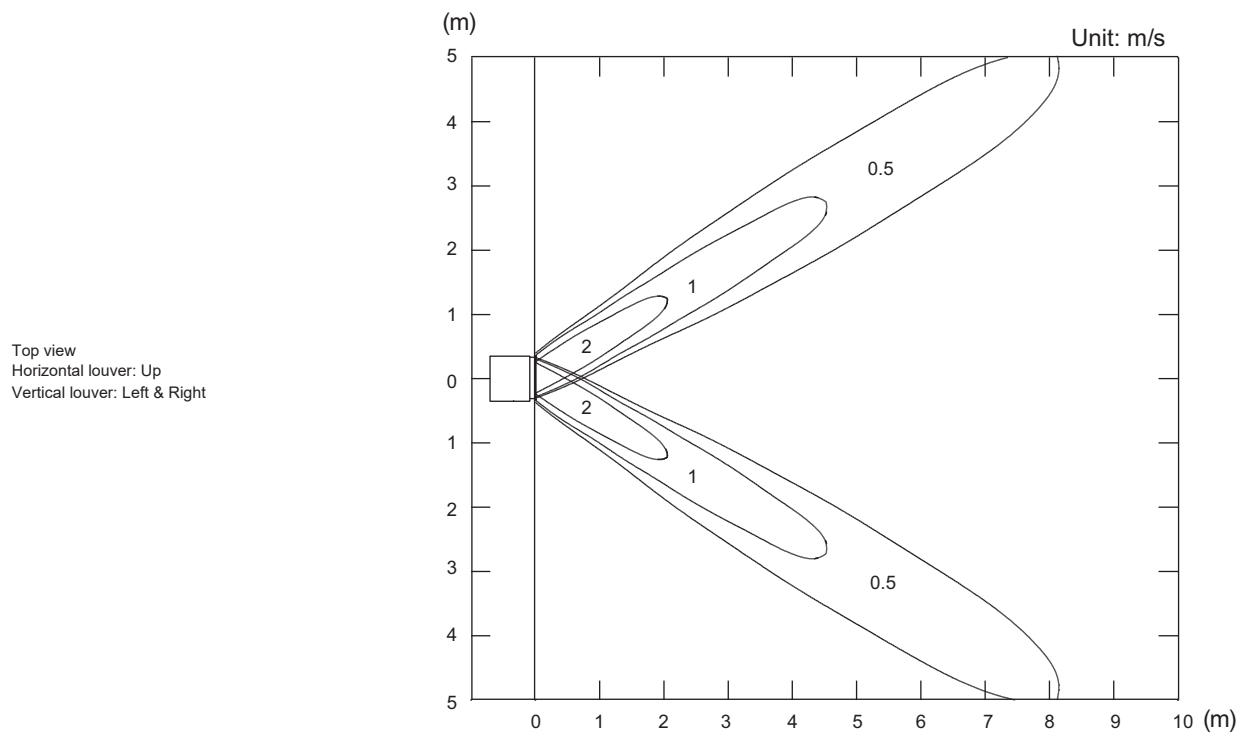
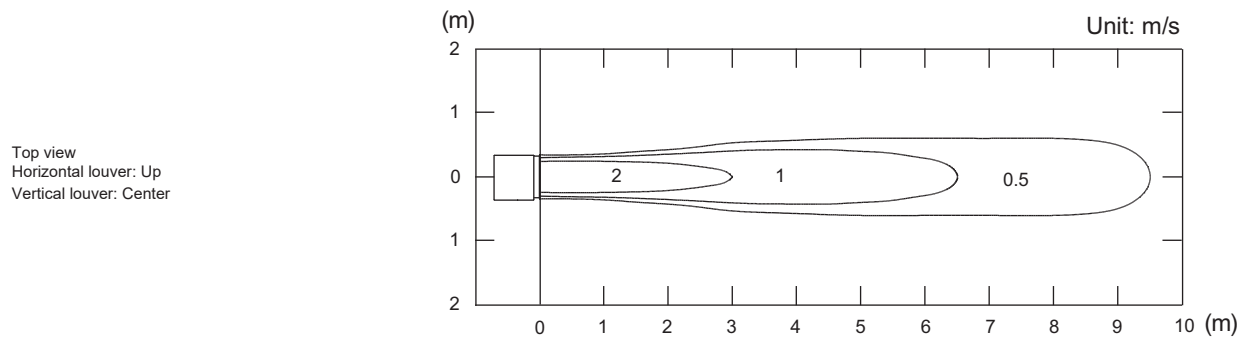


## Model: ARXG14KLLAP

**NOTE:** This data is measured after installing optional Auto louver grille kit.

- Air velocity distribution

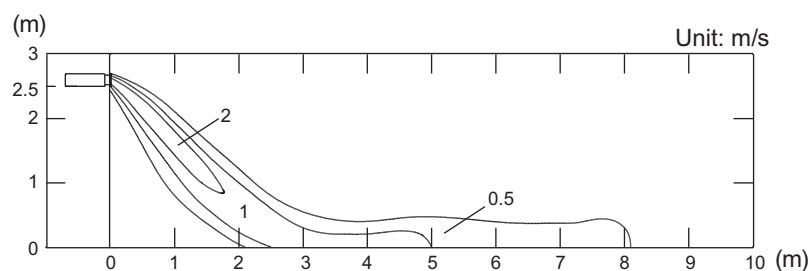
| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |



- Air velocity distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

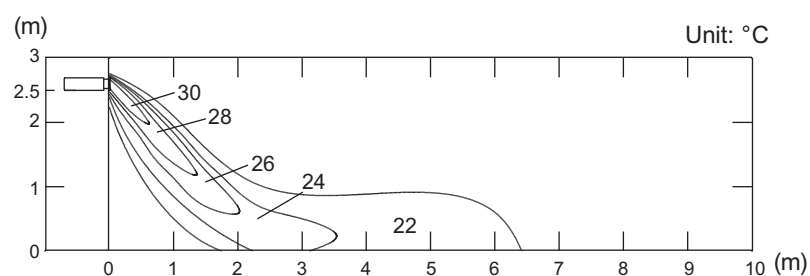
Side view  
Horizontal louver: Down  
Vertical louver: Center



- Air temperature distribution

|                      |           |                |
|----------------------|-----------|----------------|
| Measuring conditions | Fan speed | Operation mode |
|                      | HIGH      | HEAT           |

Side view  
Horizontal louver: Down  
Vertical louver: Center

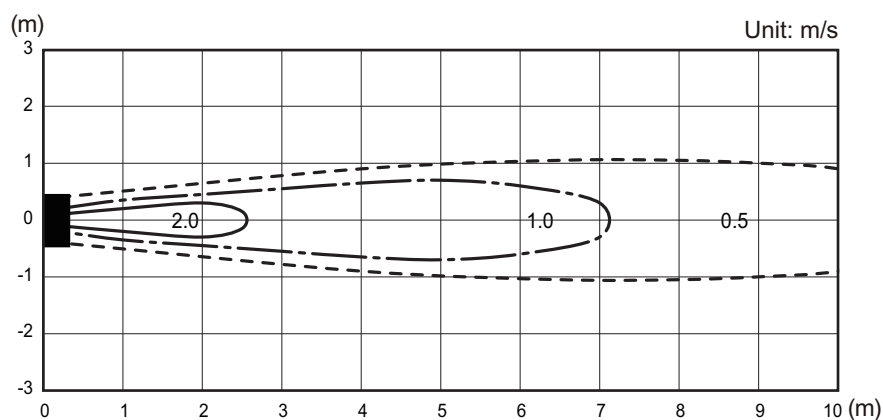


## 6-4. Wall mounted type

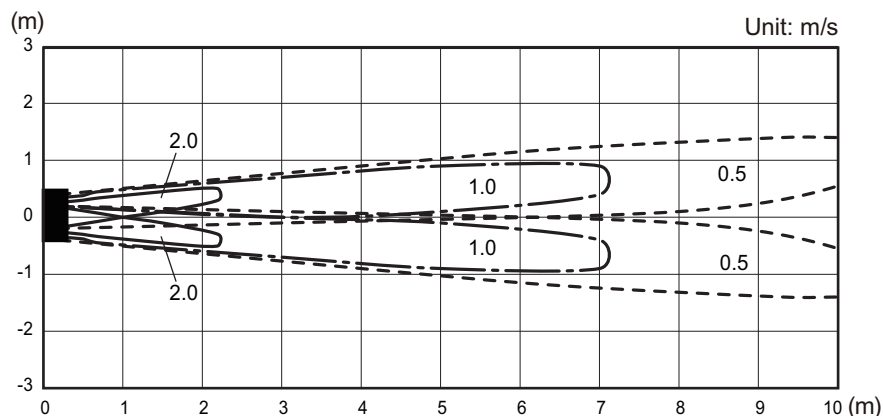
■ **Models: ASEH07-12KMCG, ASEH07-12KMCG-B, ASEG07-12KETF, ASEG07-12KETF-B, and ASEH07-09KGTG**

| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |

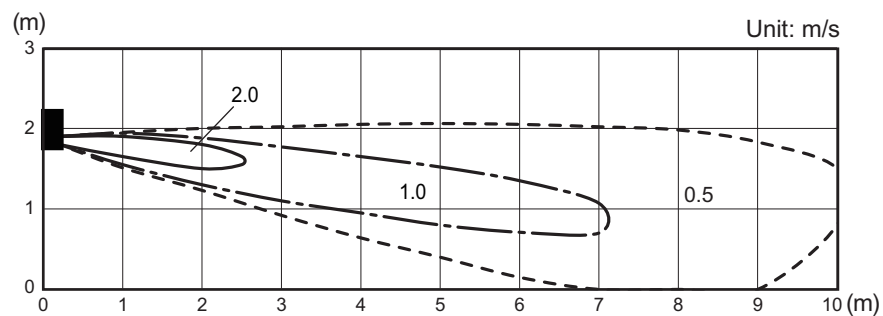
Top view  
Horizontal louver: Up  
Vertical louver: Center



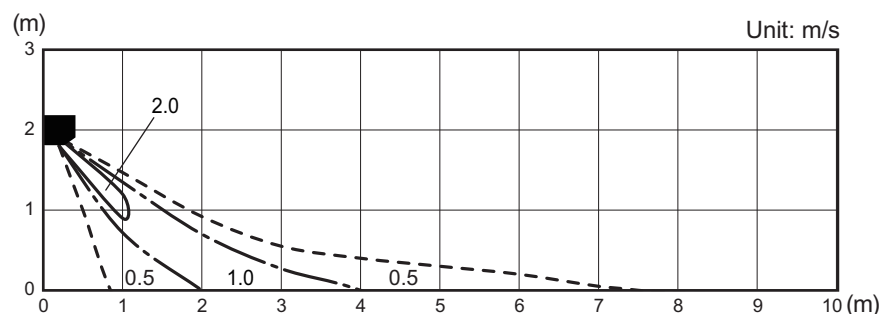
Top view  
Horizontal louver: Up  
Vertical louver: Left & Right



Side view  
Horizontal louver: Up  
Vertical louver: Center



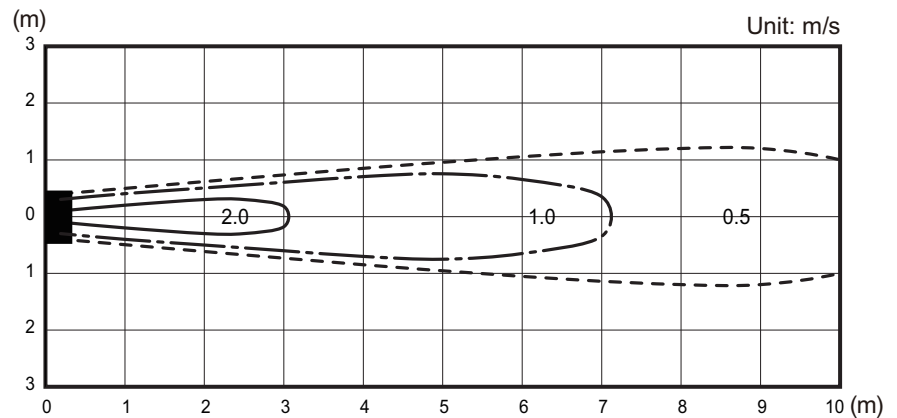
Side view  
Horizontal louver: Down  
Vertical louver: Center



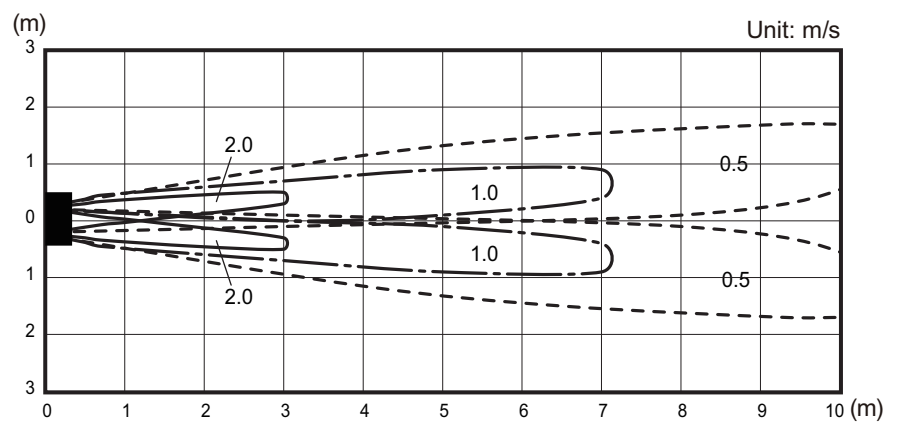
# ■ Models: ASEH14KMCG, ASEH14KMCG-B, ASEG14KETF, ASEG14KETF-B, and ASEH12-14KGTG

| Measuring conditions | Fan speed | Operation mode |
|----------------------|-----------|----------------|
|                      | HIGH      | FAN            |

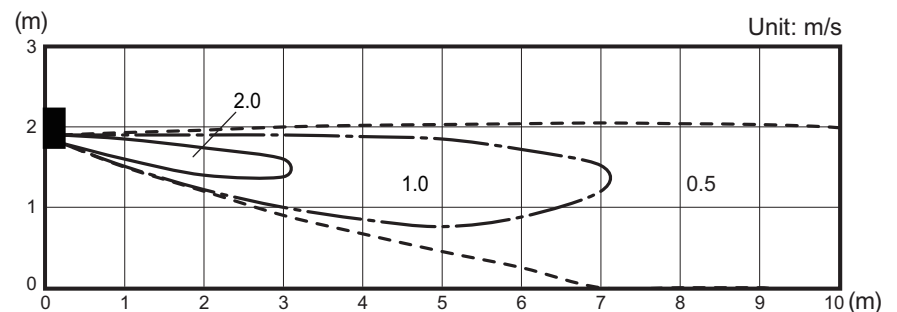
Top view  
Horizontal louver: Up  
Vertical louver: Center



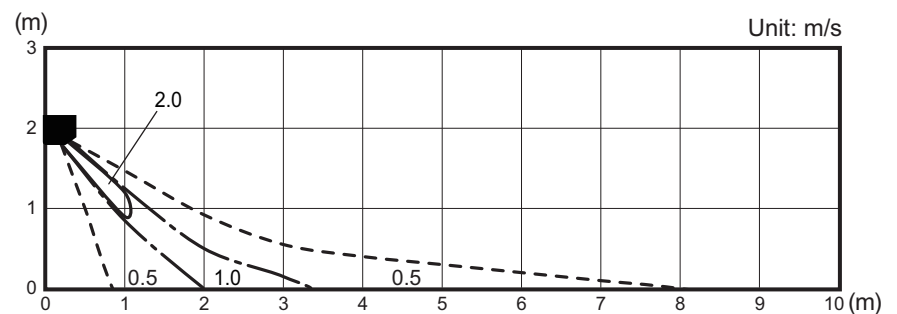
Top view  
Horizontal louver: Up  
Vertical louver: Left & Right



Side view  
Horizontal louver: Up  
Vertical louver: Center



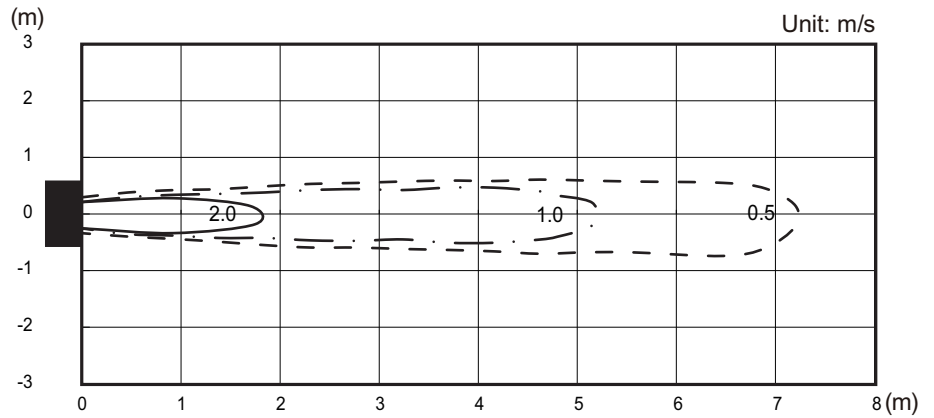
Side view  
Horizontal louver: Down  
Vertical louver: Center



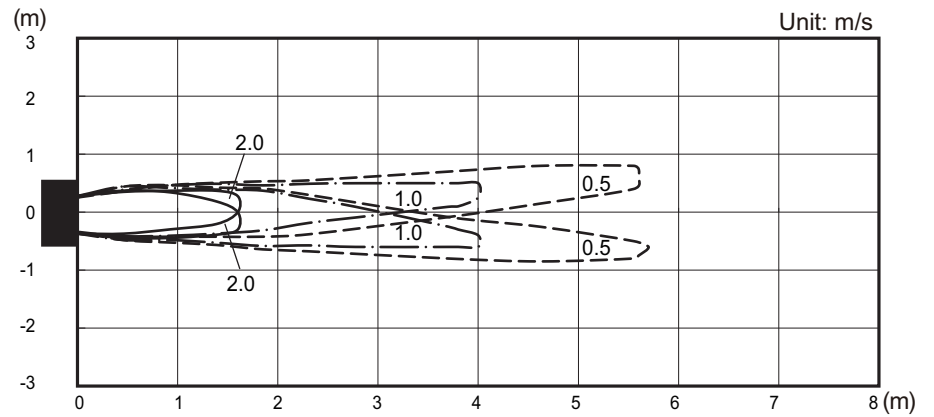
# Model: ASEH05KNCA

|                      |                   |                       |
|----------------------|-------------------|-----------------------|
| Measuring conditions | Fan speed<br>HIGH | Operation mode<br>FAN |
|----------------------|-------------------|-----------------------|

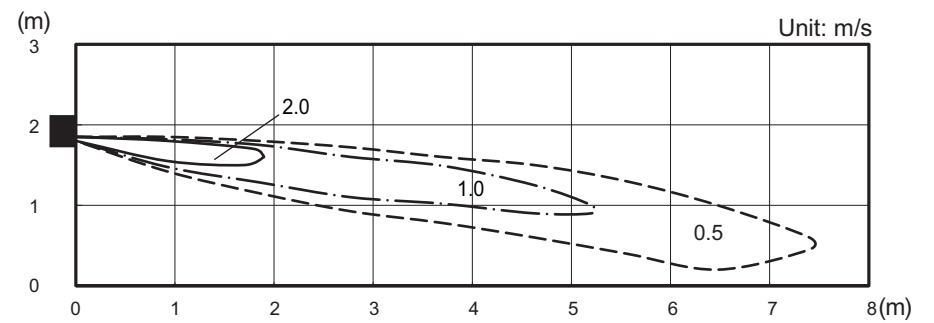
Top view  
Horizontal louver: Up  
Vertical louver: Center



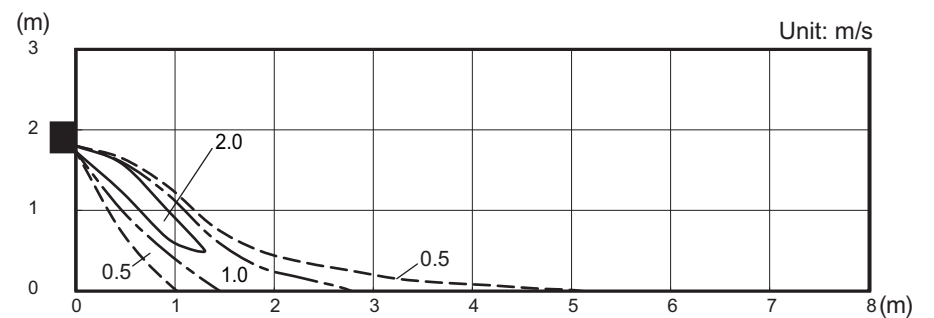
Top view  
Horizontal louver: Up  
Vertical louver: Left & Right



Side view  
Horizontal louver: Up  
Vertical louver: Center



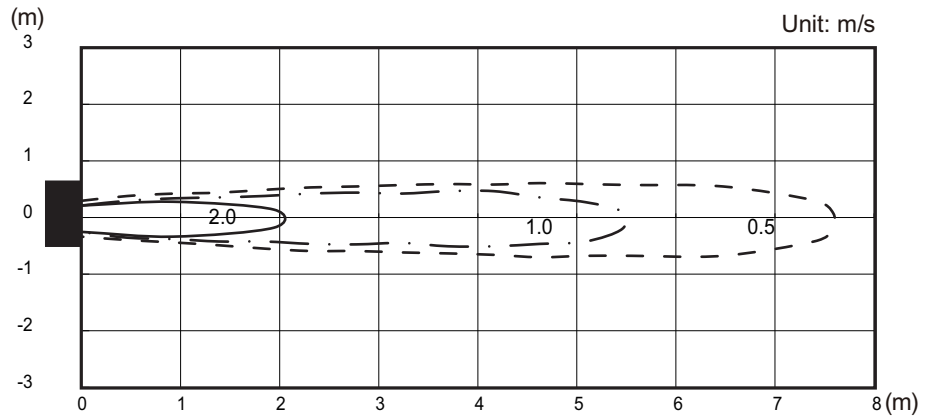
Side view  
Horizontal louver: Down  
Vertical louver: Center



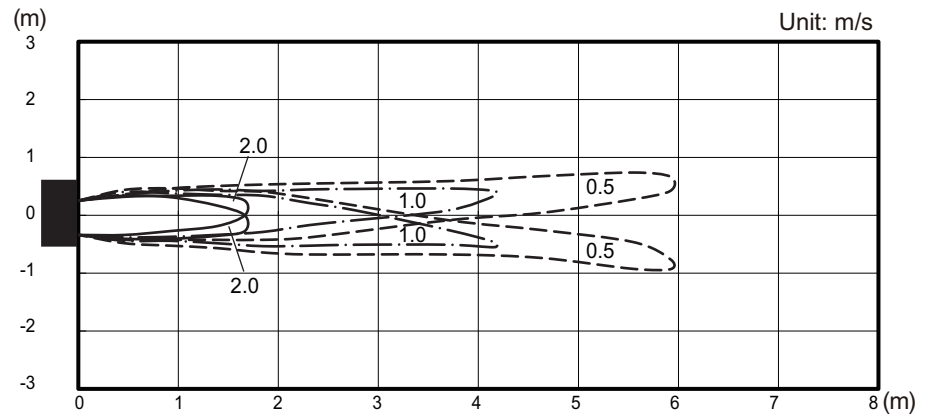
# Model: ASEH07KNCA

|                      |                   |                       |
|----------------------|-------------------|-----------------------|
| Measuring conditions | Fan speed<br>HIGH | Operation mode<br>FAN |
|----------------------|-------------------|-----------------------|

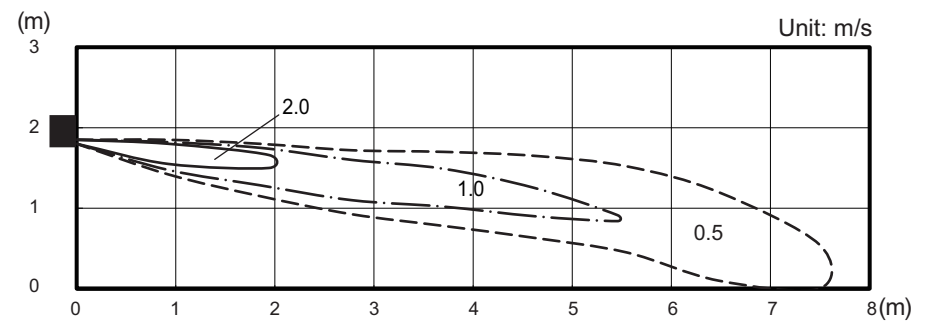
Top view  
Horizontal louver: Up  
Vertical louver: Center



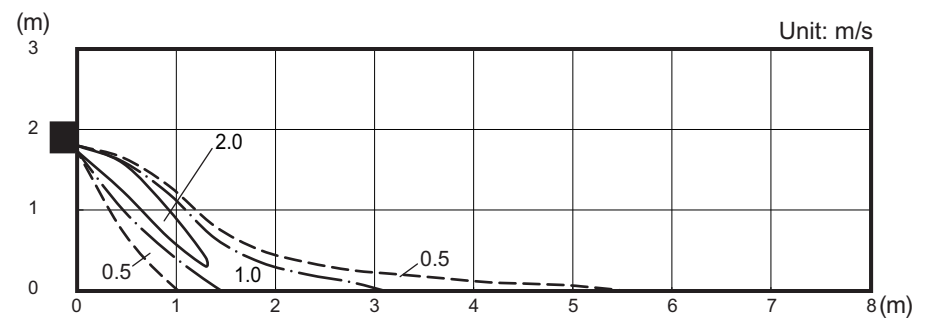
Top view  
Horizontal louver: Up  
Vertical louver: Left & Right



Side view  
Horizontal louver: Up  
Vertical louver: Center



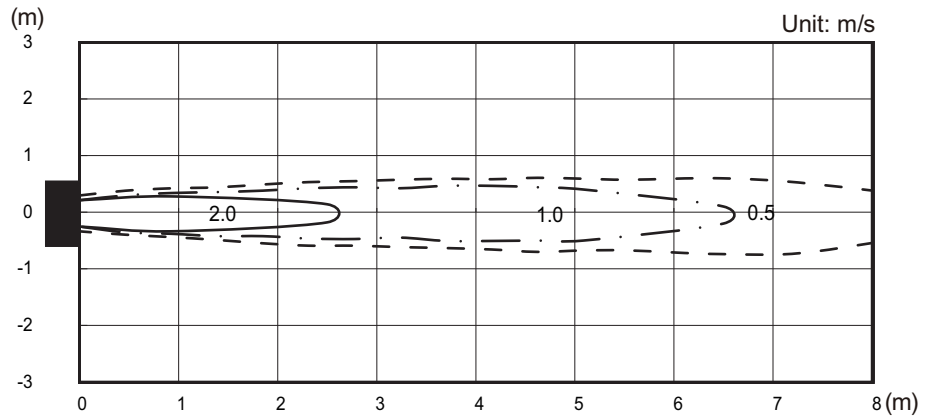
Side view  
Horizontal louver: Down  
Vertical louver: Center



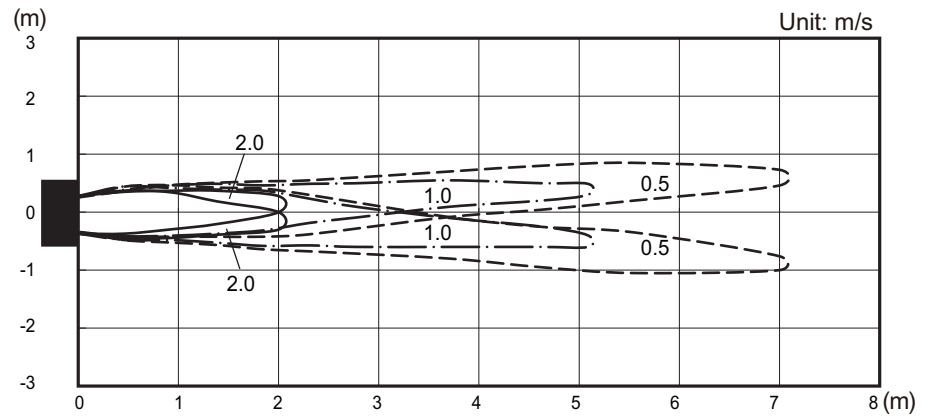
# Model: ASEH09KNCA

|                      |                   |                       |
|----------------------|-------------------|-----------------------|
| Measuring conditions | Fan speed<br>HIGH | Operation mode<br>FAN |
|----------------------|-------------------|-----------------------|

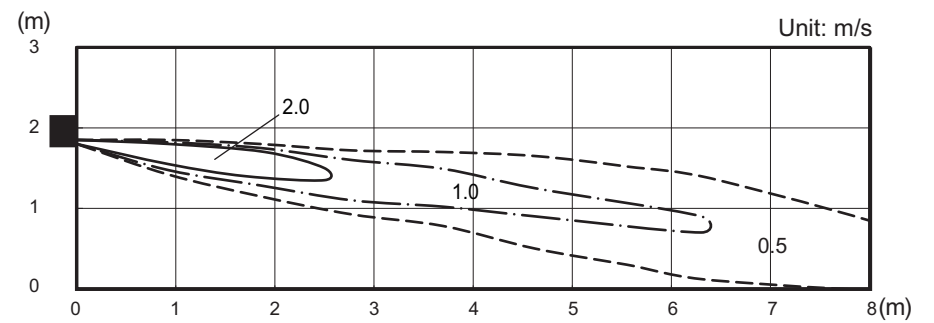
Top view  
Horizontal louver: Up  
Vertical louver: Center



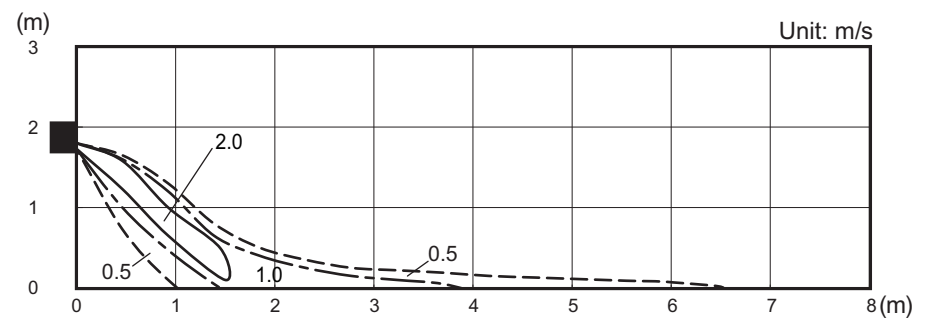
Top view  
Horizontal louver: Up  
Vertical louver: Left & Right



Side view  
Horizontal louver: Up  
Vertical louver: Center



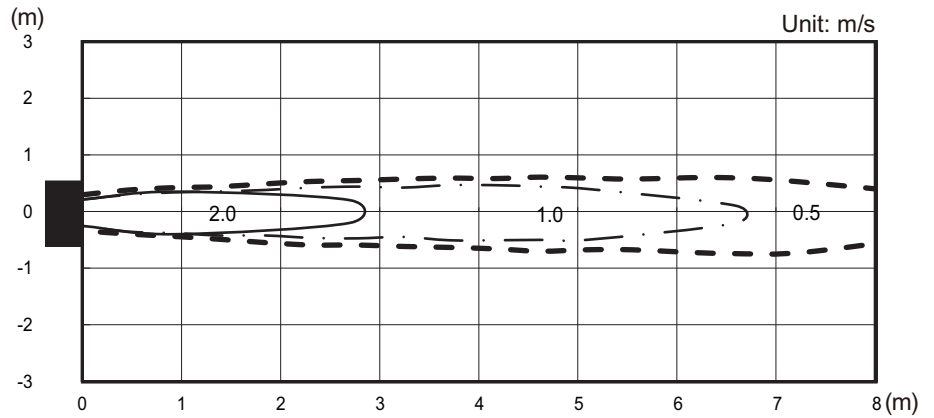
Side view  
Horizontal louver: Down  
Vertical louver: Center



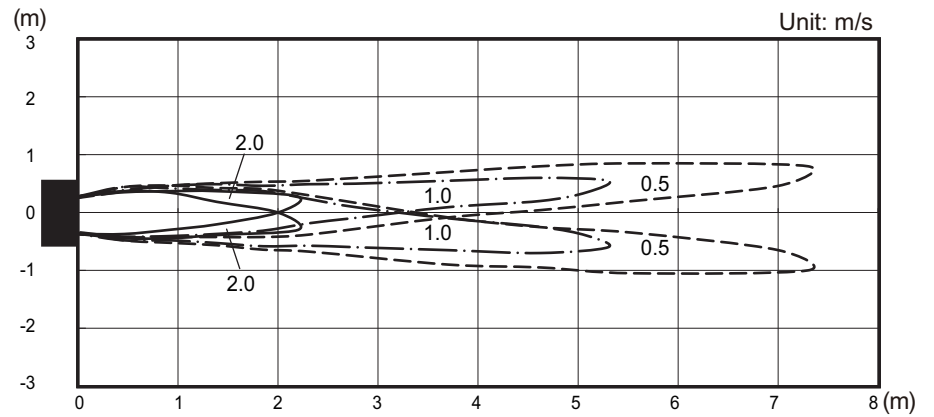
# Model: ASEH12KNCA

|                      |                   |                       |
|----------------------|-------------------|-----------------------|
| Measuring conditions | Fan speed<br>HIGH | Operation mode<br>FAN |
|----------------------|-------------------|-----------------------|

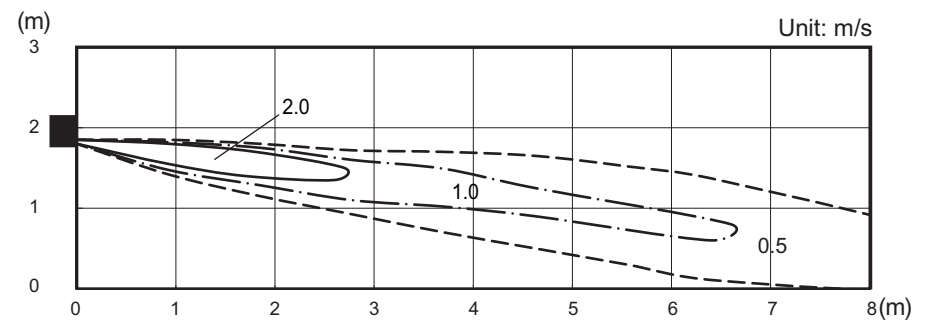
Top view  
Horizontal louver: Up  
Vertical louver: Center



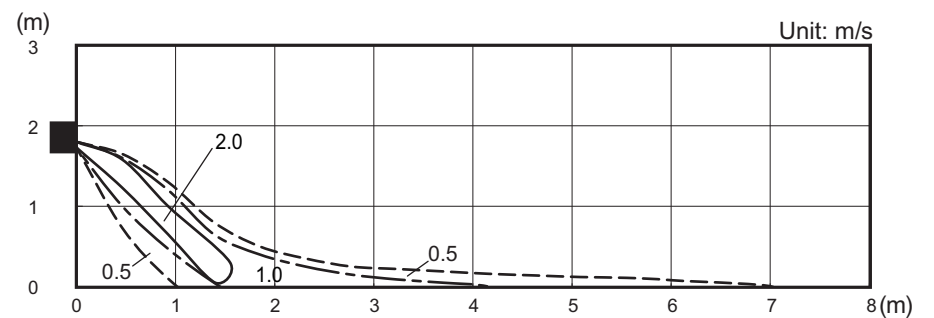
Top view  
Horizontal louver: Up  
Vertical louver: Left & Right



Side view  
Horizontal louver: Up  
Vertical louver: Center



Side view  
Horizontal louver: Down  
Vertical louver: Center



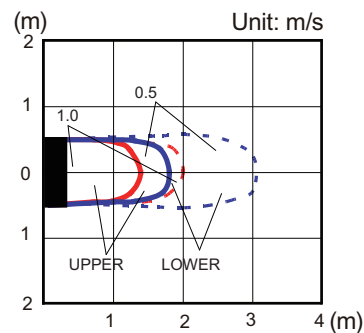


## 6-5. Floor type

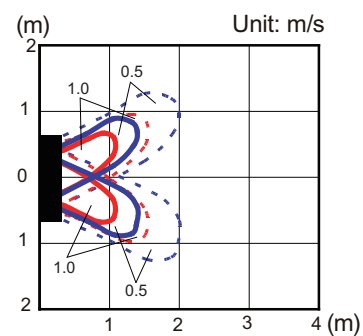
### ■ Models: AGE09-14KVCA

|                      |                   |                       |                               |
|----------------------|-------------------|-----------------------|-------------------------------|
| Measuring conditions | Fan speed<br>HIGH | Operation mode<br>FAN | Fan select<br>Upper and lower |
|----------------------|-------------------|-----------------------|-------------------------------|

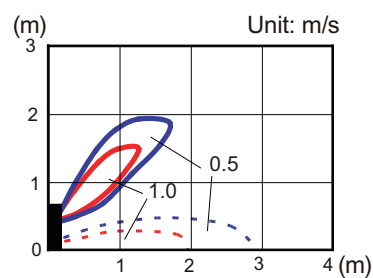
Top view  
Horizontal louver: Up  
Vertical louver: Center



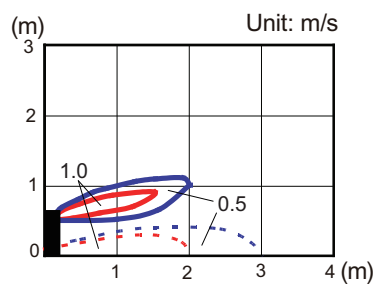
Top view  
Horizontal louver: Up  
Vertical louver: Left & Right



Side view  
Horizontal louver: Up  
Vertical louver: Center



Side view  
Horizontal louver: Down  
Vertical louver: Center

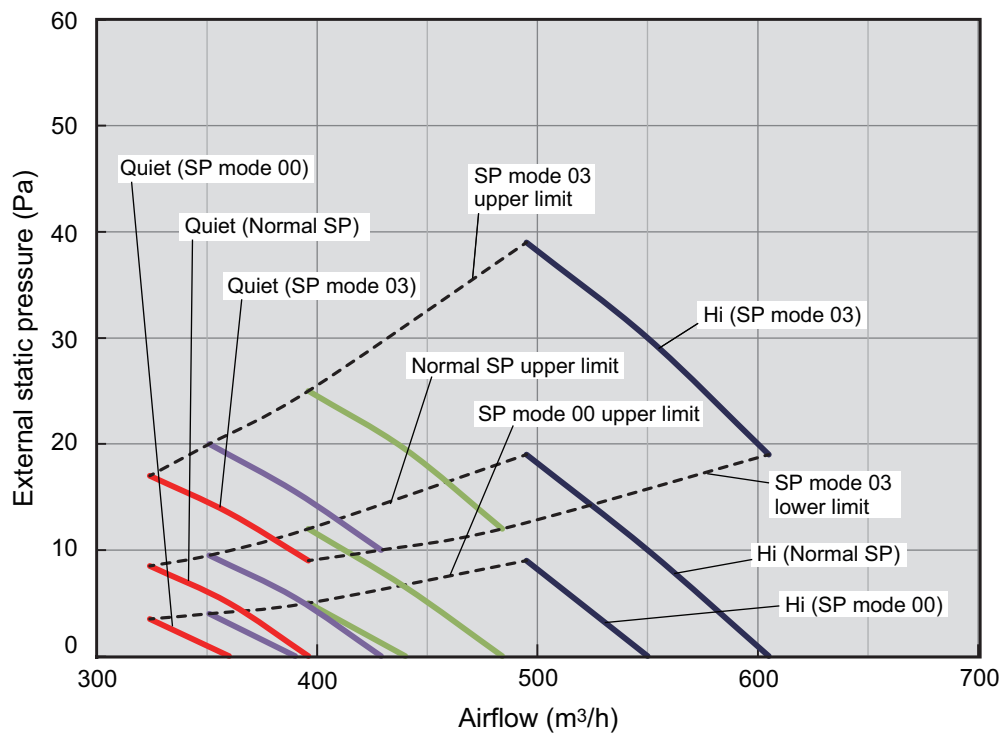


## 7. Fan performance

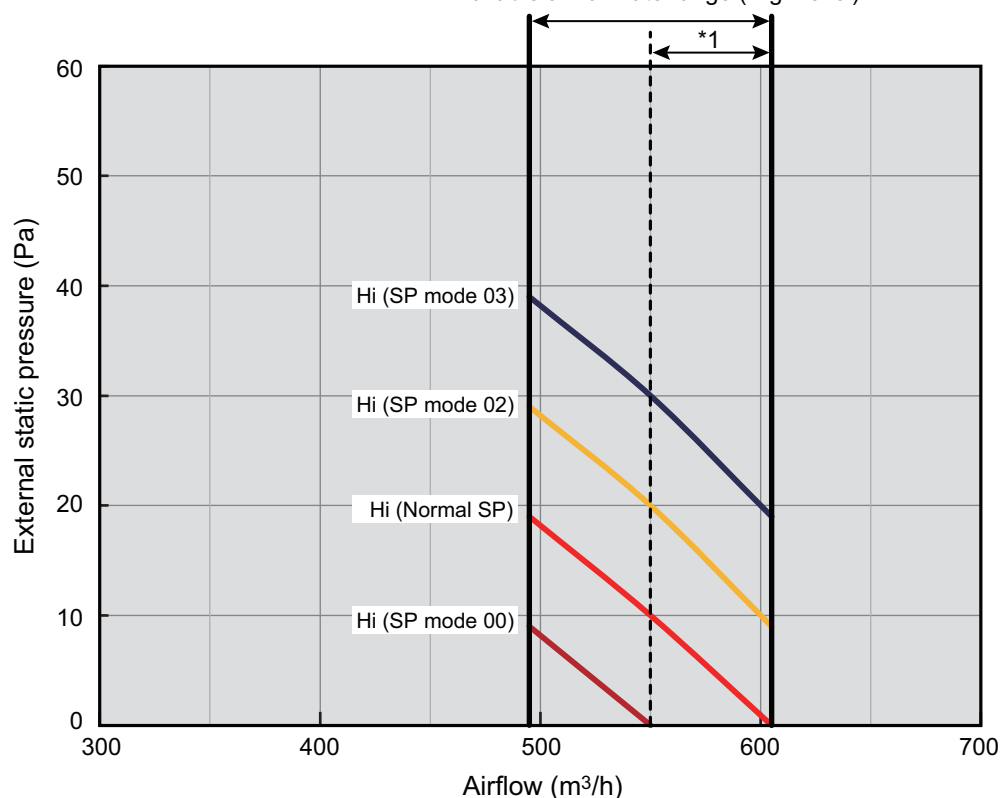
**NOTE:** Airflow and capacity/outlet temperature curve data are measured based on the same conditions mentioned in "Specifications".

### 7-1. Mini duct type

#### ■ Model: ARXG07KSLAP



Available airflow rate range (High level)



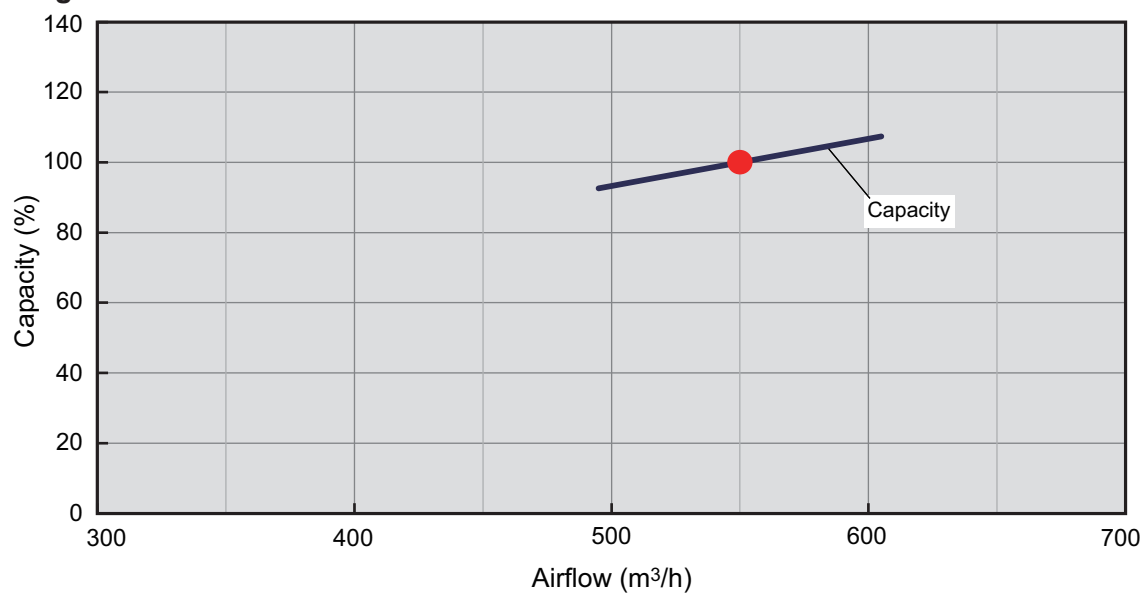
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

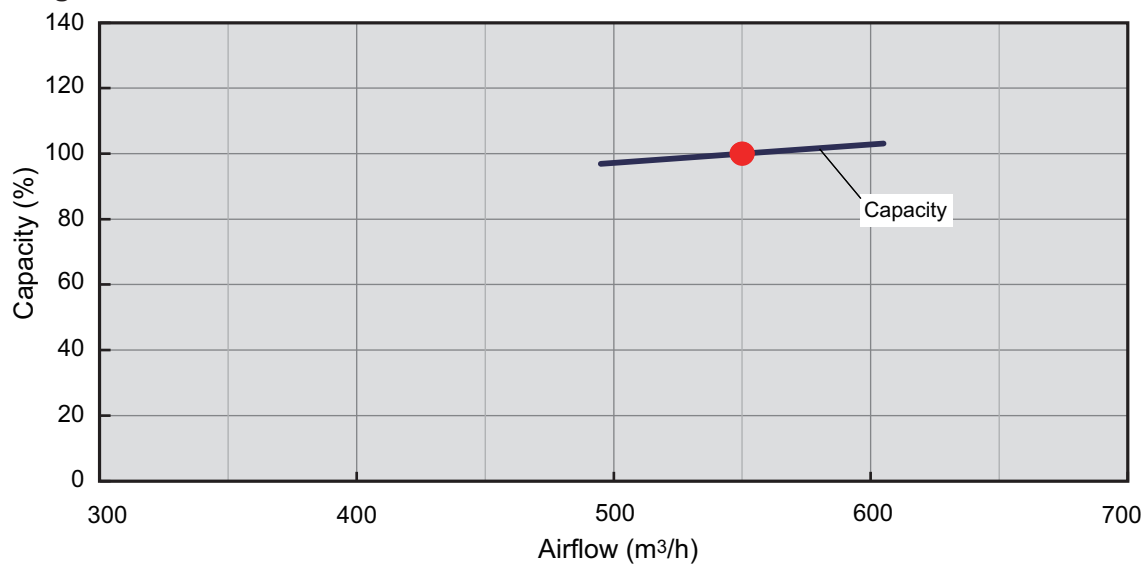
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

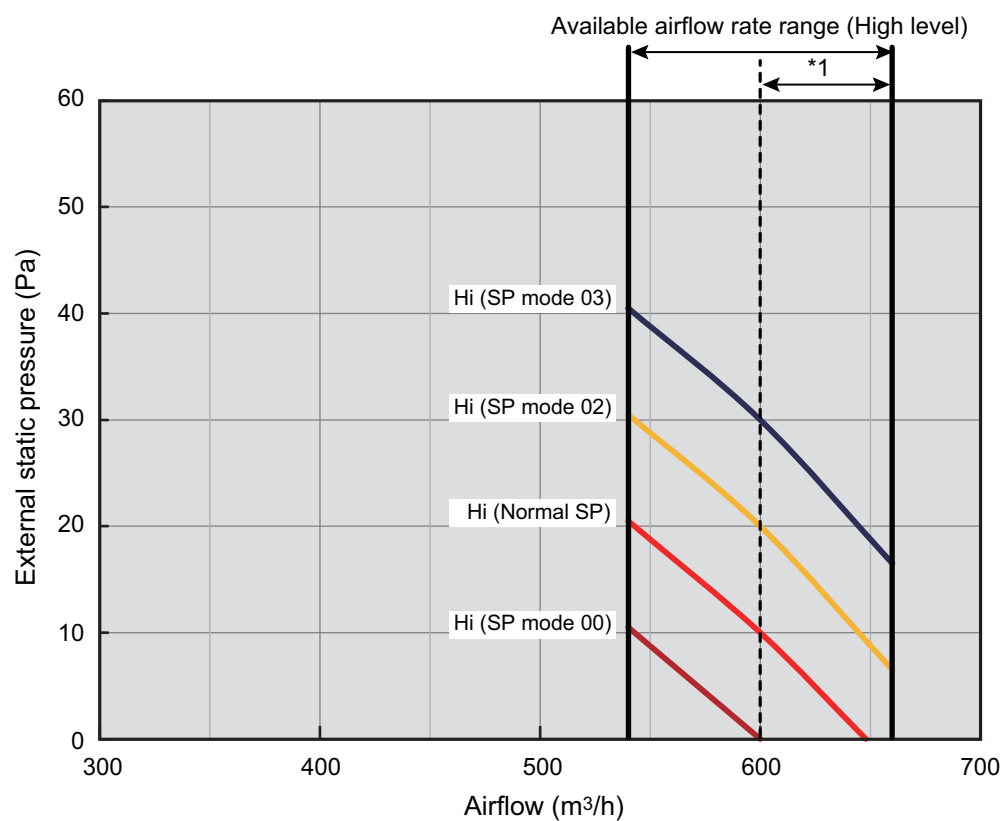
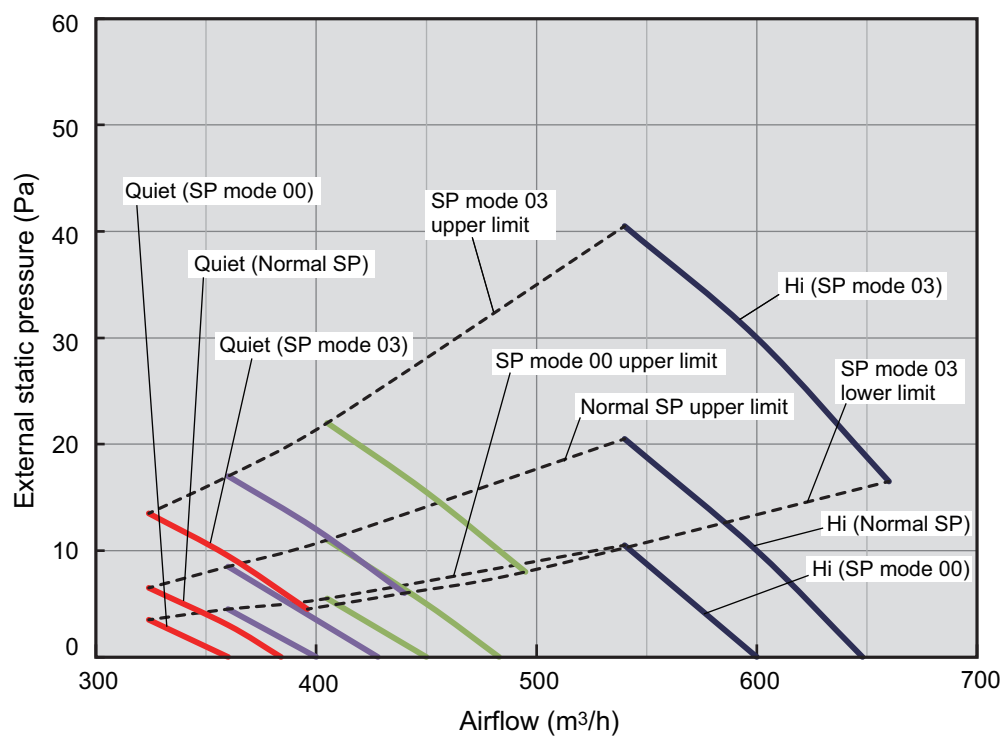
### • Cooling



### • Heating



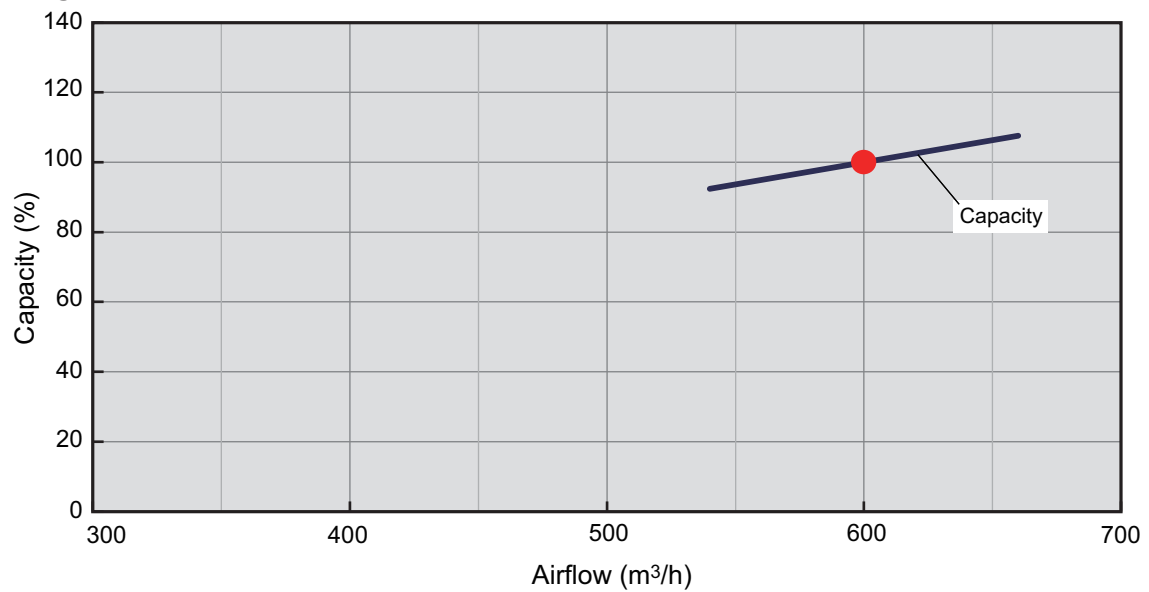
# Model: ARXG09KSLAP



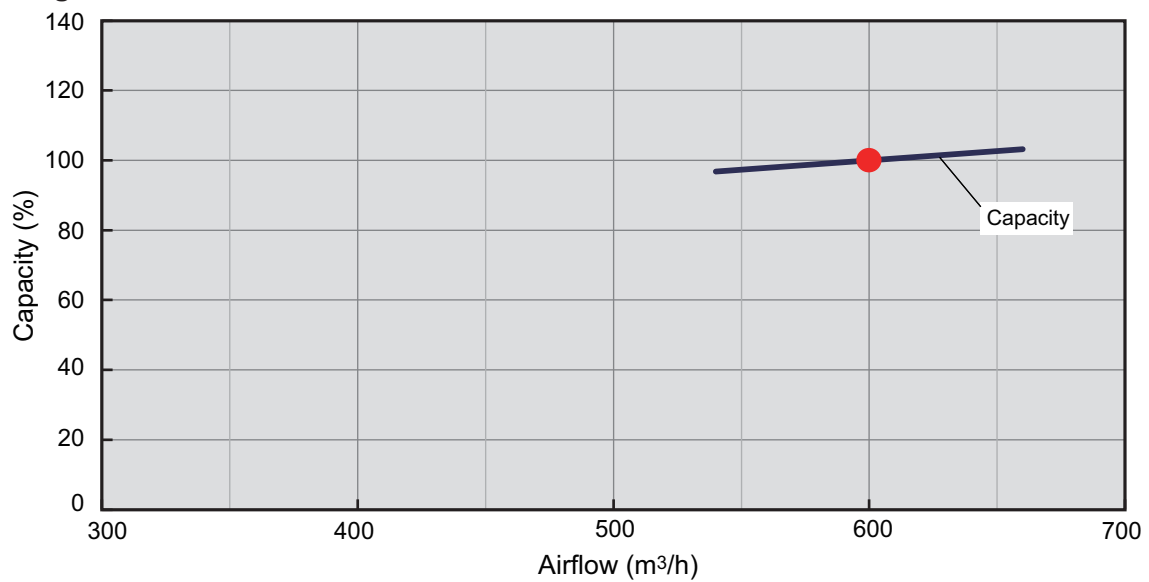
\*1: Available airflow rate range when Auto louver grille (option) is installed.  
 Fan speed: HIGH  
 Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

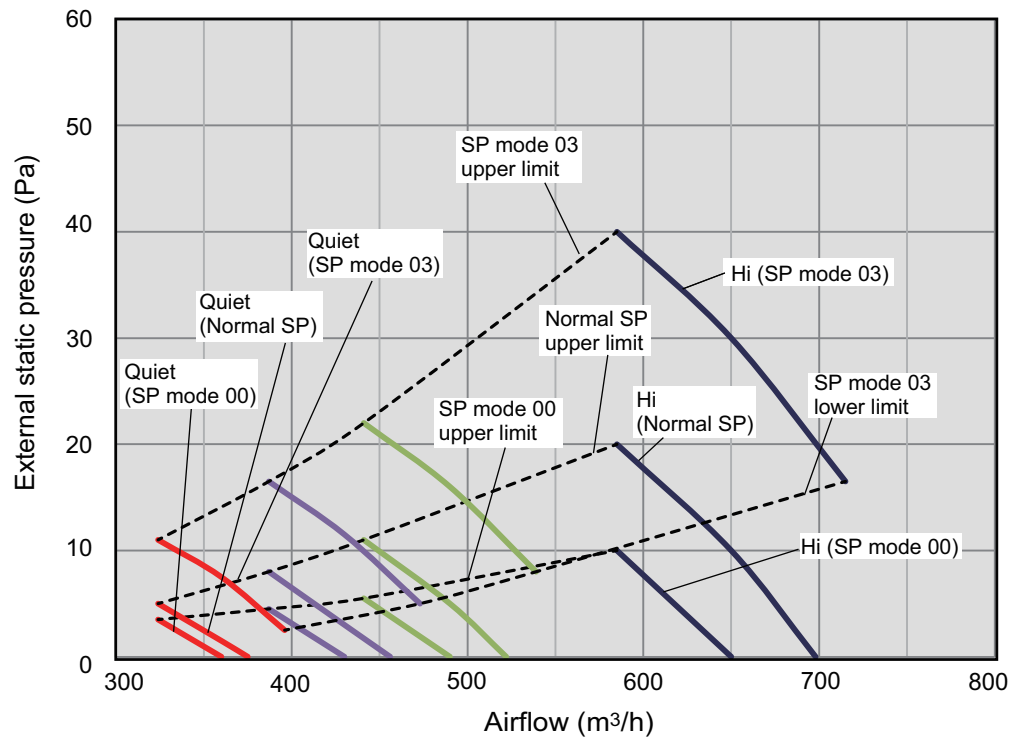
### • Cooling



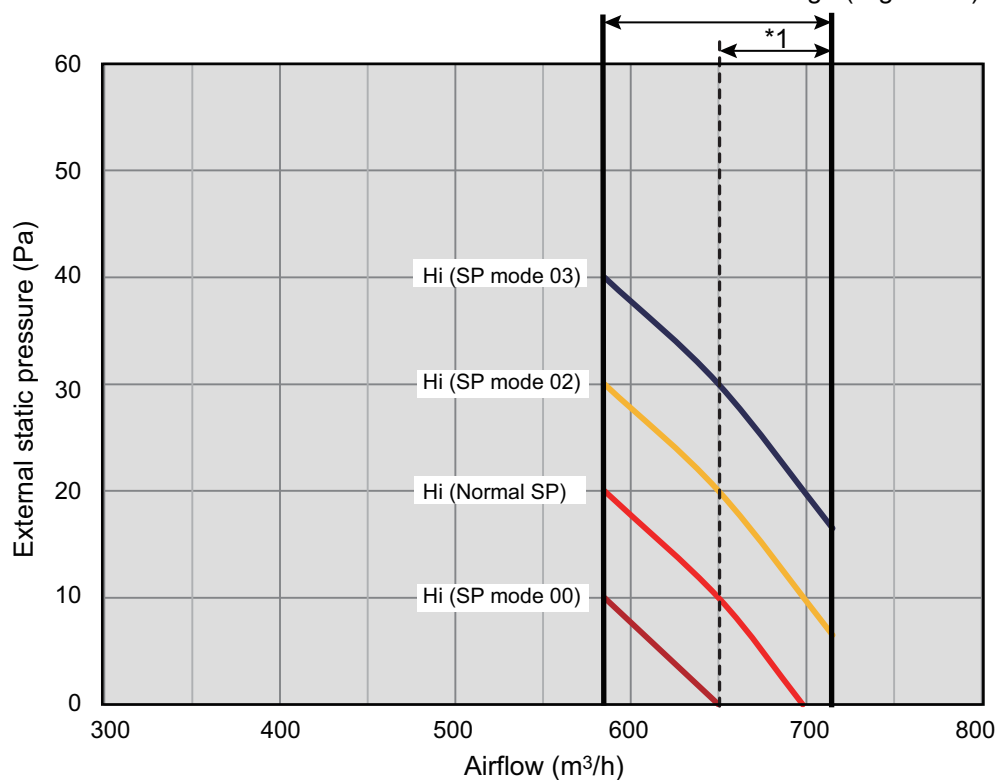
### • Heating



# Model: ARXG12KSLAP



Available airflow rate range (High level)



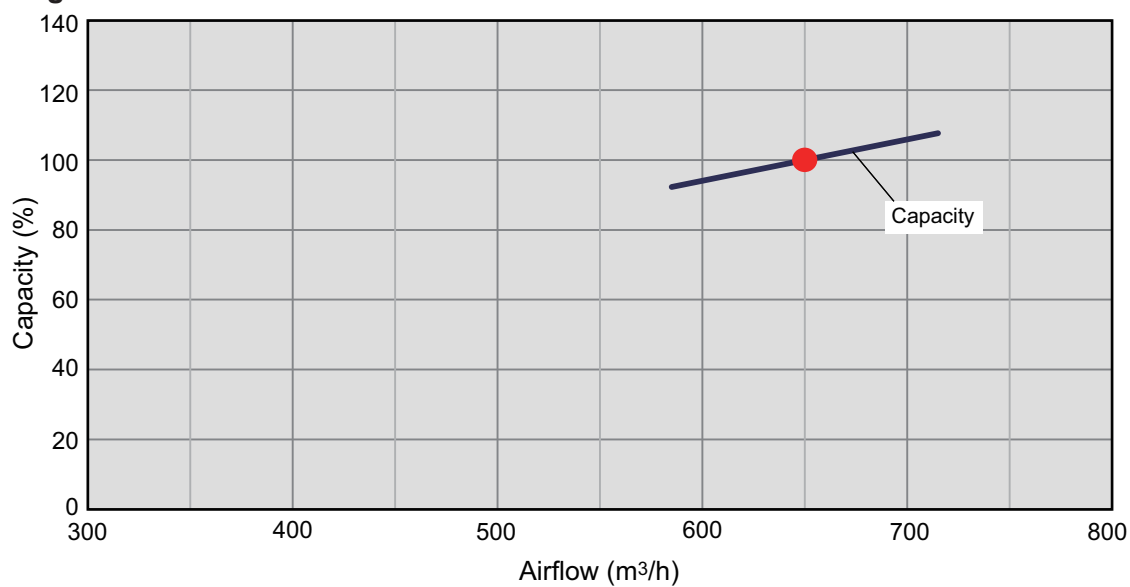
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

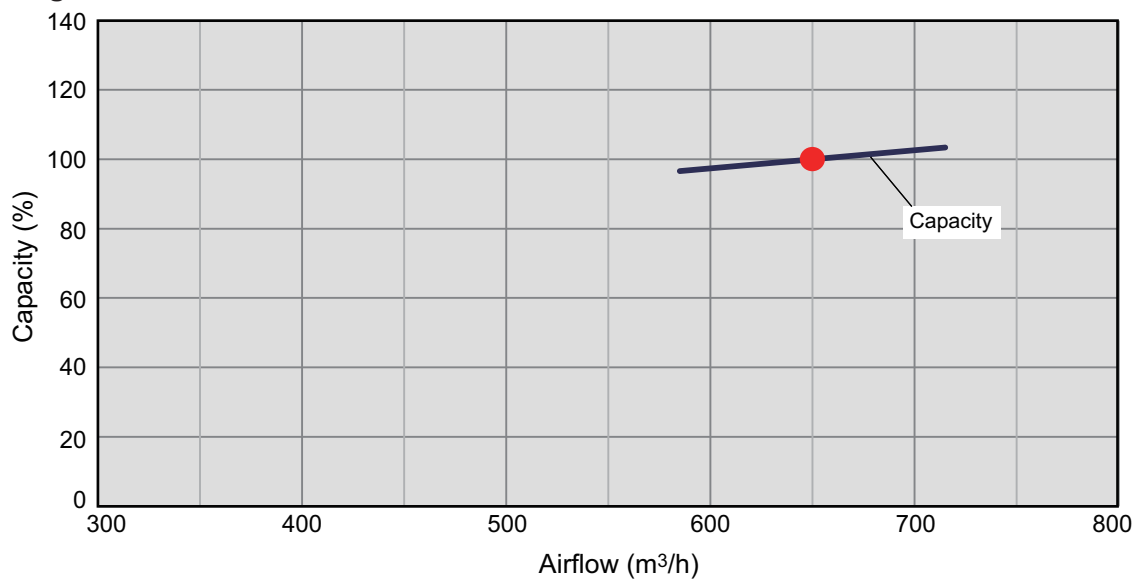
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

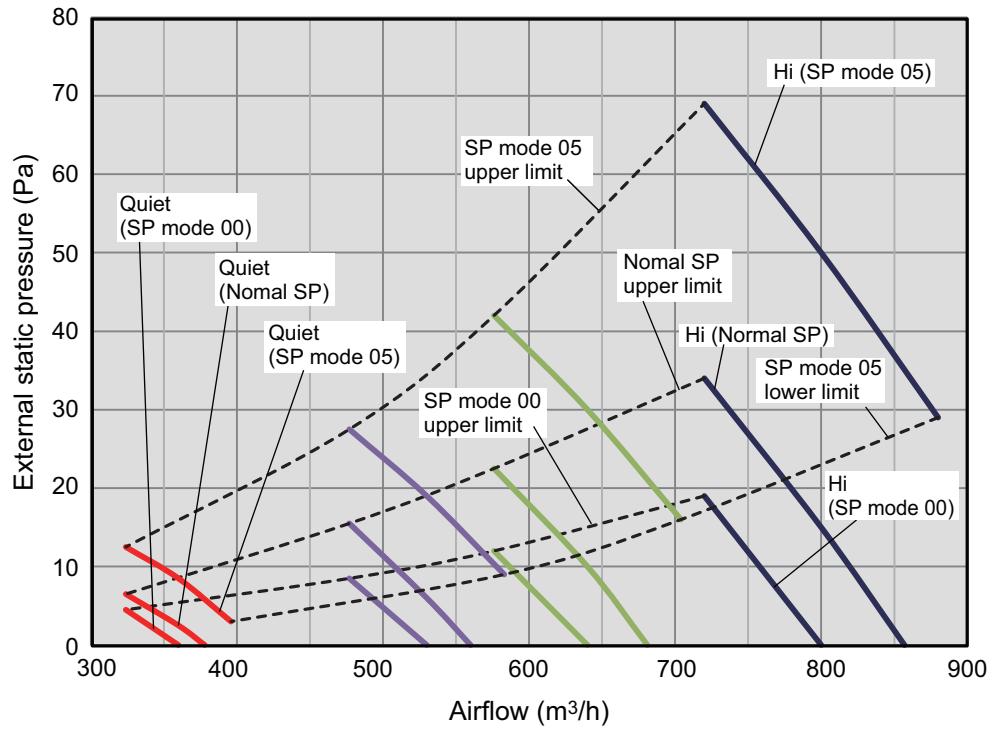
### • Cooling



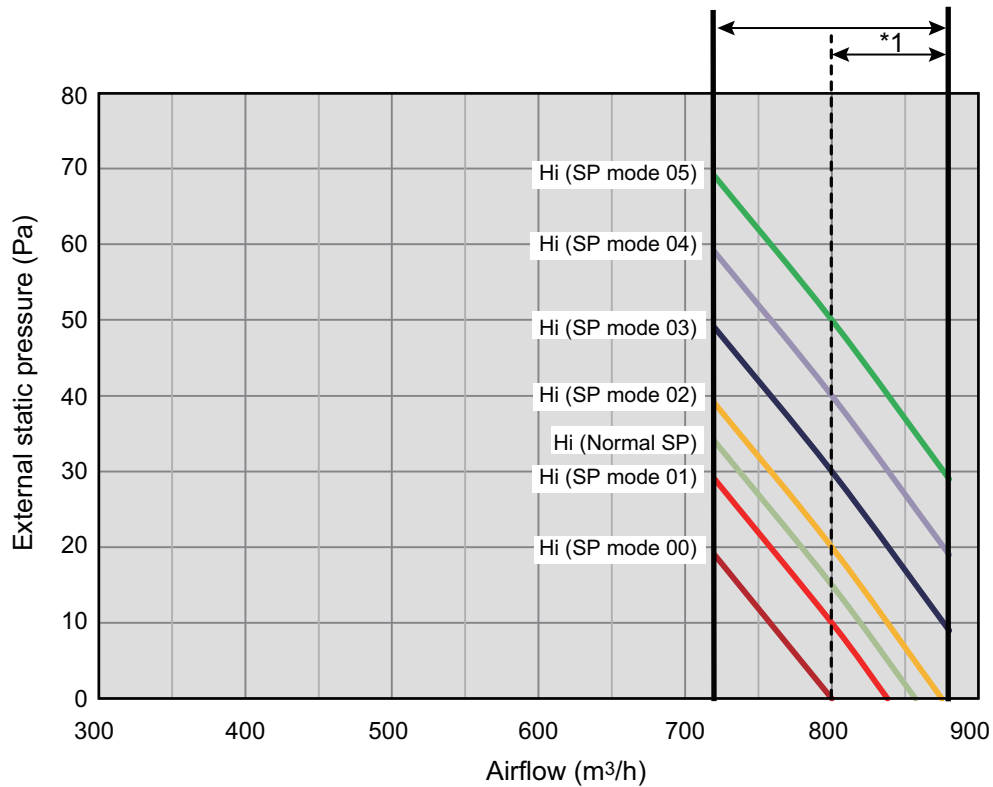
### • Heating



# Model: ARXG14KSLAP



Available airflow rate range (High level)



\*1: Available airflow rate range when Auto louver grille (option) is installed.

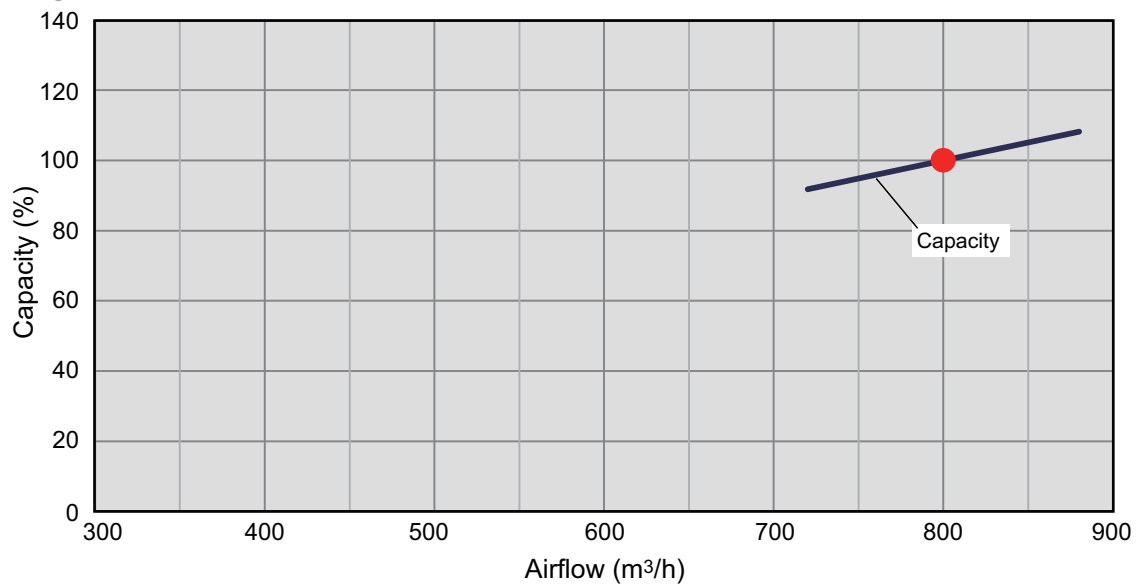
Fan speed: HIGH

Vertical airflow direction louver: Up

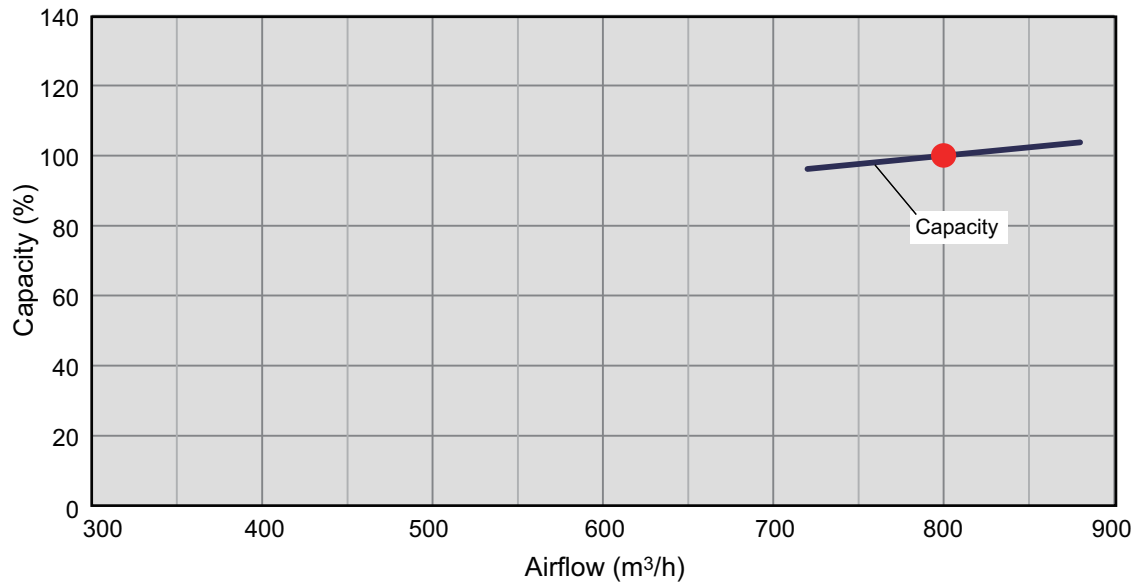


## ● Characteristics of air volume and capacity

### • Cooling

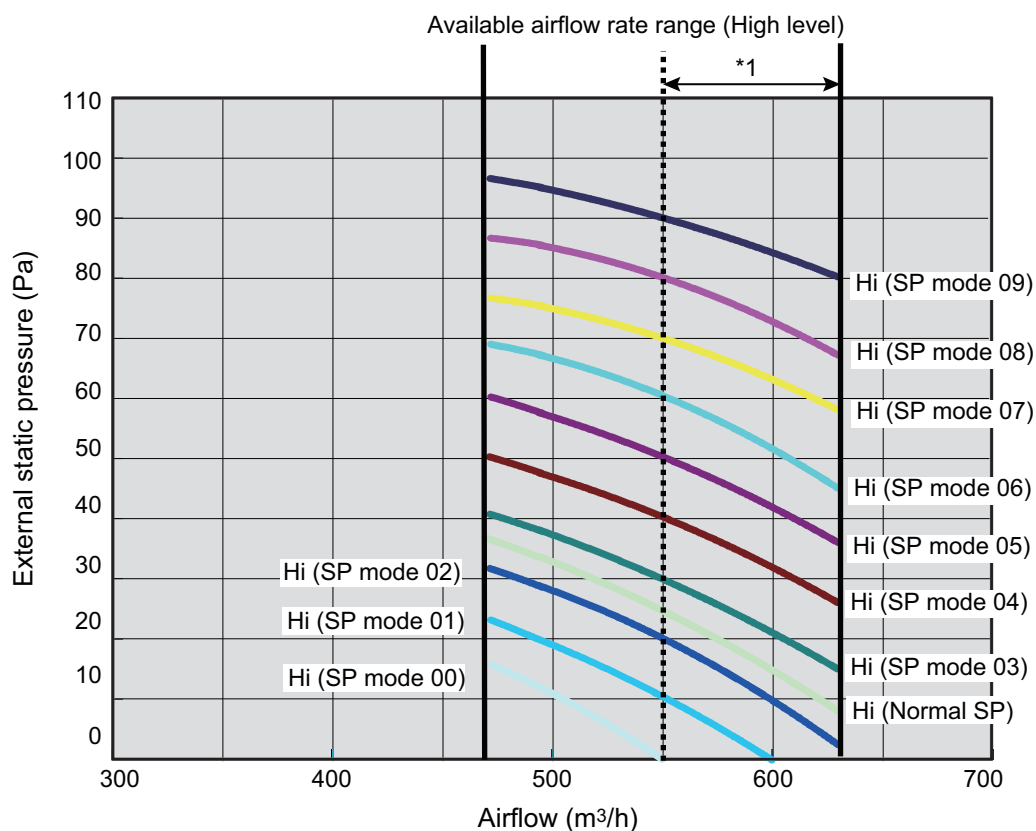
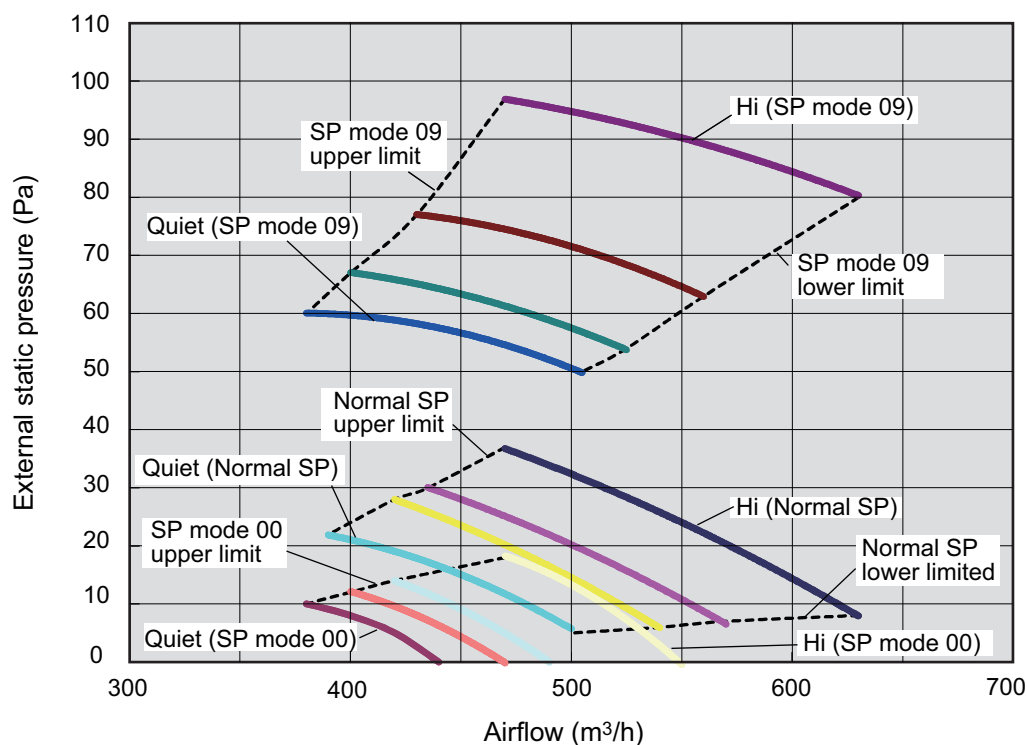


### • Heating



## 7-2. Slim duct type

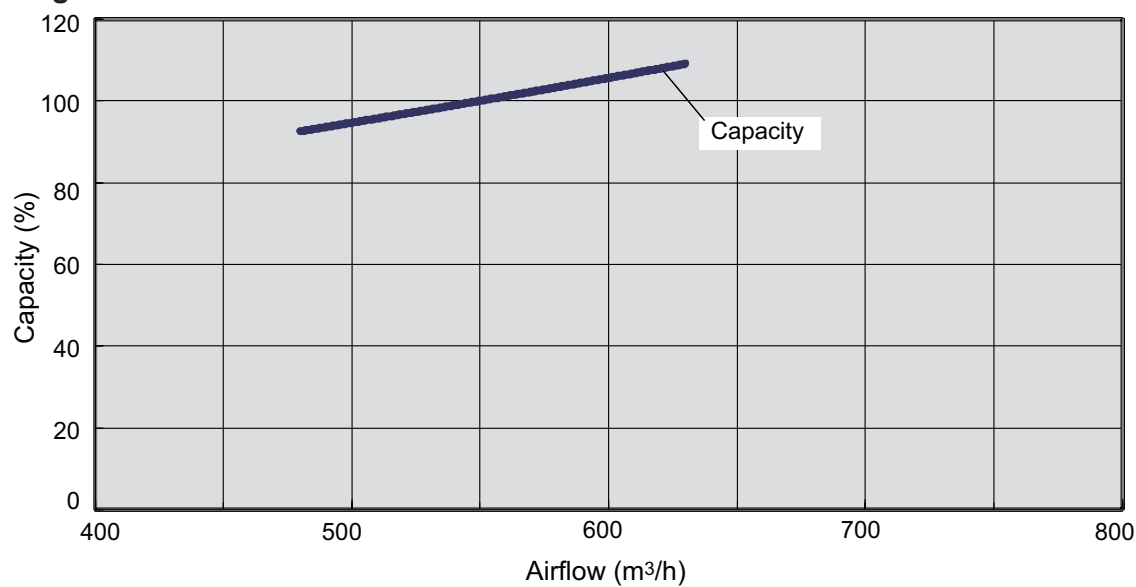
### Model: ARXG07KLLAP



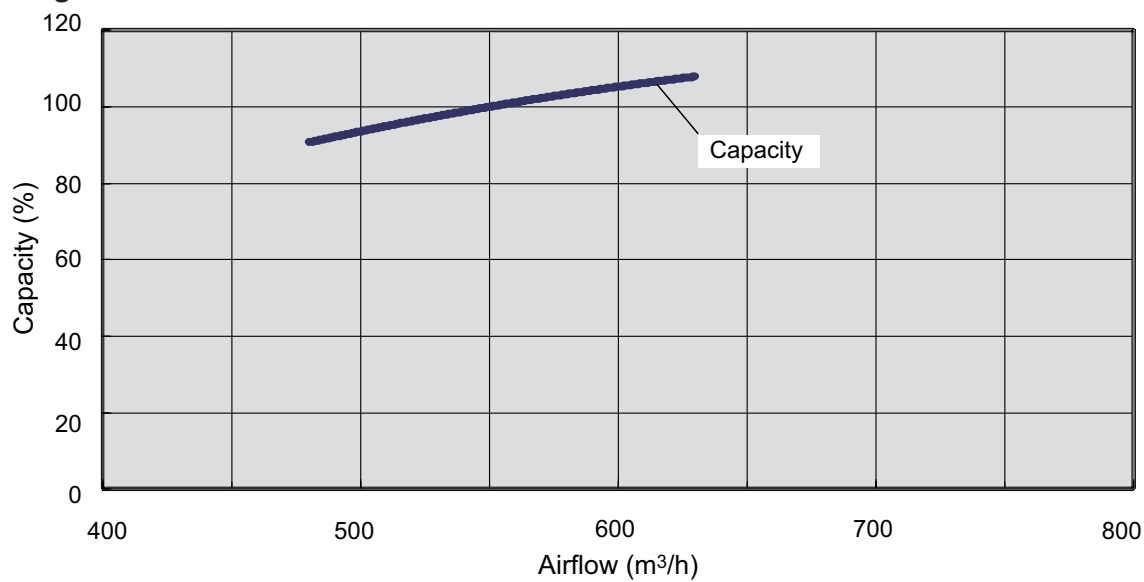
\*1: Available airflow rate range when Auto louver grille (option) is installed.  
 Fan speed: HIGH  
 Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

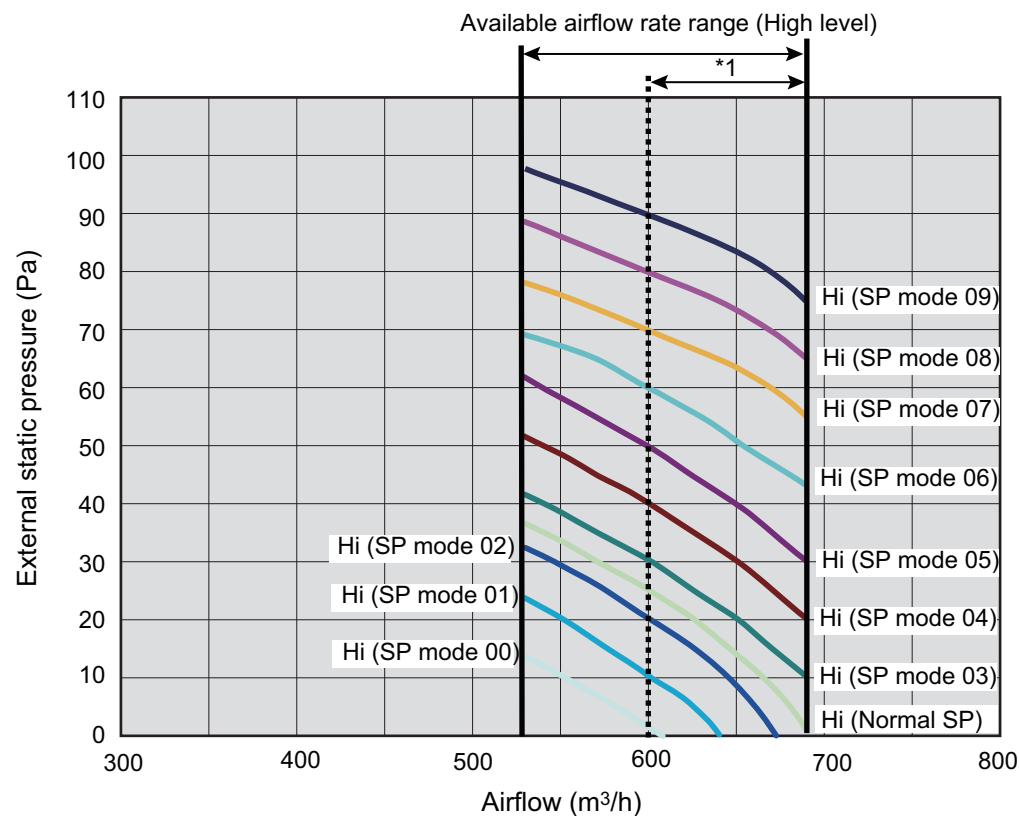
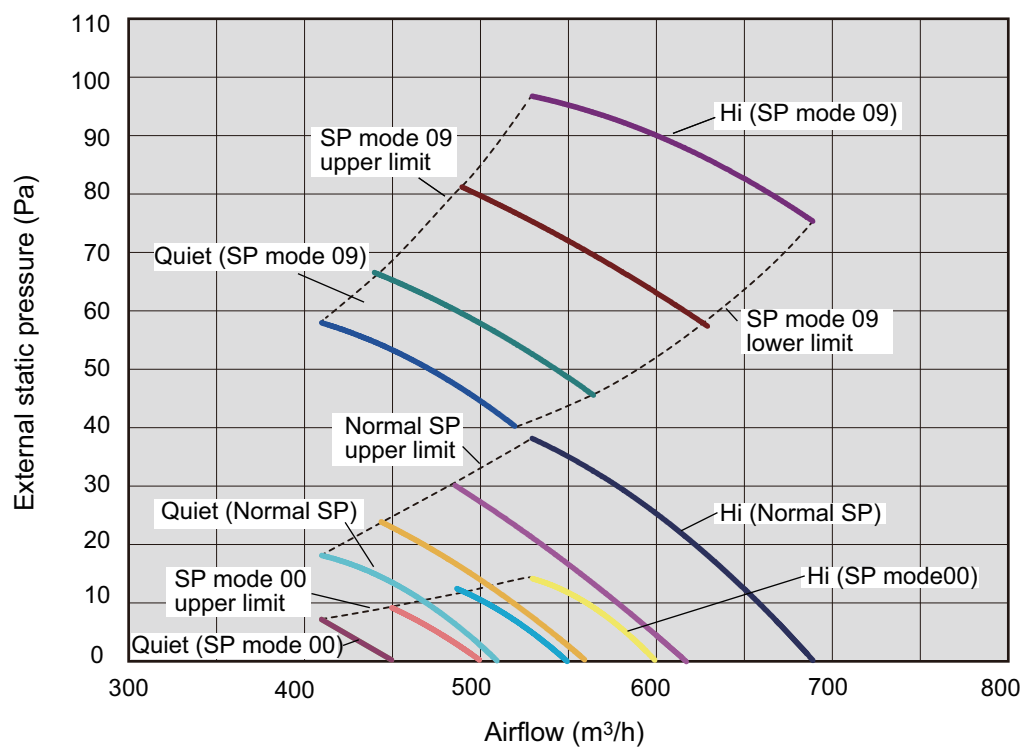
### • Cooling



### • Heating



# Model: ARXG09KLLAP



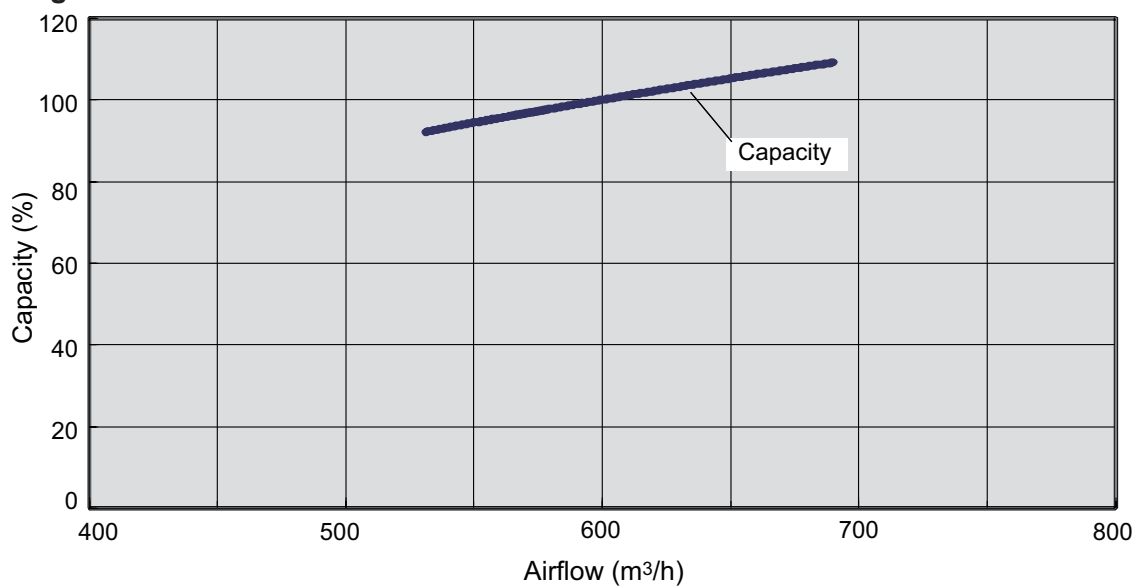
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

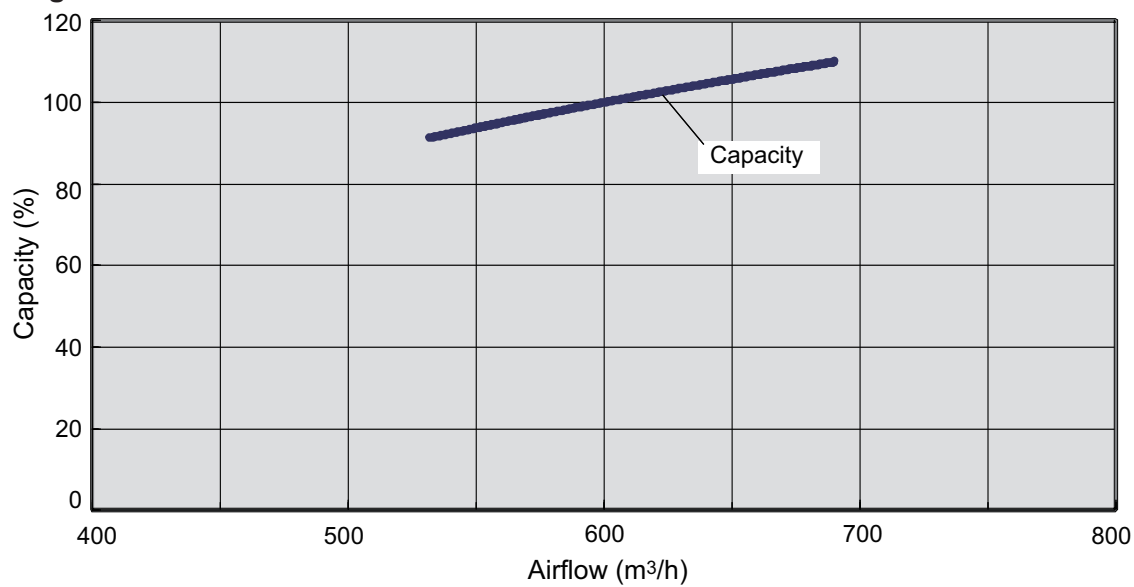
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

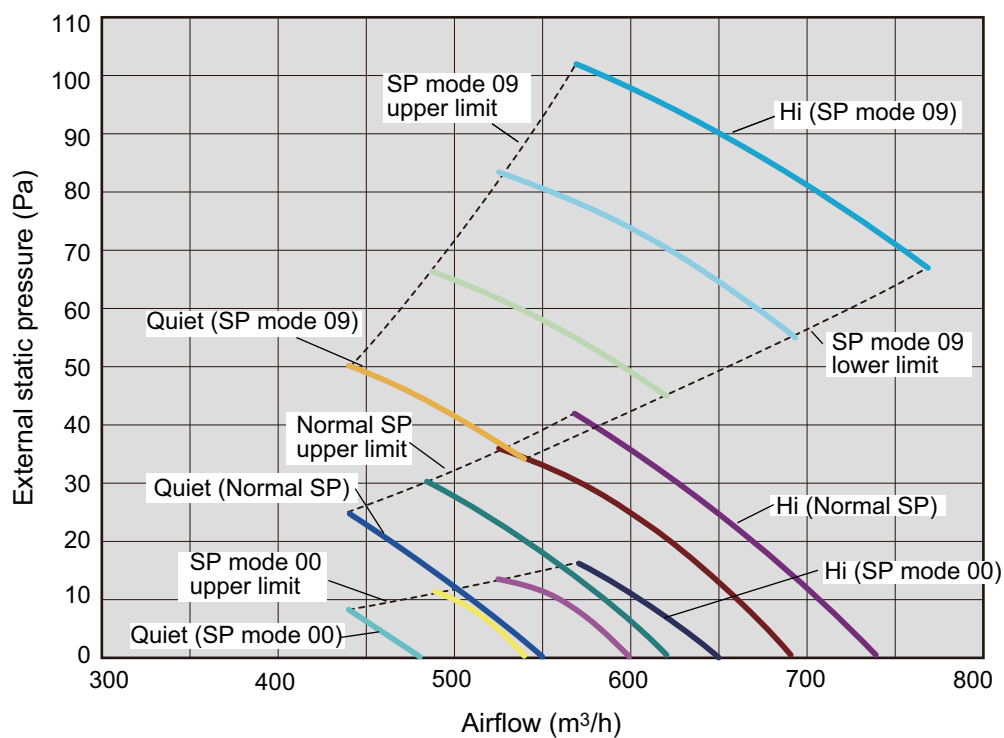
### • Cooling



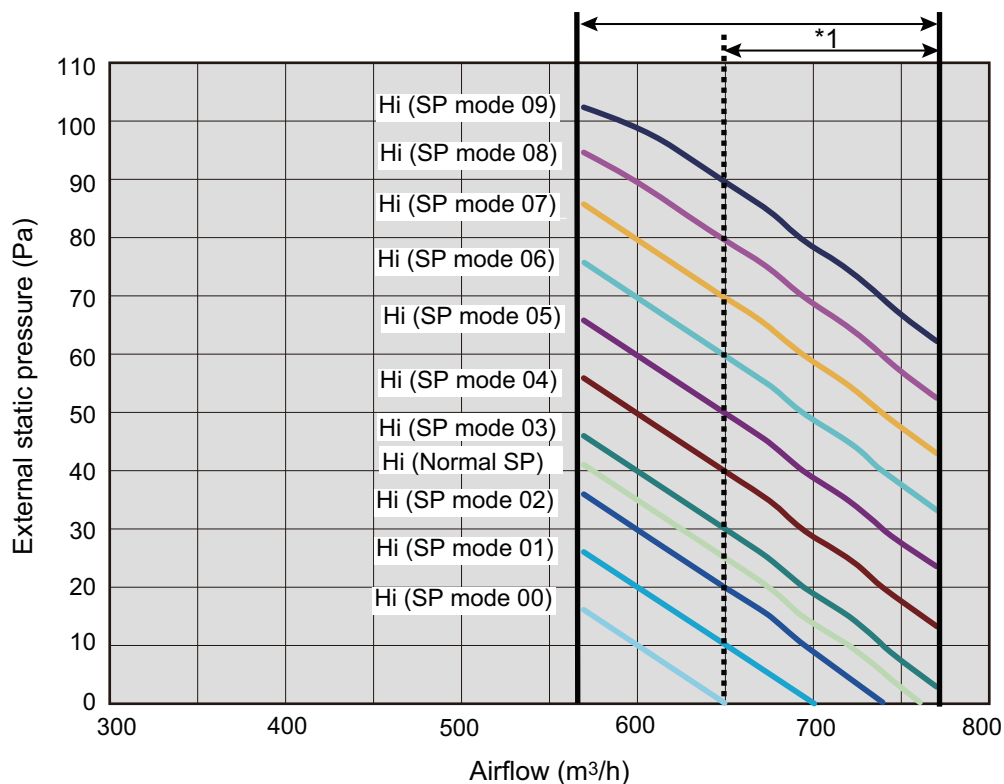
### • Heating



# Model: ARXG12KLLAP



Available airflow rate range (High level)



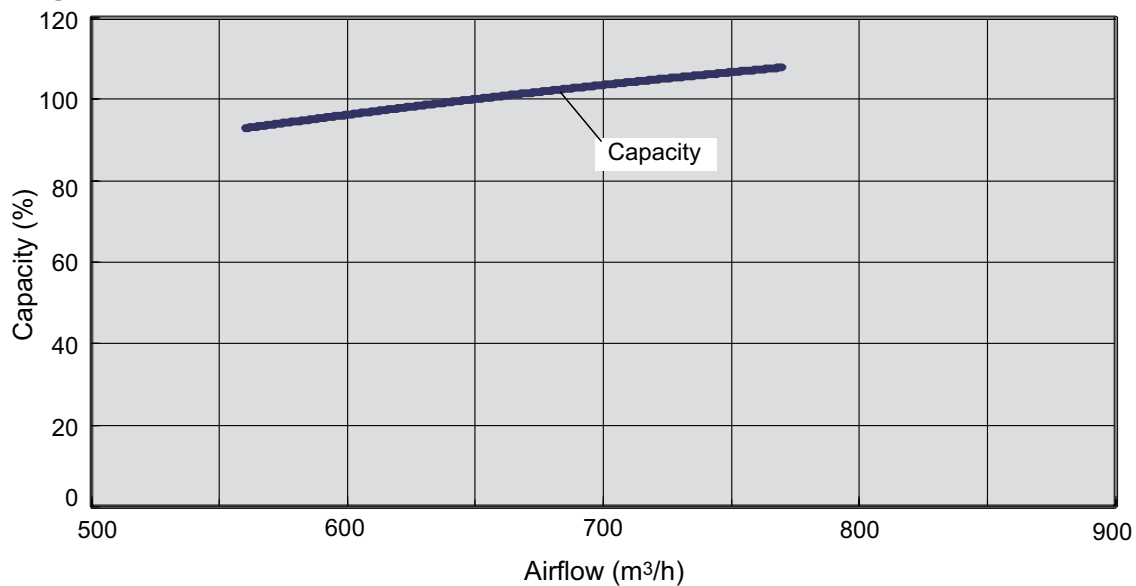
\*1: Available airflow rate range when Auto louver grille (option) is installed.

Fan speed: HIGH

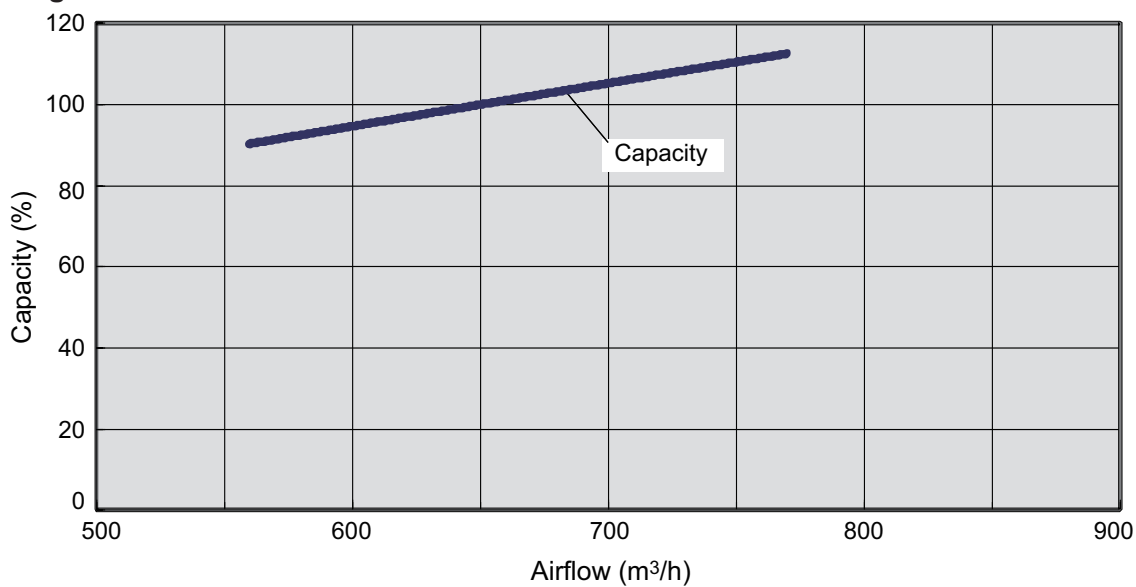
Vertical airflow direction louver: Up

## ● Characteristics of air volume and capacity

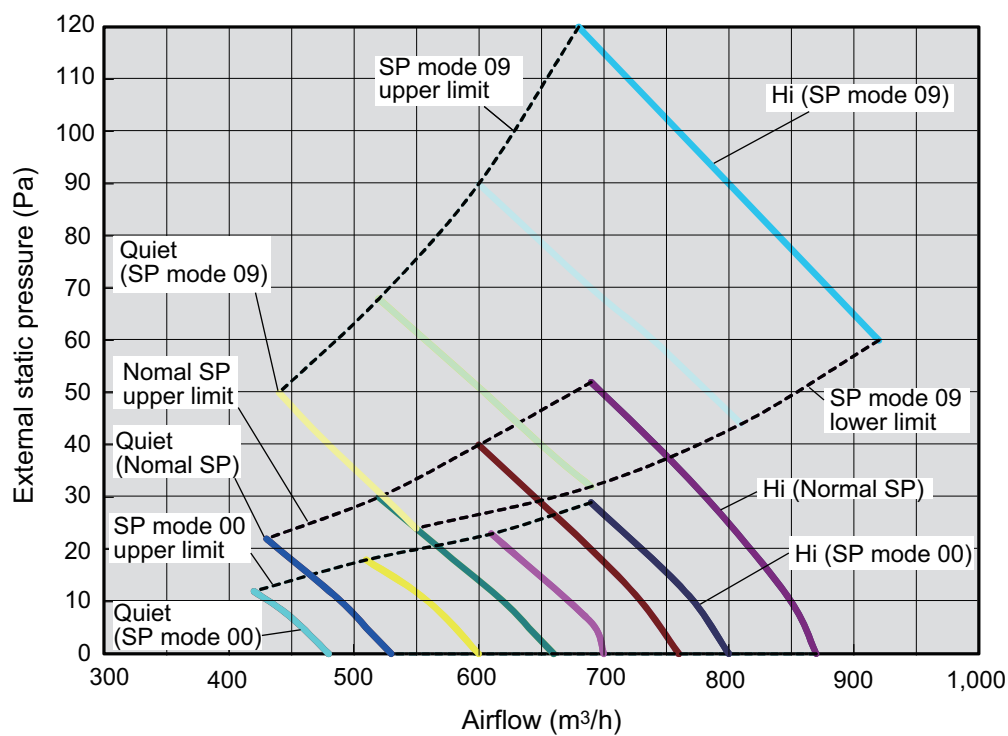
### • Cooling



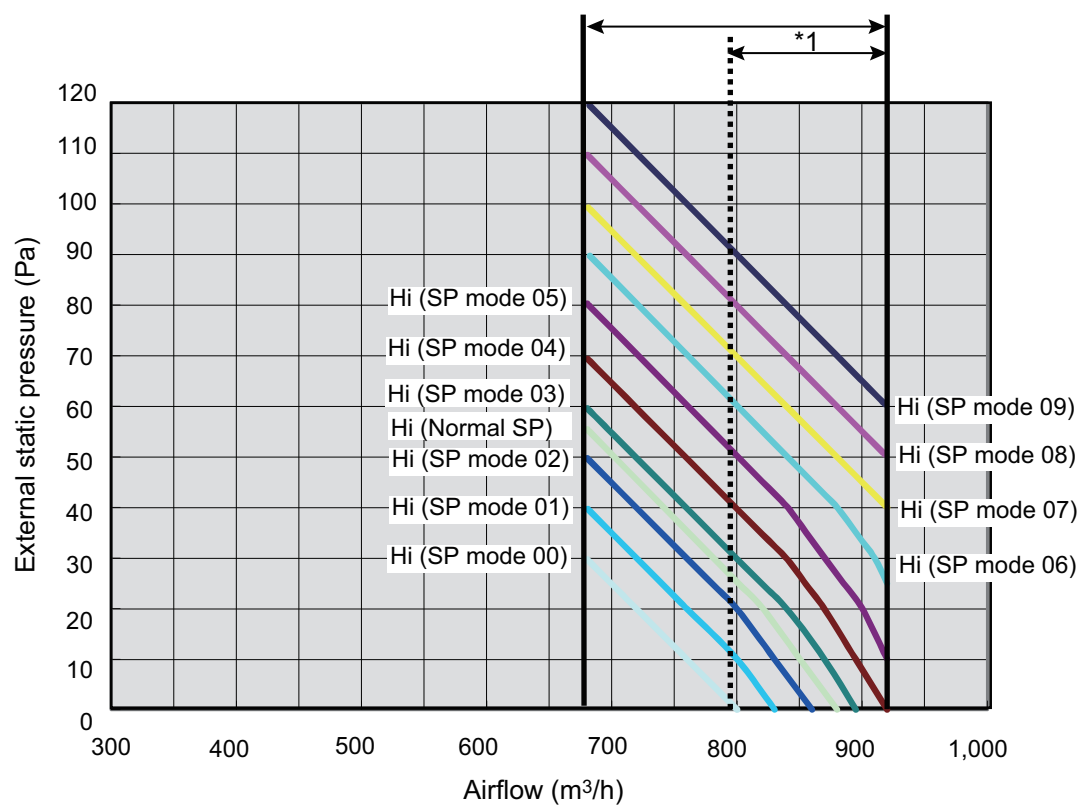
### • Heating



# Model: ARXG14KLLAP



Available airflow rate range (High level)



\*1: Available airflow rate range when Auto louver grille (option) is installed.

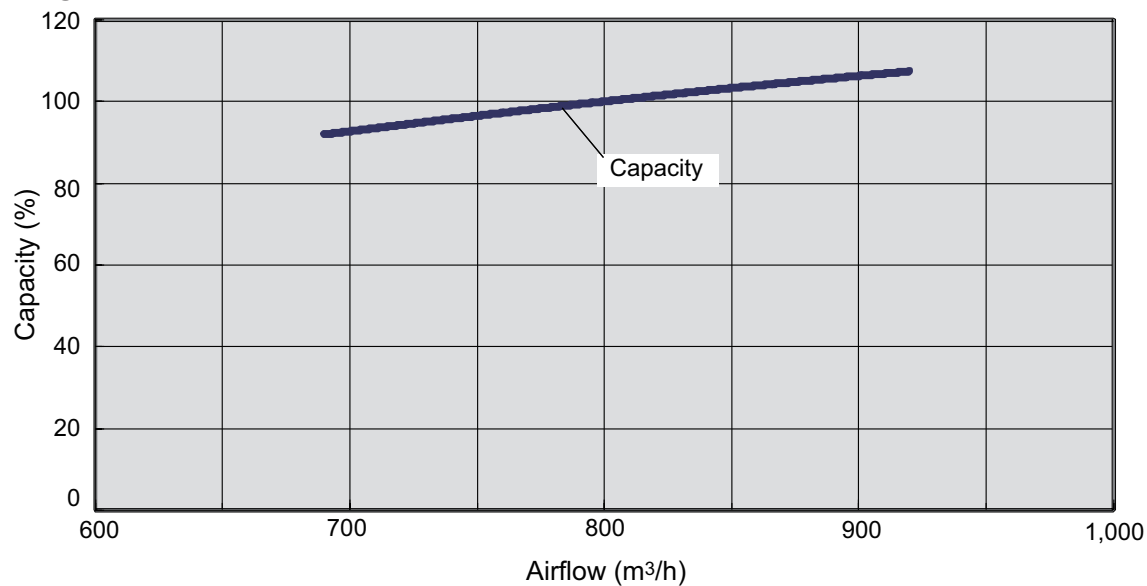
Fan speed: HIGH

Vertical airflow direction louver: Up

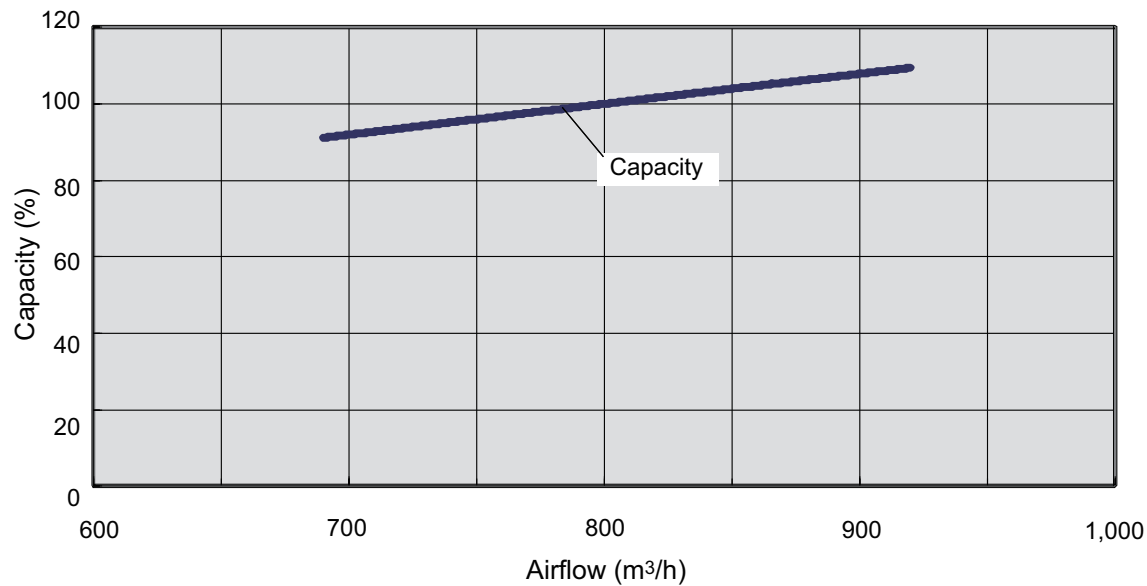


## ● Characteristics of air volume and capacity

### • Cooling



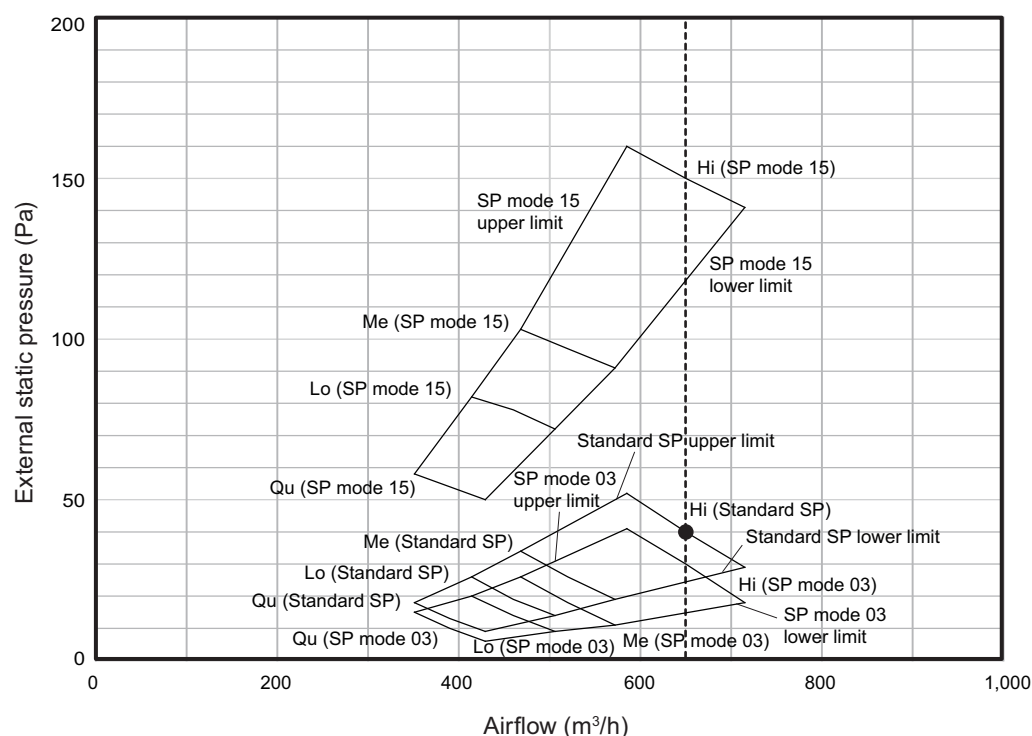
### • Heating



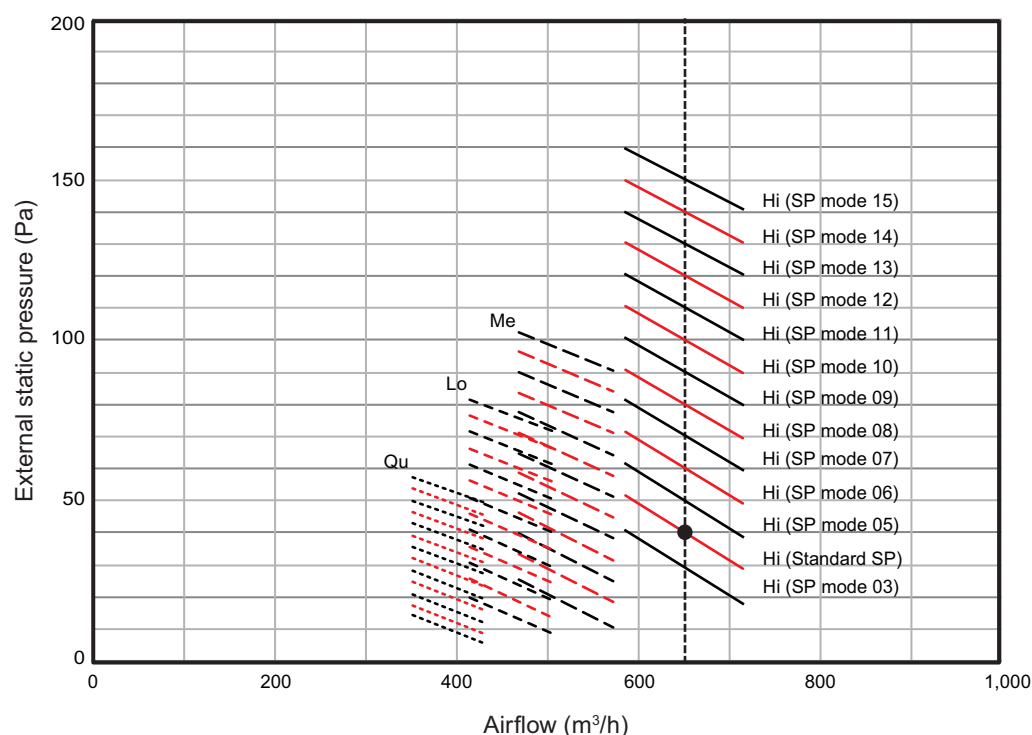
## 7-3. Medium static pressure duct type

### ■ Model: ARXH12KMTAP

Fan performance curve 1



Fan performance curve 2  
(For function setting by remote controller)

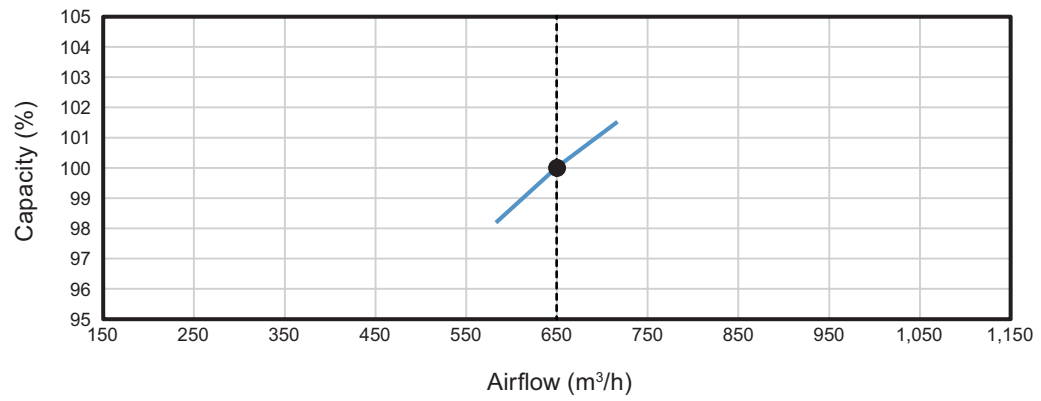


#### NOTES:

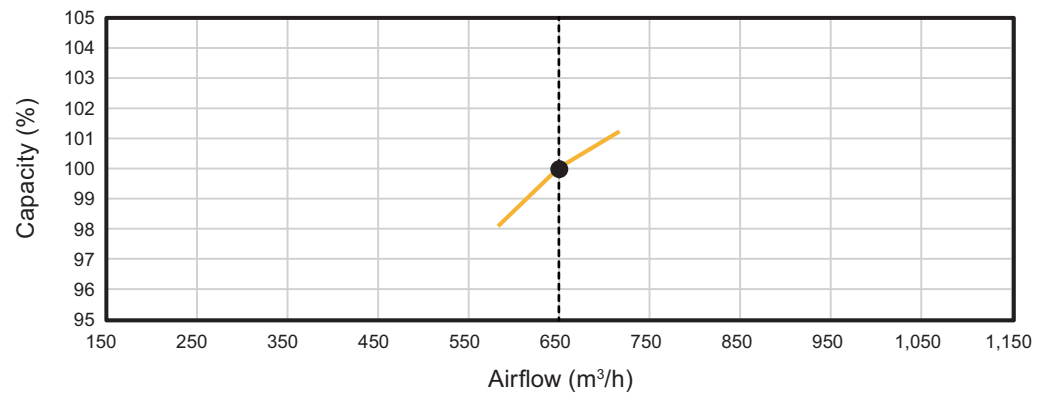
- Setting of the external static pressure is switchable into modes by using the remote controller.
- According to the resistance of the connecting duct, perform the setting of the external static pressure with referring "Fan performance curve 2" above.
- The default setting is set at "Standard SP".

## ● Characteristics of air volume and capacity

### • Cooling

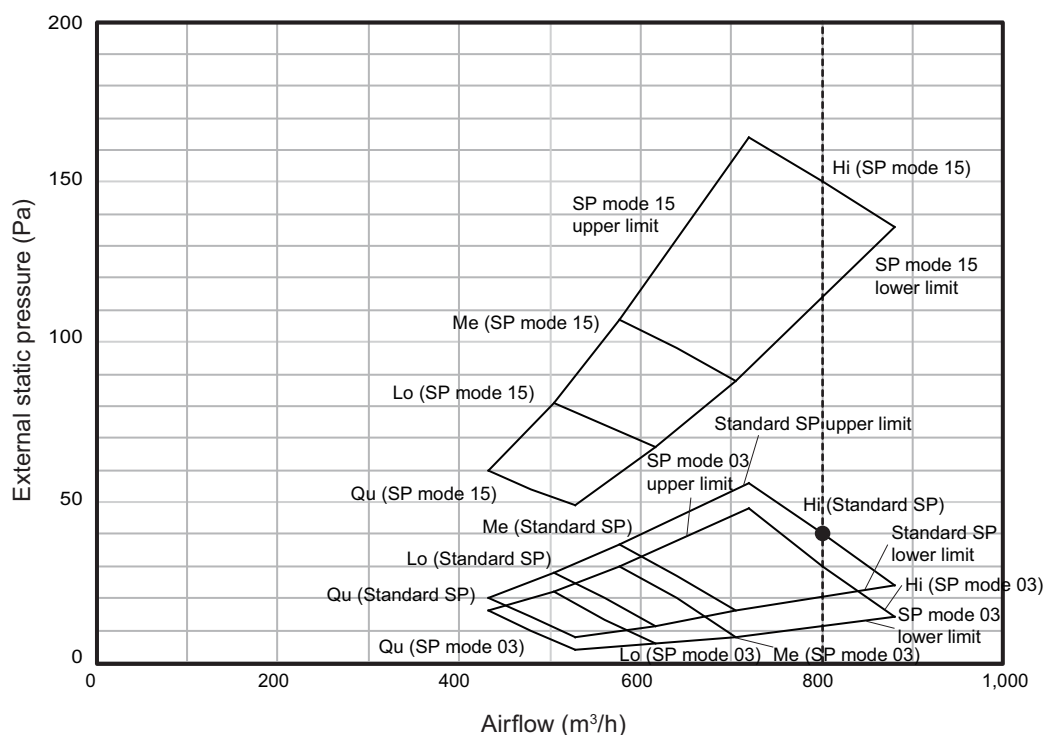


### • Heating

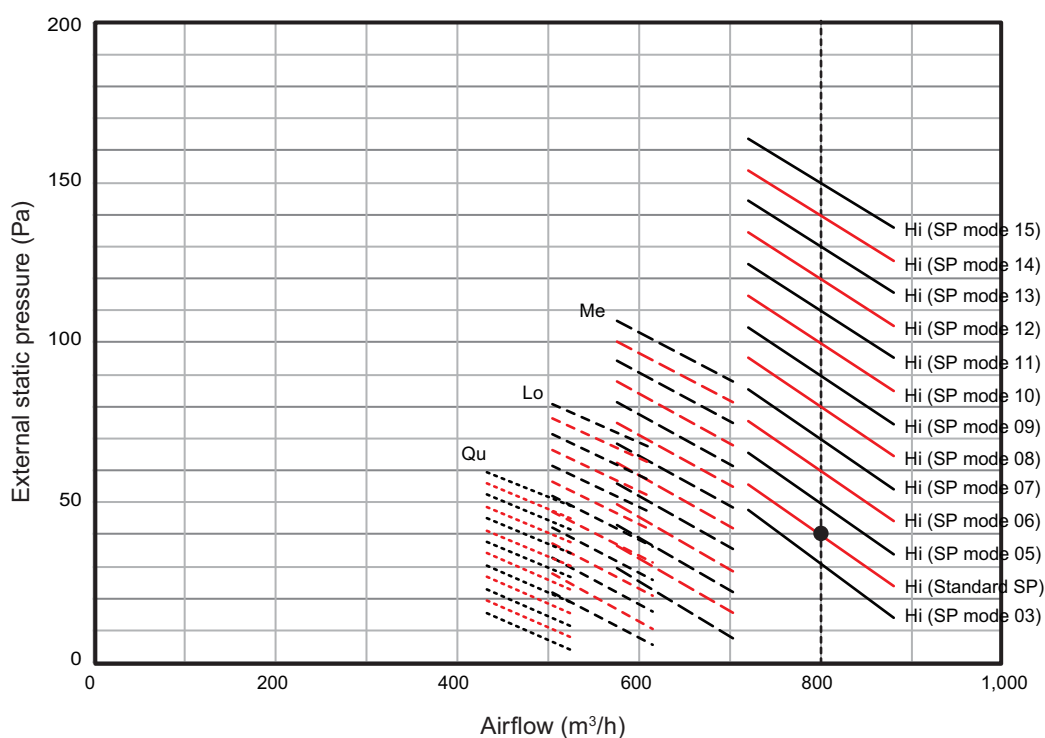


# Model: ARXH14KMTAP

## Fan performance curve 1



## Fan performance curve 2 (For function setting by remote controller)

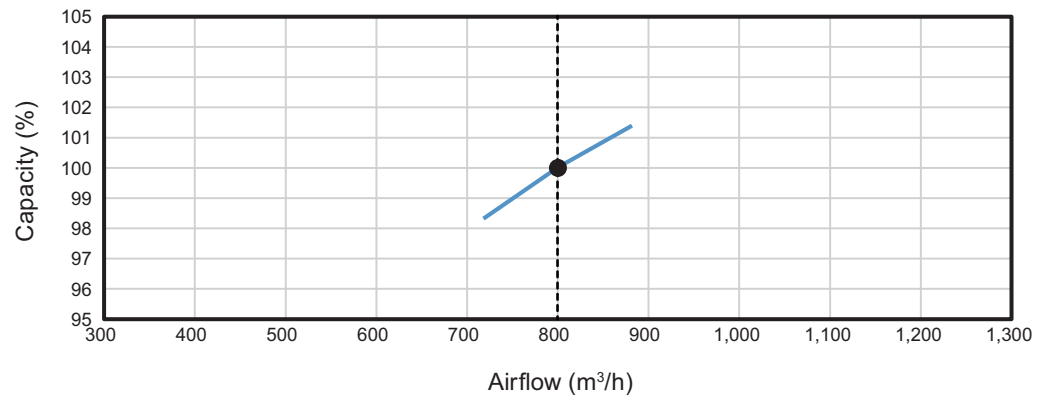


### NOTES:

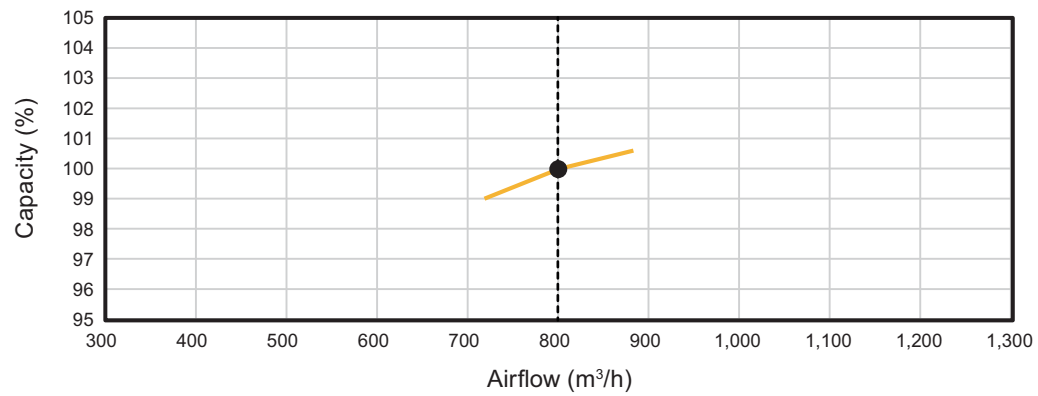
- Setting of the external static pressure is switchable into modes by using the remote controller.
- According to the resistance of the connecting duct, perform the setting of the external static pressure with referring "Fan performance curve 2" above.
- The default setting is set at "Standard SP".

## ● Characteristics of air volume and capacity

### • Cooling



### • Heating



## 8. Airflow

Conversion factor:

- $1 \text{ m}^3/\text{h} = 0.2778 \text{ l/s} = 0.5886 \text{ CFM}$
- $3.6 \text{ m}^3/\text{h} = 1 \text{ l/s}$
- $1.699 \text{ m}^3/\text{h} = 1 \text{ CFM}$

### 8-1. Compact cassette type

| Model                    | Operation mode | Fan speed | Airflow           |     |     |
|--------------------------|----------------|-----------|-------------------|-----|-----|
|                          |                |           | m <sup>3</sup> /h | l/s | CFM |
| AUXG07KVLA<br>AUXG09KVLA | Cooling        | High      | 540               | 150 | 318 |
|                          |                | Med       | 490               | 136 | 288 |
|                          |                | Low       | 440               | 122 | 259 |
|                          |                | Quiet     | 390               | 108 | 230 |
|                          | Heating        | High      | 540               | 150 | 318 |
|                          |                | Med       | 490               | 136 | 288 |
|                          |                | Low       | 440               | 122 | 259 |
|                          |                | Quiet     | 390               | 108 | 230 |
| AUXG12KVLA               | Cooling        | High      | 610               | 169 | 359 |
|                          |                | Med       | 530               | 147 | 312 |
|                          |                | Low       | 470               | 131 | 277 |
|                          |                | Quiet     | 410               | 114 | 241 |
|                          | Heating        | High      | 610               | 169 | 359 |
|                          |                | Med       | 530               | 147 | 312 |
|                          |                | Low       | 470               | 131 | 277 |
|                          |                | Quiet     | 410               | 114 | 241 |
| AUXG14KVLA               | Cooling        | High      | 680               | 189 | 400 |
|                          |                | Med       | 580               | 161 | 341 |
|                          |                | Low       | 490               | 136 | 288 |
|                          |                | Quiet     | 410               | 114 | 241 |
|                          | Heating        | High      | 790               | 219 | 465 |
|                          |                | Med       | 680               | 189 | 400 |
|                          |                | Low       | 580               | 161 | 341 |
|                          |                | Quiet     | 450               | 125 | 265 |

## 8-2. Mini duct type

| Model       | Operation mode | Fan speed | Airflow           |     |     |
|-------------|----------------|-----------|-------------------|-----|-----|
|             |                |           | m <sup>3</sup> /h | l/s | CFM |
| ARXG07KSLAP | Cooling        | High      | 550               | 153 | 324 |
|             |                | Med       | 440               | 122 | 259 |
|             |                | Low       | 390               | 108 | 230 |
|             |                | Quiet     | 360               | 100 | 212 |
|             | Heating        | High      | 550               | 153 | 324 |
|             |                | Med       | 440               | 122 | 259 |
|             |                | Low       | 390               | 108 | 230 |
|             |                | Quiet     | 360               | 100 | 212 |
| ARXG09KSLAP | Cooling        | High      | 600               | 167 | 353 |
|             |                | Med       | 450               | 125 | 265 |
|             |                | Low       | 400               | 111 | 235 |
|             |                | Quiet     | 360               | 100 | 212 |
|             | Heating        | High      | 600               | 167 | 353 |
|             |                | Med       | 450               | 125 | 265 |
|             |                | Low       | 400               | 111 | 235 |
|             |                | Quiet     | 360               | 100 | 212 |
| ARXG12KSLAP | Cooling        | High      | 650               | 181 | 383 |
|             |                | Med       | 490               | 136 | 288 |
|             |                | Low       | 430               | 119 | 253 |
|             |                | Quiet     | 360               | 100 | 212 |
|             | Heating        | High      | 650               | 181 | 383 |
|             |                | Med       | 490               | 136 | 288 |
|             |                | Low       | 430               | 119 | 253 |
|             |                | Quiet     | 360               | 100 | 212 |
| ARXG14KSLAP | Cooling        | High      | 800               | 222 | 471 |
|             |                | Med       | 640               | 178 | 377 |
|             |                | Low       | 530               | 147 | 312 |
|             |                | Quiet     | 360               | 100 | 212 |
|             | Heating        | High      | 800               | 222 | 471 |
|             |                | Med       | 640               | 178 | 377 |
|             |                | Low       | 530               | 147 | 312 |
|             |                | Quiet     | 360               | 100 | 212 |

## 8-3. Slim duct type

| Model       | Operation mode | Fan speed | Airflow           |     |     |
|-------------|----------------|-----------|-------------------|-----|-----|
|             |                |           | m <sup>3</sup> /h | l/s | CFM |
| ARXG07KLLAP | Cooling        | High      | 550               | 153 | 324 |
|             |                | Med       | 490               | 136 | 288 |
|             |                | Low       | 470               | 131 | 277 |
|             |                | Quiet     | 440               | 122 | 259 |
|             | Heating        | High      | 550               | 153 | 324 |
|             |                | Med       | 490               | 136 | 288 |
|             |                | Low       | 470               | 131 | 277 |
|             |                | Quiet     | 440               | 122 | 259 |
| ARXG09KLLAP | Cooling        | High      | 600               | 167 | 353 |
|             |                | Med       | 550               | 153 | 324 |
|             |                | Low       | 500               | 139 | 294 |
|             |                | Quiet     | 450               | 125 | 265 |
|             | Heating        | High      | 600               | 167 | 353 |
|             |                | Med       | 550               | 153 | 324 |
|             |                | Low       | 500               | 139 | 294 |
|             |                | Quiet     | 450               | 125 | 265 |
| ARXG12KLLAP | Cooling        | High      | 650               | 181 | 383 |
|             |                | Med       | 600               | 167 | 353 |
|             |                | Low       | 550               | 153 | 324 |
|             |                | Quiet     | 480               | 133 | 283 |
|             | Heating        | High      | 650               | 181 | 383 |
|             |                | Med       | 600               | 167 | 353 |
|             |                | Low       | 550               | 153 | 324 |
|             |                | Quiet     | 480               | 133 | 283 |
| ARXG14KLLAP | Cooling        | High      | 800               | 222 | 471 |
|             |                | Med       | 700               | 194 | 412 |
|             |                | Low       | 600               | 167 | 353 |
|             |                | Quiet     | 480               | 133 | 283 |
|             | Heating        | High      | 800               | 222 | 471 |
|             |                | Med       | 700               | 194 | 412 |
|             |                | Low       | 600               | 167 | 353 |
|             |                | Quiet     | 480               | 133 | 283 |



## 8-4. Medium static pressure duct type

| Model       | Operation mode | Fan speed | Airflow           |     |     |
|-------------|----------------|-----------|-------------------|-----|-----|
|             |                |           | m <sup>3</sup> /h | l/s | CFM |
| ARXH12KMTAP | Cooling        | High      | 650               | 181 | 383 |
|             |                | Med       | 520               | 144 | 306 |
|             |                | Low       | 460               | 128 | 271 |
|             |                | Quiet     | 390               | 108 | 230 |
|             | Heating        | High      | 650               | 181 | 383 |
|             |                | Med       | 520               | 144 | 306 |
|             |                | Low       | 460               | 128 | 271 |
|             |                | Quiet     | 390               | 108 | 230 |
| ARXH14KMTAP | Cooling        | High      | 800               | 222 | 471 |
|             |                | Med       | 640               | 178 | 377 |
|             |                | Low       | 560               | 156 | 330 |
|             |                | Quiet     | 480               | 133 | 283 |
|             | Heating        | High      | 800               | 222 | 471 |
|             |                | Med       | 640               | 178 | 377 |
|             |                | Low       | 560               | 156 | 330 |
|             |                | Quiet     | 480               | 133 | 283 |

## 8-5. Wall mounted type

| Model                      | Operation mode | Fan speed | Airflow           |     |     |
|----------------------------|----------------|-----------|-------------------|-----|-----|
|                            |                |           | m <sup>3</sup> /h | l/s | CFM |
| ASEH07KMCG<br>ASEH07KMCG-B | Cooling        | High      | 650               | 181 | 383 |
|                            |                | Med       | 540               | 150 | 318 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 320               | 89  | 188 |
|                            | Heating        | High      | 720               | 200 | 424 |
|                            |                | Med       | 580               | 161 | 341 |
|                            |                | Low       | 460               | 128 | 271 |
|                            |                | Quiet     | 330               | 92  | 194 |
| ASEH09KMCG<br>ASEH09KMCG-B | Cooling        | High      | 700               | 194 | 412 |
|                            |                | Med       | 560               | 156 | 330 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 320               | 89  | 188 |
|                            | Heating        | High      | 750               | 208 | 441 |
|                            |                | Med       | 610               | 169 | 359 |
|                            |                | Low       | 470               | 131 | 277 |
|                            |                | Quiet     | 330               | 92  | 194 |
| ASEH12KMCG<br>ASEH12KMCG-B | Cooling        | High      | 700               | 194 | 412 |
|                            |                | Med       | 560               | 156 | 330 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 320               | 89  | 188 |
|                            | Heating        | High      | 780               | 217 | 459 |
|                            |                | Med       | 640               | 178 | 377 |
|                            |                | Low       | 520               | 144 | 306 |
|                            |                | Quiet     | 330               | 92  | 194 |
| ASEH14KMCG<br>ASEH14KMCG-B | Cooling        | High      | 770               | 214 | 453 |
|                            |                | Med       | 600               | 167 | 353 |
|                            |                | Low       | 450               | 125 | 265 |
|                            |                | Quiet     | 310               | 86  | 182 |
|                            | Heating        | High      | 820               | 228 | 483 |
|                            |                | Med       | 660               | 183 | 388 |
|                            |                | Low       | 520               | 144 | 306 |
|                            |                | Quiet     | 340               | 94  | 200 |
| ASEG07KETF<br>ASEG07KETF-B | Cooling        | High      | 650               | 181 | 383 |
|                            |                | Med       | 540               | 150 | 318 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 270               | 75  | 159 |
|                            | Heating        | High      | 720               | 200 | 424 |
|                            |                | Med       | 580               | 161 | 341 |
|                            |                | Low       | 460               | 128 | 271 |
|                            |                | Quiet     | 330               | 92  | 194 |
| ASEG09KETF<br>ASEG09KETF-B | Cooling        | High      | 700               | 194 | 412 |
|                            |                | Med       | 560               | 156 | 330 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 270               | 75  | 159 |
|                            | Heating        | High      | 750               | 208 | 441 |
|                            |                | Med       | 610               | 169 | 359 |
|                            |                | Low       | 470               | 131 | 277 |
|                            |                | Quiet     | 330               | 92  | 194 |

| Model                      | Operation mode | Fan speed | Airflow           |     |     |
|----------------------------|----------------|-----------|-------------------|-----|-----|
|                            |                |           | m <sup>3</sup> /h | l/s | CFM |
| ASEG12KETF<br>ASEG12KETF-B | Cooling        | High      | 700               | 194 | 412 |
|                            |                | Med       | 560               | 156 | 330 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 270               | 75  | 159 |
|                            | Heating        | High      | 770               | 214 | 453 |
|                            |                | Med       | 640               | 178 | 377 |
|                            |                | Low       | 520               | 144 | 306 |
|                            |                | Quiet     | 330               | 92  | 194 |
| ASEG14KETF<br>ASEG14KETF-B | Cooling        | High      | 770               | 214 | 453 |
|                            |                | Med       | 600               | 167 | 353 |
|                            |                | Low       | 450               | 125 | 265 |
|                            |                | Quiet     | 280               | 78  | 165 |
|                            | Heating        | High      | 800               | 222 | 471 |
|                            |                | Med       | 660               | 183 | 388 |
|                            |                | Low       | 520               | 144 | 306 |
|                            |                | Quiet     | 340               | 94  | 200 |
| ASEH07KGTG                 | Cooling        | High      | 650               | 181 | 383 |
|                            |                | Med       | 540               | 150 | 318 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 270               | 75  | 159 |
|                            | Heating        | High      | 720               | 200 | 424 |
|                            |                | Med       | 580               | 161 | 341 |
|                            |                | Low       | 460               | 128 | 271 |
|                            |                | Quiet     | 330               | 92  | 194 |
| ASEH09KGTG                 | Cooling        | High      | 700               | 194 | 412 |
|                            |                | Med       | 560               | 156 | 330 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 270               | 75  | 159 |
|                            | Heating        | High      | 750               | 208 | 441 |
|                            |                | Med       | 610               | 169 | 359 |
|                            |                | Low       | 470               | 131 | 277 |
|                            |                | Quiet     | 330               | 92  | 194 |
| ASEH12KGTG                 | Cooling        | High      | 700               | 194 | 412 |
|                            |                | Med       | 560               | 156 | 330 |
|                            |                | Low       | 430               | 119 | 253 |
|                            |                | Quiet     | 270               | 75  | 159 |
|                            | Heating        | High      | 770               | 214 | 453 |
|                            |                | Med       | 640               | 178 | 377 |
|                            |                | Low       | 520               | 144 | 306 |
|                            |                | Quiet     | 330               | 92  | 194 |
| ASEH14KGTG                 | Cooling        | High      | 770               | 214 | 453 |
|                            |                | Med       | 600               | 167 | 353 |
|                            |                | Low       | 450               | 125 | 265 |
|                            |                | Quiet     | 280               | 78  | 165 |
|                            | Heating        | High      | 800               | 222 | 471 |
|                            |                | Med       | 660               | 183 | 388 |
|                            |                | Low       | 520               | 144 | 306 |
|                            |                | Quiet     | 340               | 94  | 200 |

| Model      | Operation mode | Fan speed | Airflow           |     |     |
|------------|----------------|-----------|-------------------|-----|-----|
|            |                |           | m <sup>3</sup> /h | l/s | CFM |
| ASEH05KNCA | Cooling        | High      | 500               | 139 | 294 |
|            |                | Med       | 450               | 125 | 265 |
|            |                | Low       | 390               | 108 | 230 |
|            |                | Quiet     | 250               | 69  | 147 |
|            | Heating        | High      | 500               | 139 | 294 |
|            |                | Med       | 450               | 125 | 265 |
|            |                | Low       | 420               | 117 | 247 |
|            |                | Quiet     | 280               | 78  | 165 |
| ASEH07KNCA | Cooling        | High      | 530               | 147 | 312 |
|            |                | Med       | 460               | 128 | 271 |
|            |                | Low       | 390               | 108 | 230 |
|            |                | Quiet     | 250               | 69  | 147 |
|            | Heating        | High      | 530               | 147 | 312 |
|            |                | Med       | 460               | 128 | 271 |
|            |                | Low       | 420               | 117 | 247 |
|            |                | Quiet     | 280               | 78  | 165 |
| ASEH09KNCA | Cooling        | High      | 640               | 178 | 377 |
|            |                | Med       | 500               | 139 | 294 |
|            |                | Low       | 390               | 108 | 230 |
|            |                | Quiet     | 250               | 69  | 147 |
|            | Heating        | High      | 640               | 178 | 377 |
|            |                | Med       | 500               | 139 | 294 |
|            |                | Low       | 420               | 117 | 247 |
|            |                | Quiet     | 280               | 78  | 165 |
| ASEH12KNCA | Cooling        | High      | 660               | 183 | 388 |
|            |                | Med       | 520               | 144 | 306 |
|            |                | Low       | 440               | 122 | 259 |
|            |                | Quiet     | 250               | 69  | 147 |
|            | Heating        | High      | 660               | 183 | 388 |
|            |                | Med       | 520               | 144 | 306 |
|            |                | Low       | 440               | 122 | 259 |
|            |                | Quiet     | 280               | 78  | 165 |

## 8-6. Floor type

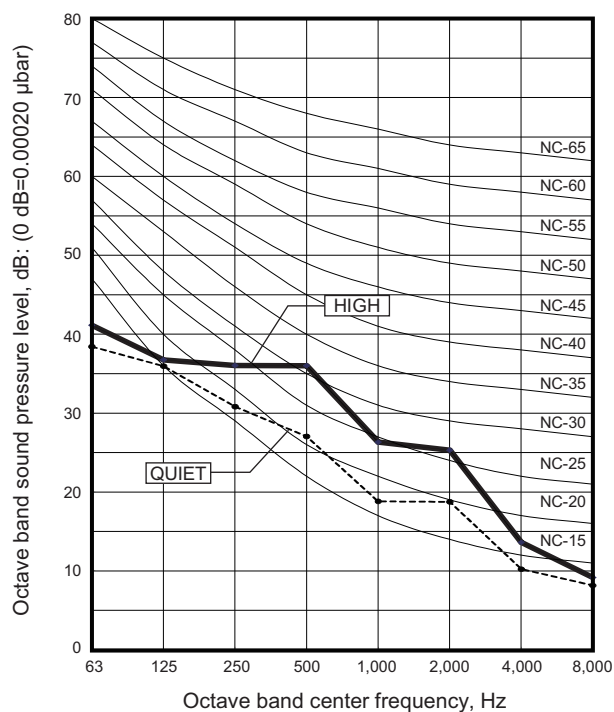
| Model      | Operation mode | Fan speed | Airflow           |     |     |
|------------|----------------|-----------|-------------------|-----|-----|
|            |                |           | m <sup>3</sup> /h | l/s | CFM |
| AGEG09KVCA | Cooling        | High      | 530               | 147 | 312 |
|            |                | Med       | 440               | 111 | 235 |
|            |                | Low       | 360               | 100 | 212 |
|            |                | Quiet     | 270               | 75  | 159 |
|            | Heating        | High      | 530               | 147 | 312 |
|            |                | Med       | 460               | 128 | 271 |
|            |                | Low       | 380               | 106 | 224 |
|            |                | Quiet     | 270               | 75  | 159 |
| AGEG12KVCA | Cooling        | High      | 600               | 167 | 353 |
|            |                | Med       | 490               | 136 | 288 |
|            |                | Low       | 380               | 106 | 224 |
|            |                | Quiet     | 270               | 75  | 159 |
|            | Heating        | High      | 600               | 167 | 353 |
|            |                | Med       | 510               | 142 | 300 |
|            |                | Low       | 410               | 114 | 241 |
|            |                | Quiet     | 270               | 75  | 159 |
| AGEG14KVCA | Cooling        | High      | 650               | 181 | 383 |
|            |                | Med       | 520               | 144 | 306 |
|            |                | Low       | 400               | 131 | 277 |
|            |                | Quiet     | 270               | 75  | 159 |
|            | Heating        | High      | 650               | 181 | 383 |
|            |                | Med       | 540               | 150 | 318 |
|            |                | Low       | 430               | 119 | 253 |
|            |                | Quiet     | 270               | 75  | 159 |

## 9. Noise level curve

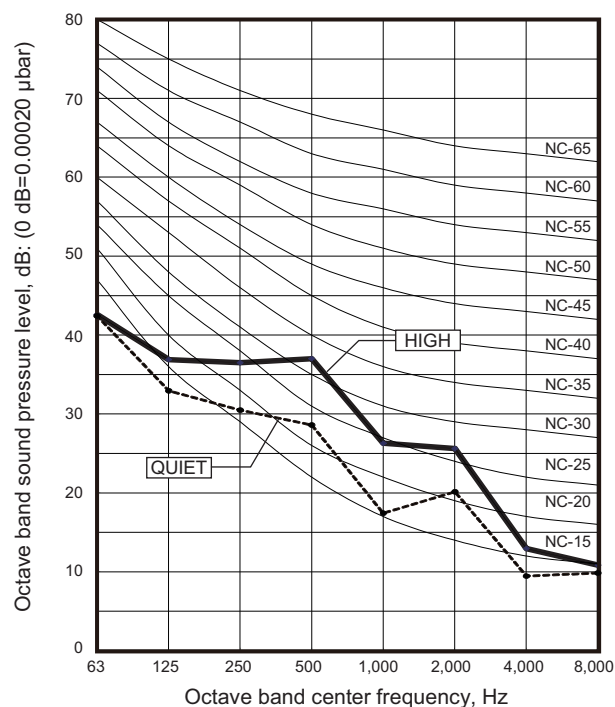
### 9-1. Compact cassette type

#### ■ Model: AUXG07KVLA

##### ● Cooling

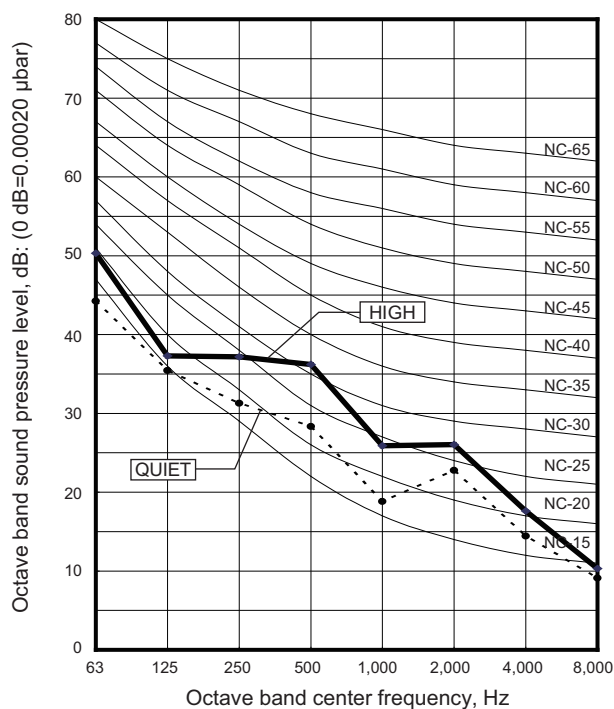


##### ● Heating

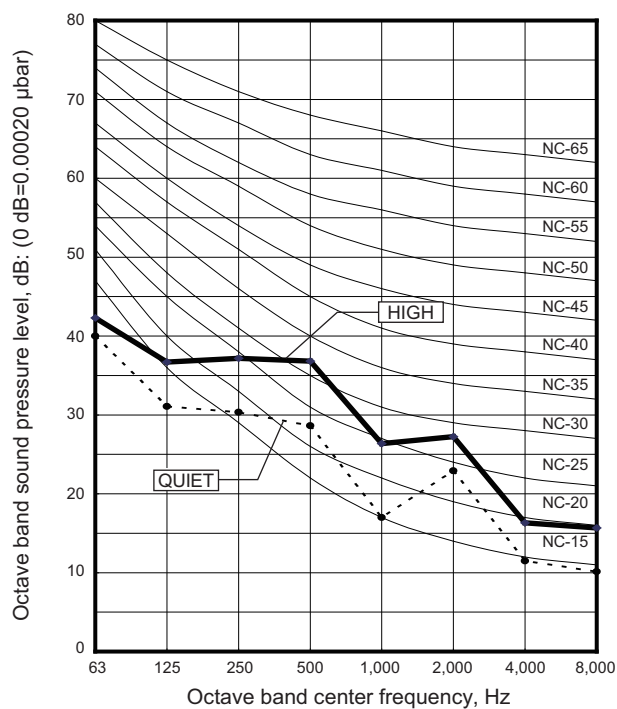


#### ■ Model: AUXG09KVLA

##### ● Cooling

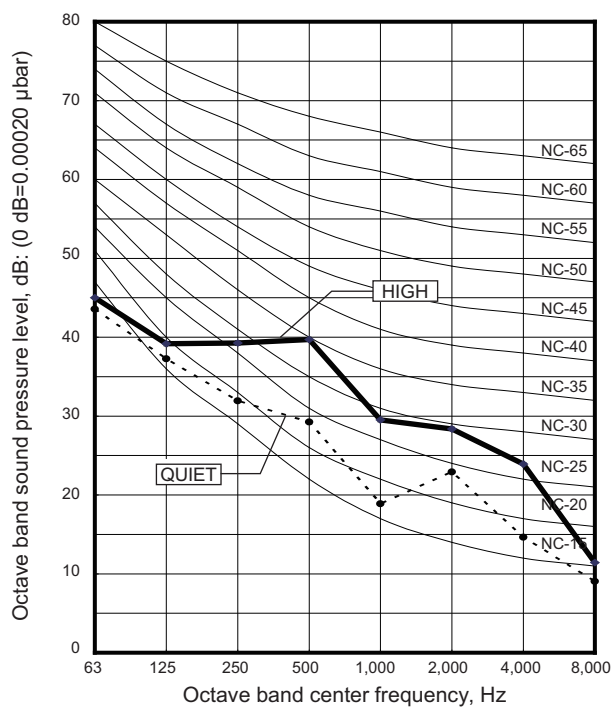


##### ● Heating

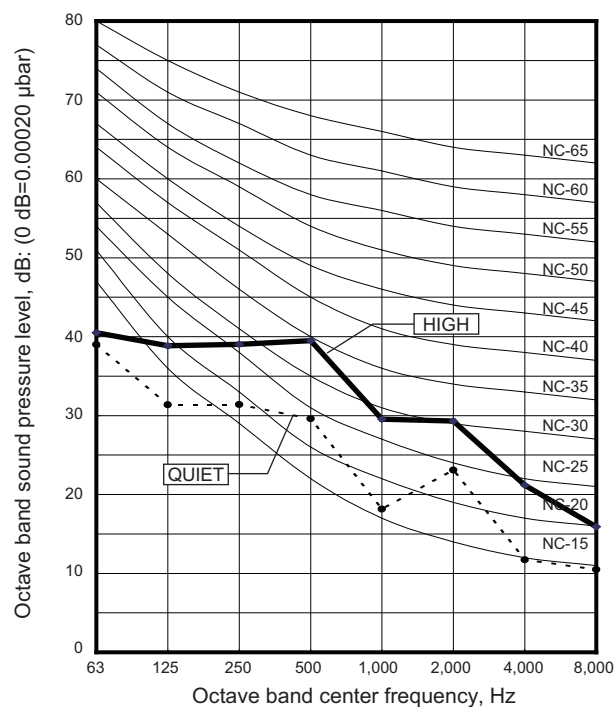


## Model: AUXG12KVLA

### Cooling

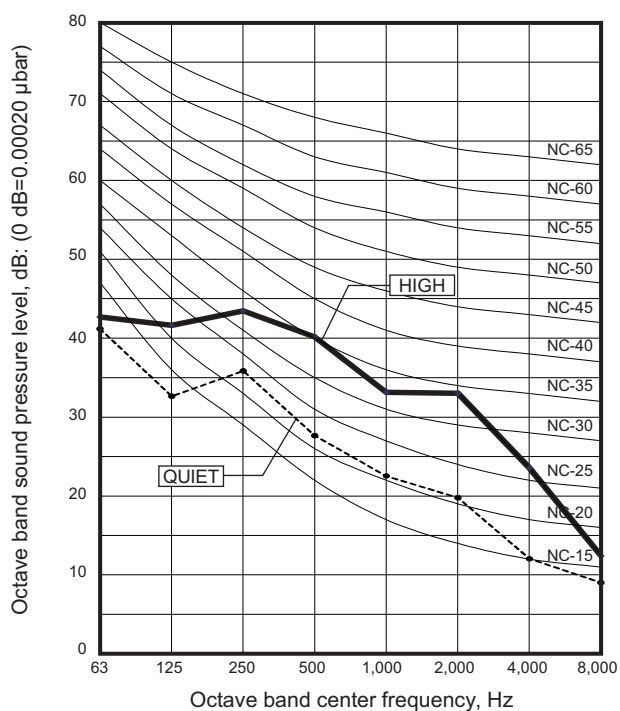


### Heating

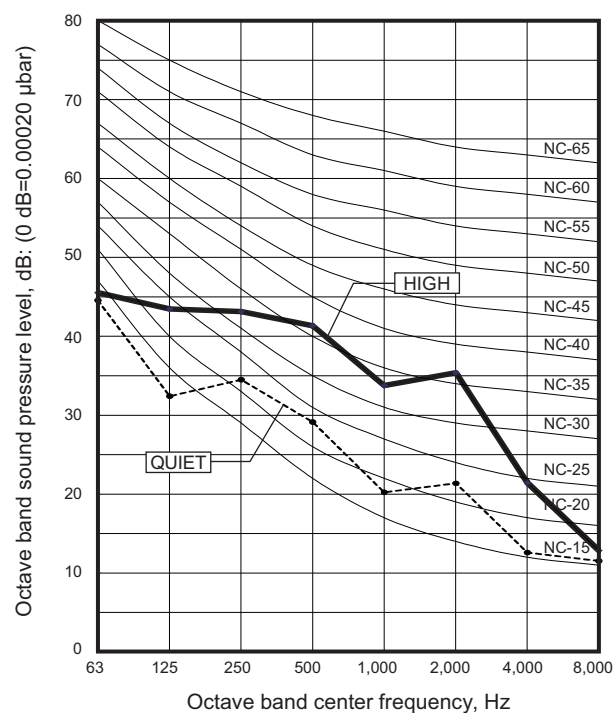


## Model: AUXG14KVLA

### Cooling



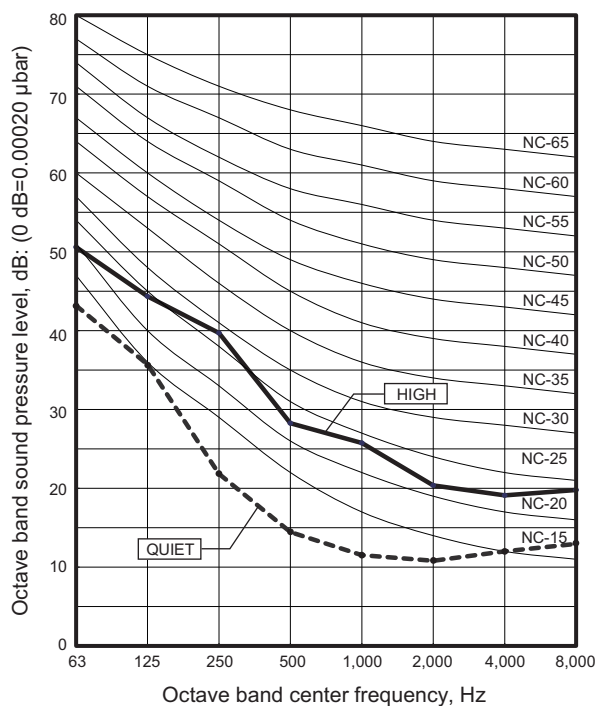
### Heating



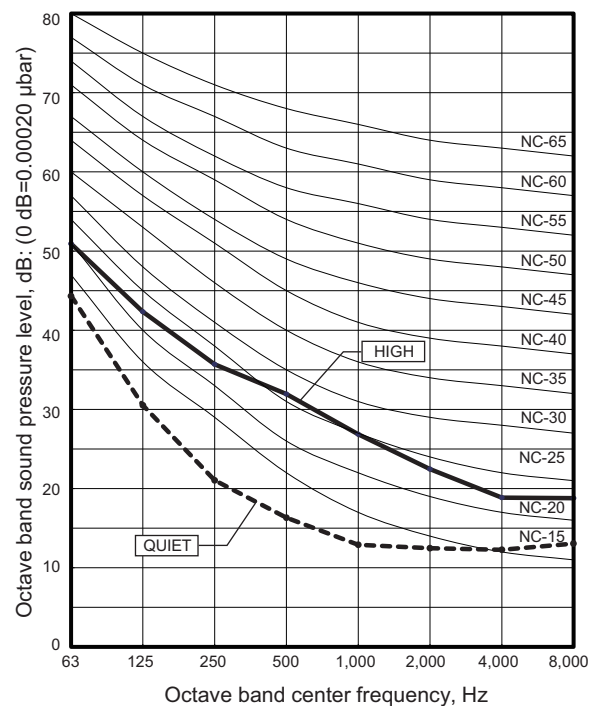
## 9-2. Mini duct type

### ■ Model: ARXG07KSLAP

#### ● Cooling

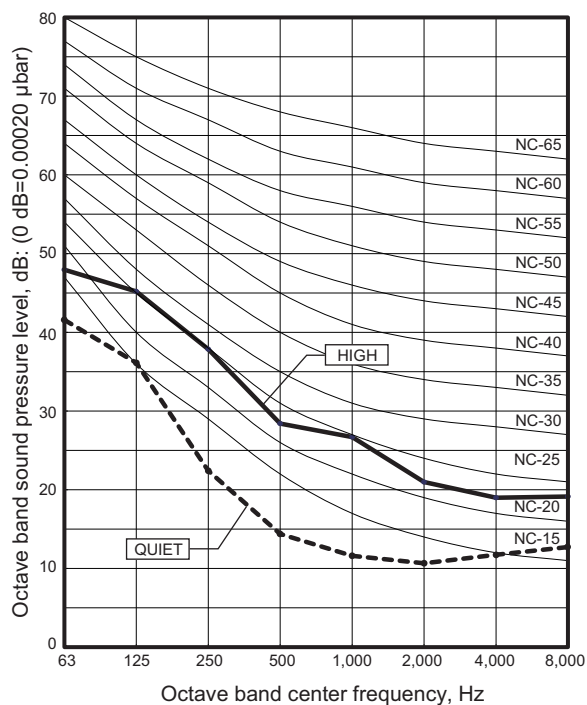


#### ● Heating

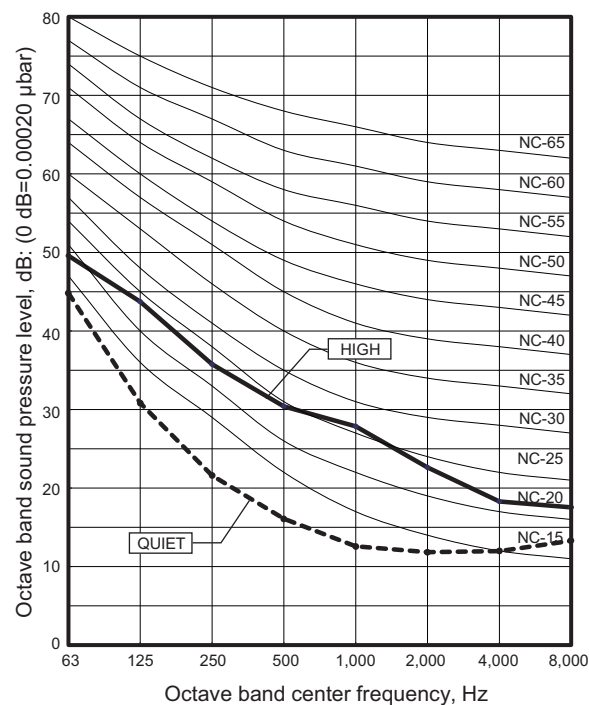


### ■ Model: ARXG09KSLAP

#### ● Cooling



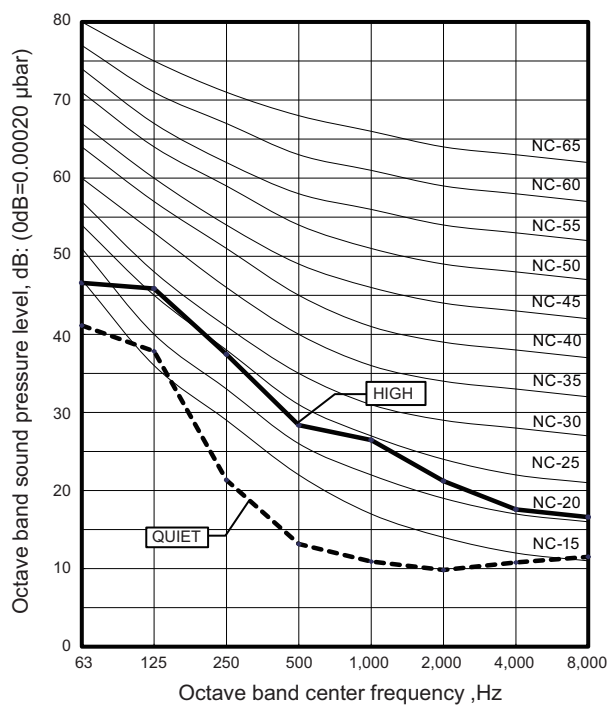
#### ● Heating



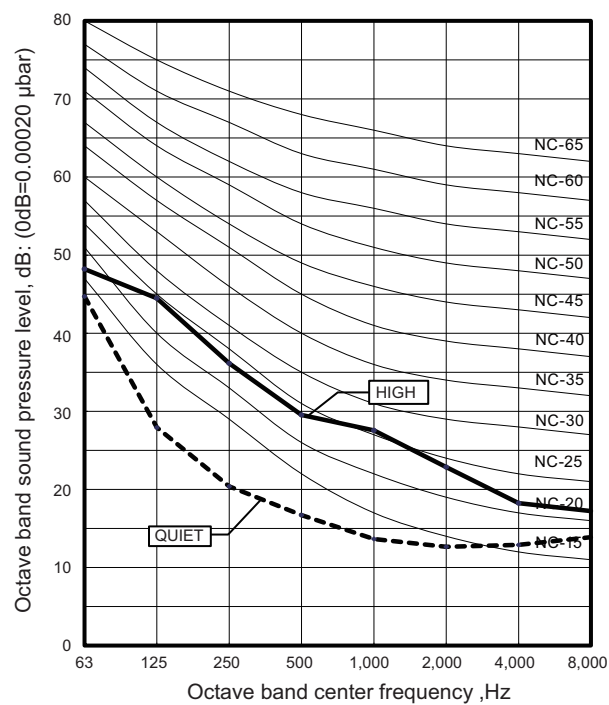


## Model: ARXG12KSLAP

### Cooling

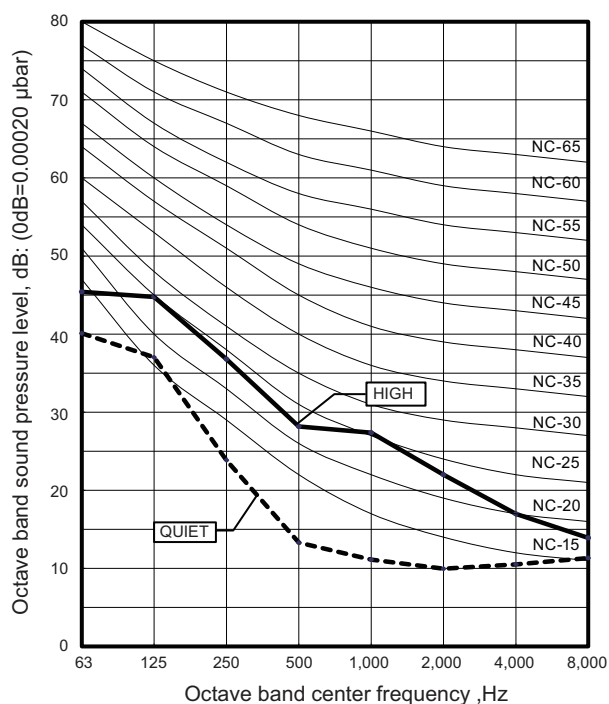


### Heating

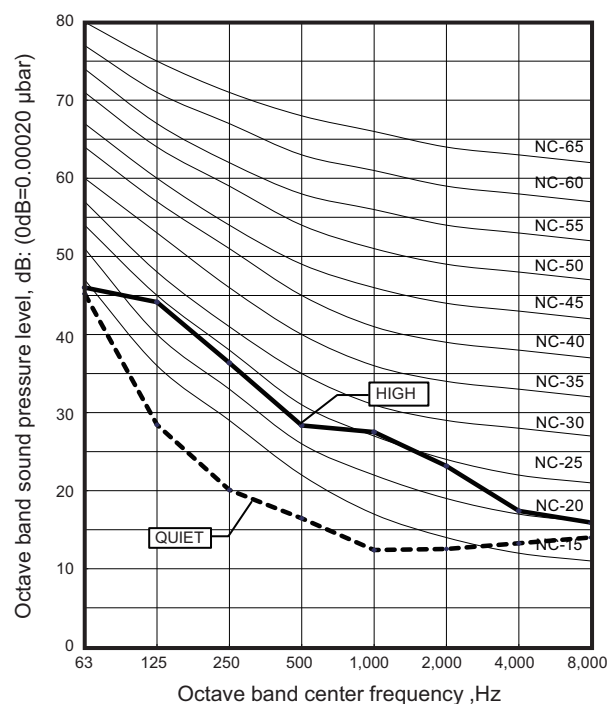


## Model: ARXG14KSLAP

### Cooling



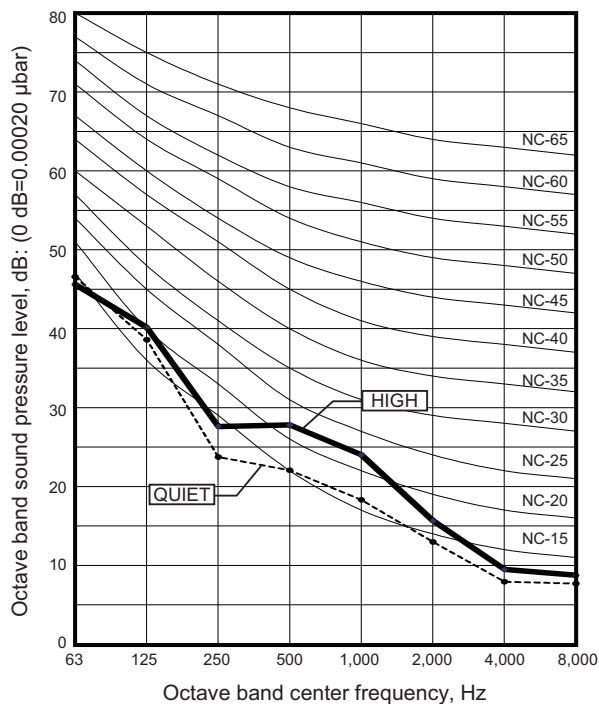
### Heating



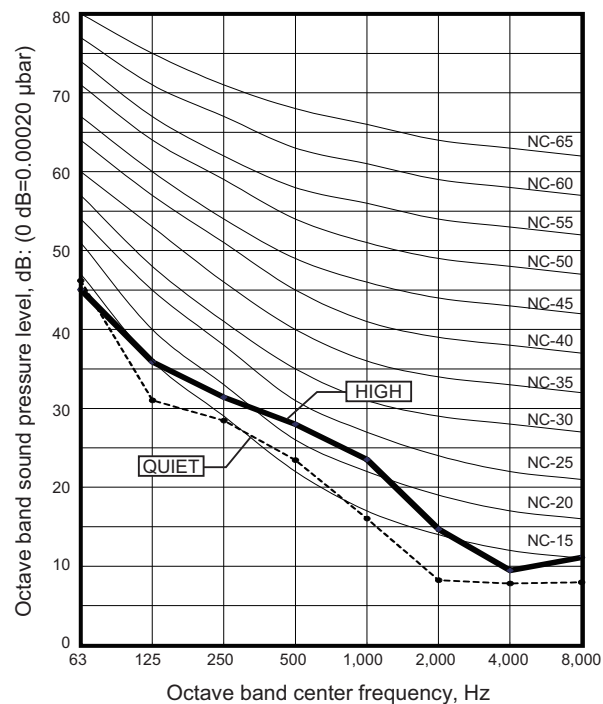
## 9-3. Slim duct type

### ■ Model: ARXG07KLLAP

#### ● Cooling

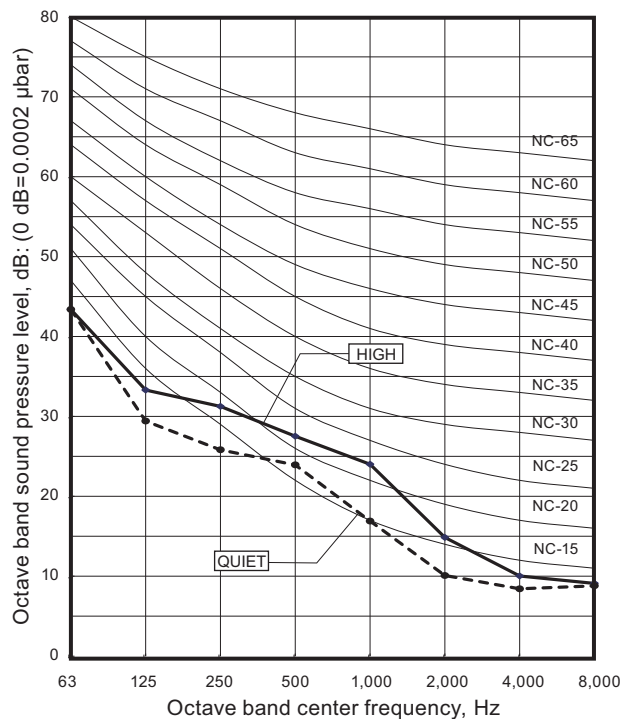


#### ● Heating

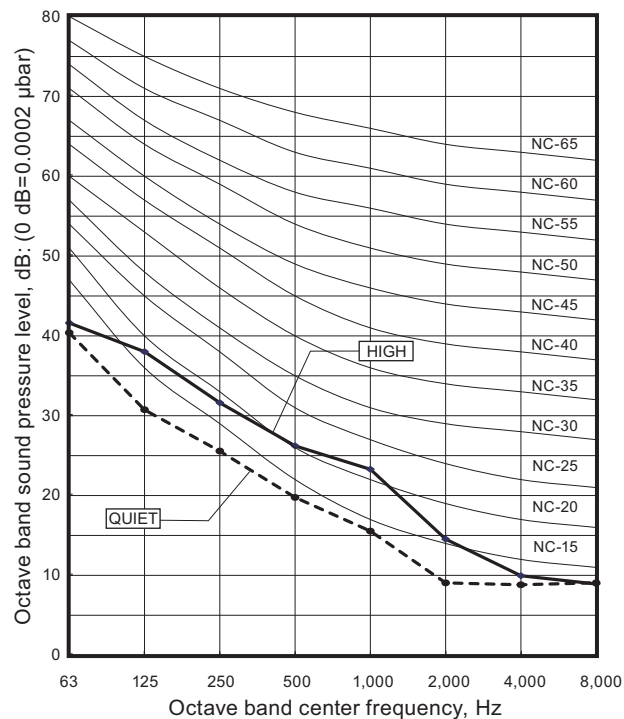


### ■ Model: ARXG09KLLAP

#### ● Cooling

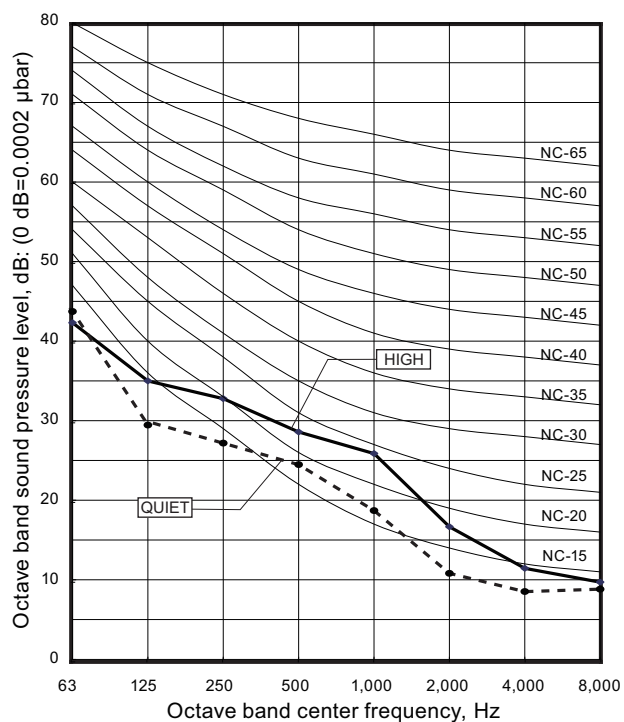


#### ● Heating

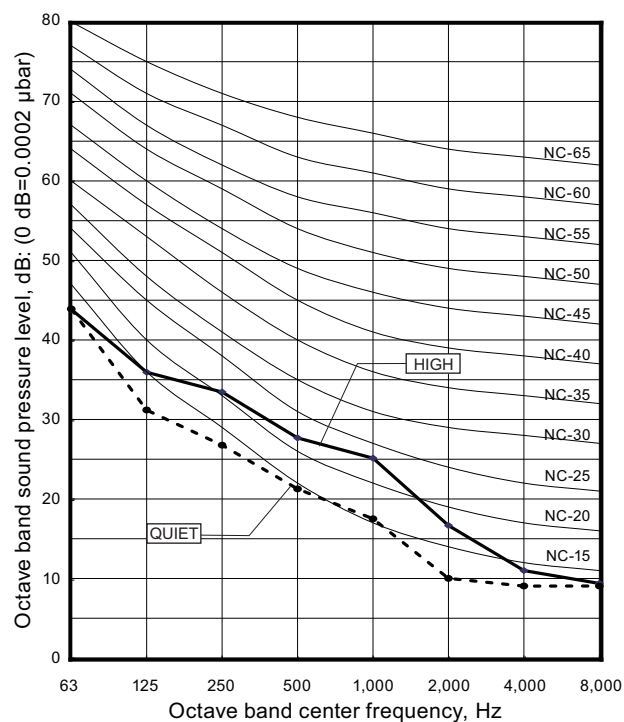


## Model: ARXG12KLLAP

### Cooling

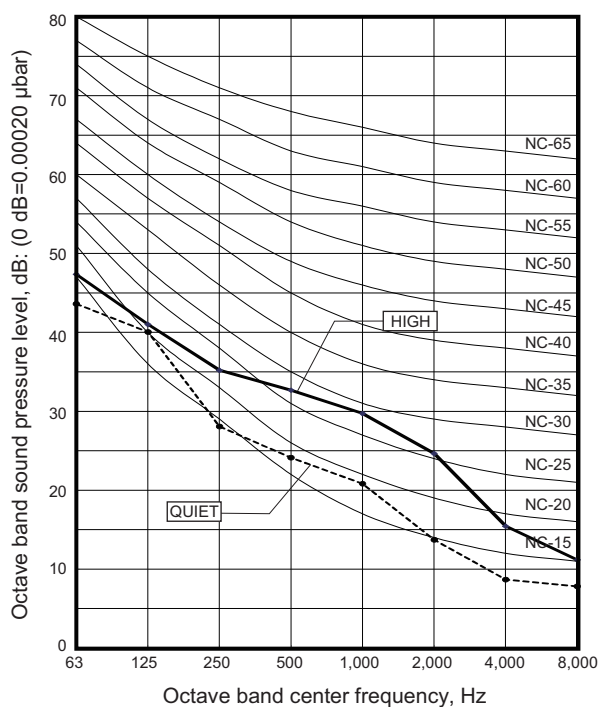


### Heating

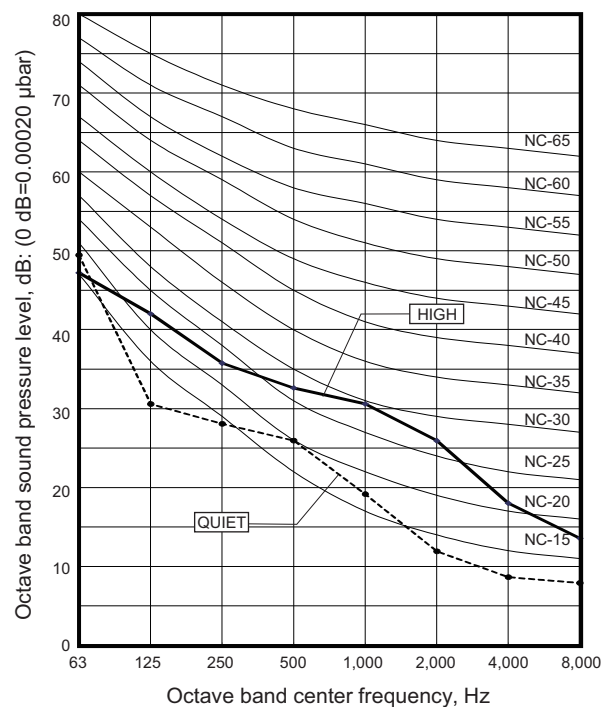


## Model: ARXG14KLLAP

### Cooling



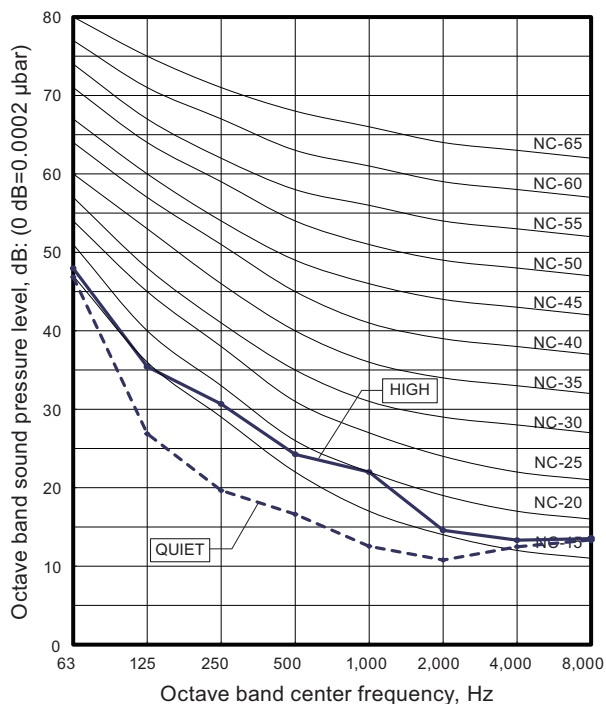
### Heating



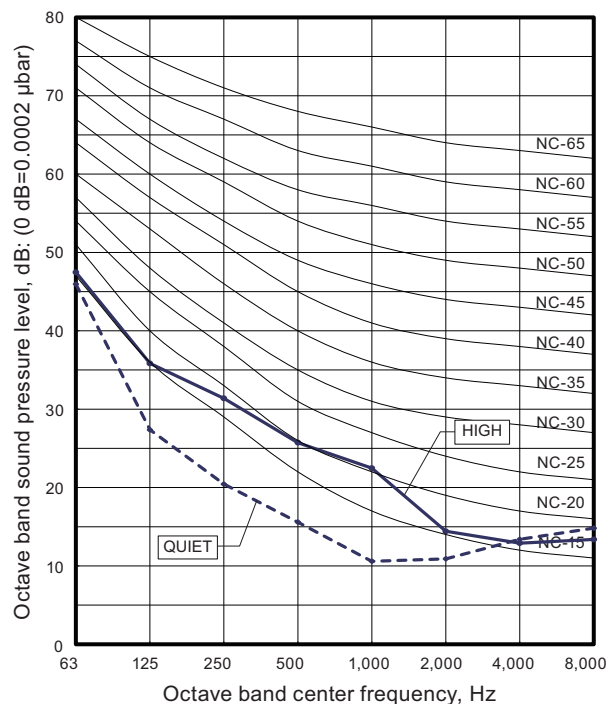
## 9-4. Medium static pressure duct type

### ■ Model: ARXH12KMTAP

#### ● Cooling

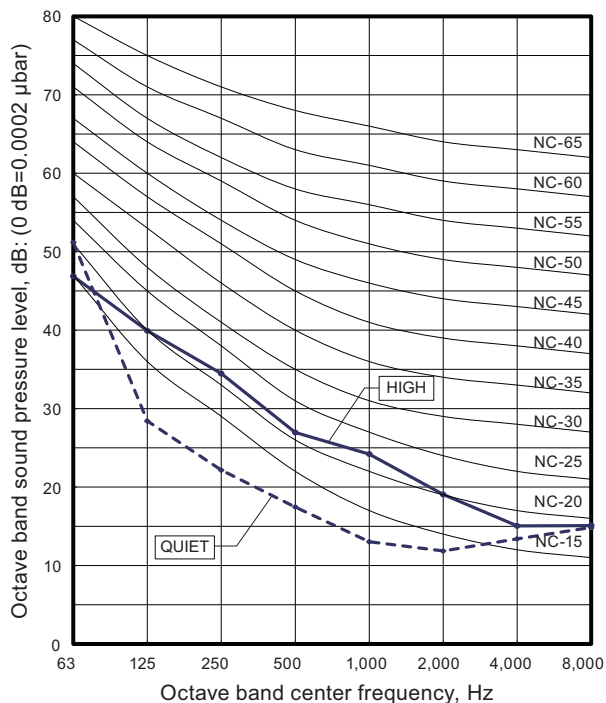


#### ● Heating

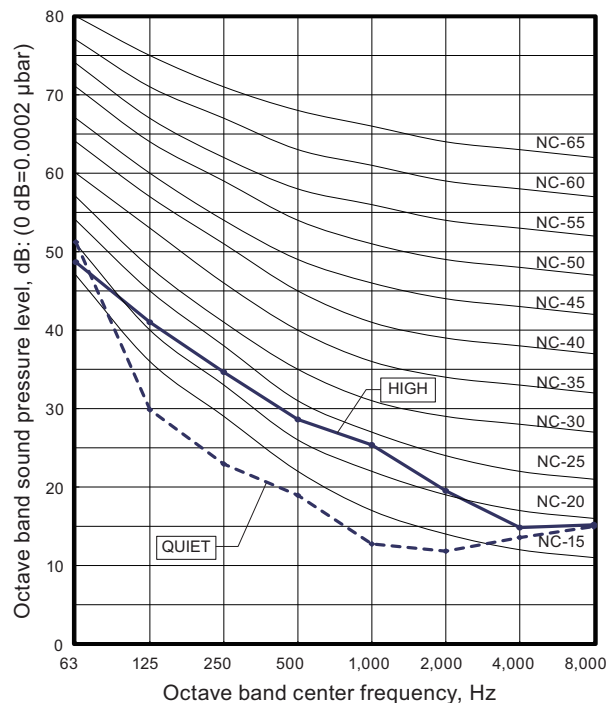


### ■ Model: ARXH14KMTAP

#### ● Cooling



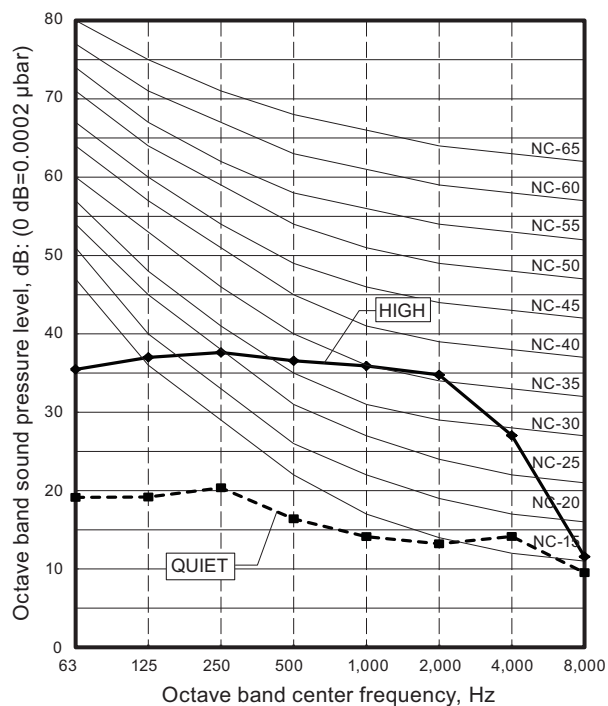
#### ● Heating



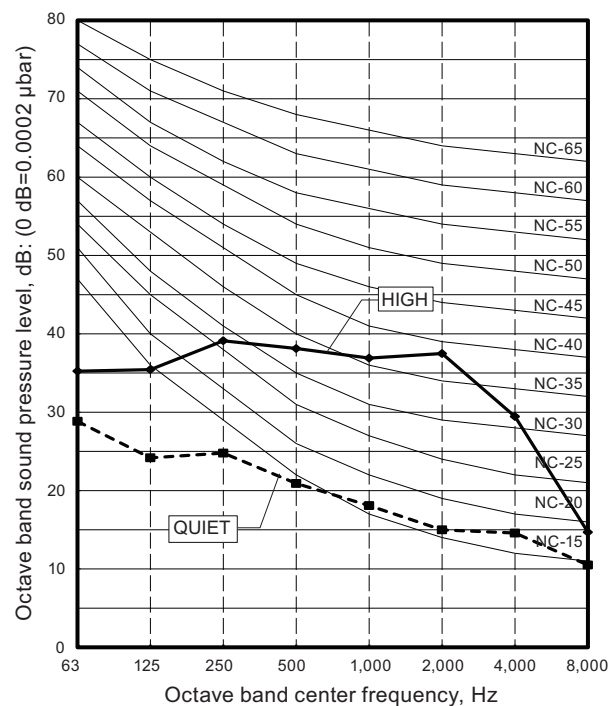
## 9-5. Wall mounted type

■ Models: ASEH07KMCG, ASEH07KMCG-B, ASEG07KETF, and ASEG07KETF-B

### ● Cooling

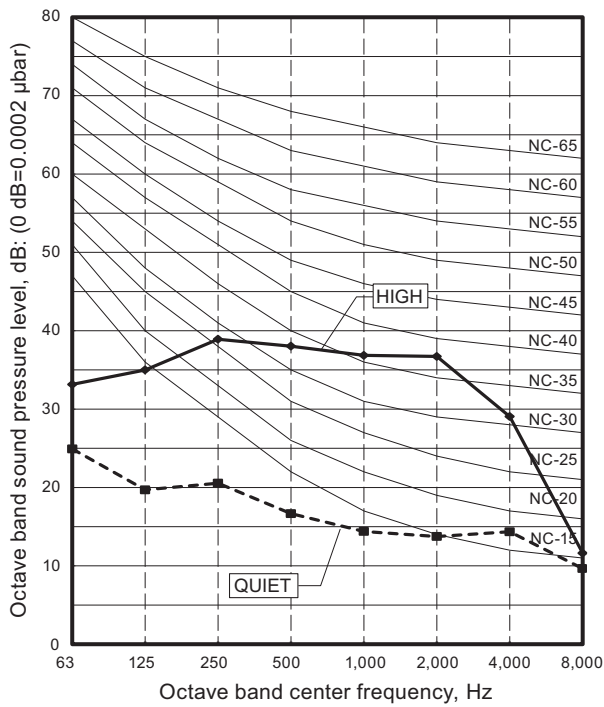


### ● Heating

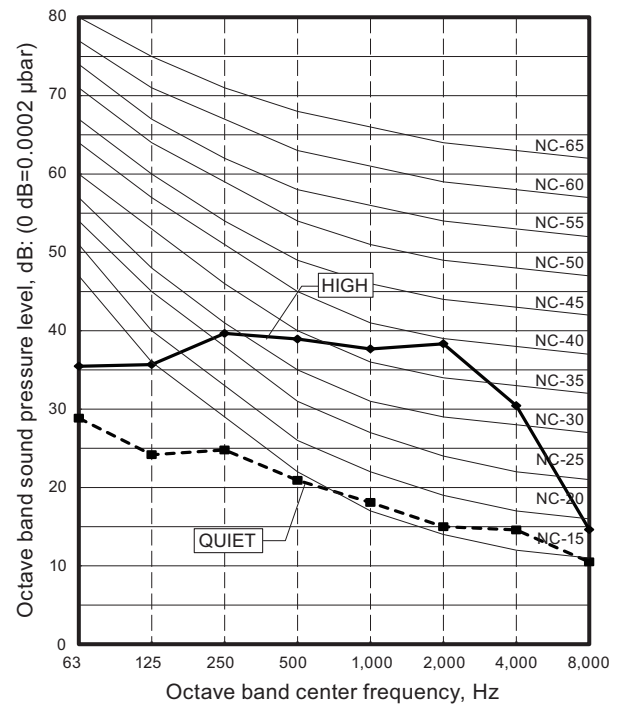


# ■ Models: ASEH09KMCG, ASEH09KMCG-B, ASEG09KETF, and ASEG09KETF-B

## ● Cooling

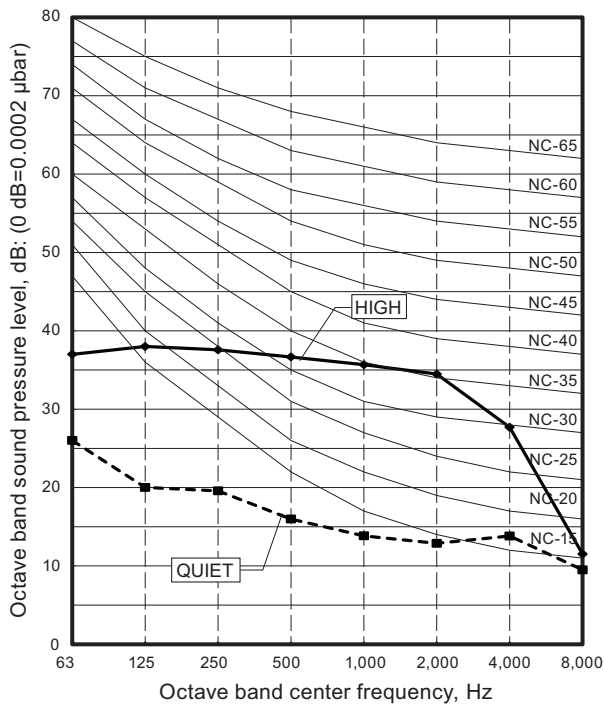


## ● Heating

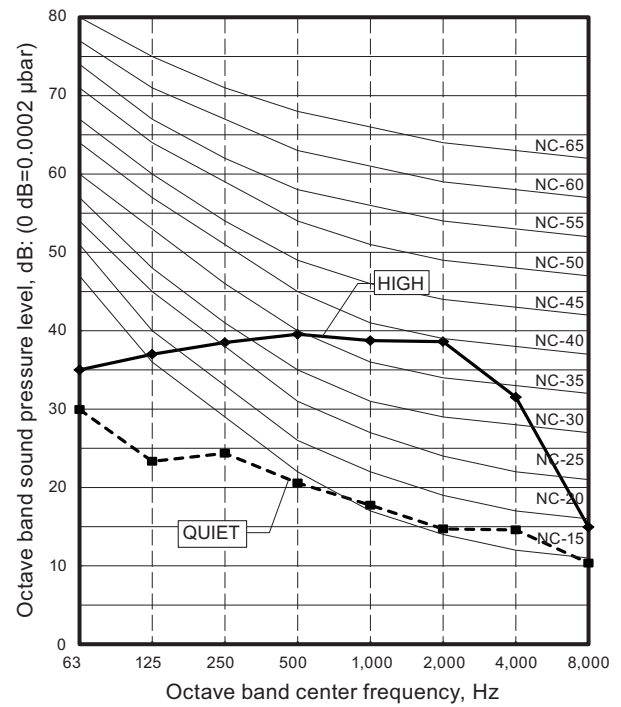


# ■ Models: ASEH12KMCG, ASEH12KMCG-B, ASEG12KETF, and ASEG12KETF-B

## ● Cooling

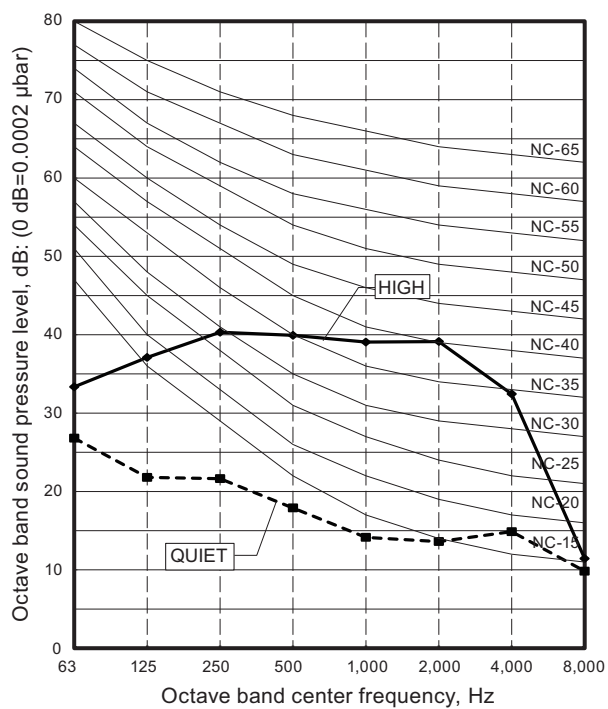


## ● Heating

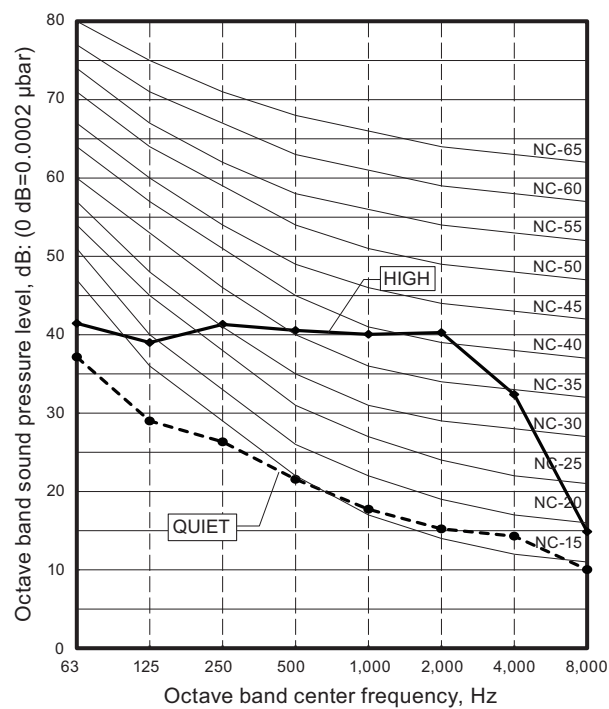


# ■ Models: ASEH14KMCG, ASEH14KMCG-B, ASEG14KETF, and ASEG14KETF-B

## ● Cooling



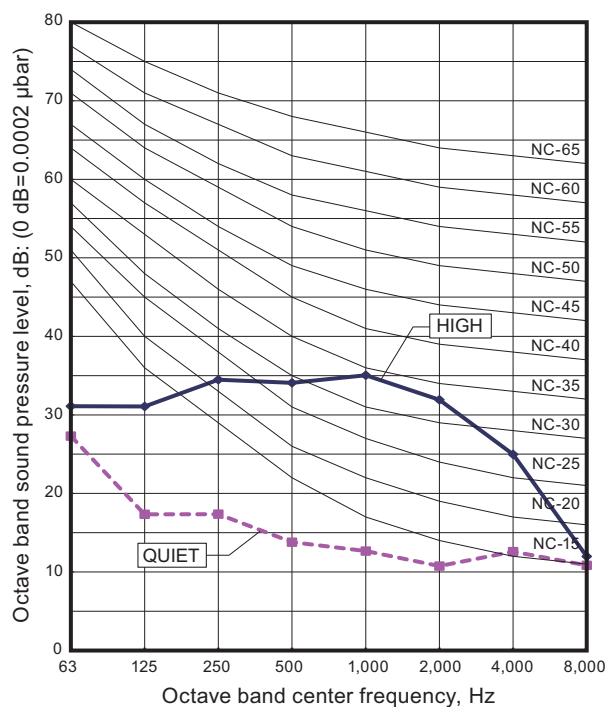
## ● Heating



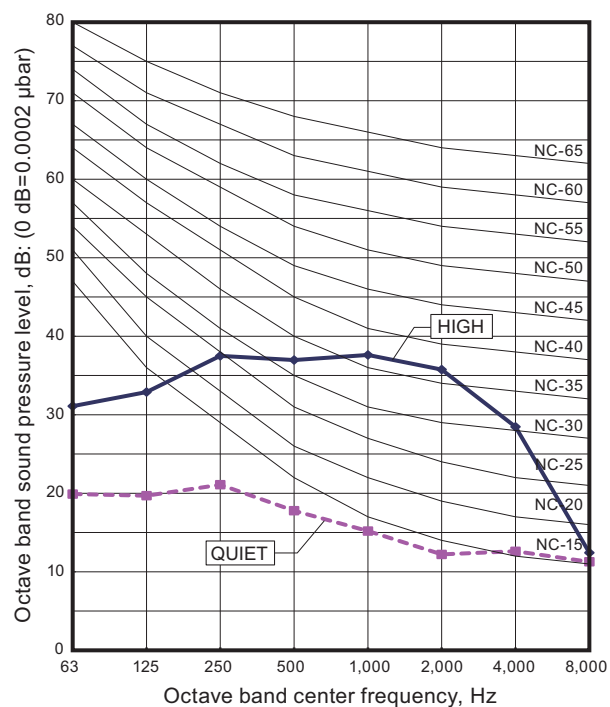


## Model: ASEH07KGTG

### Cooling

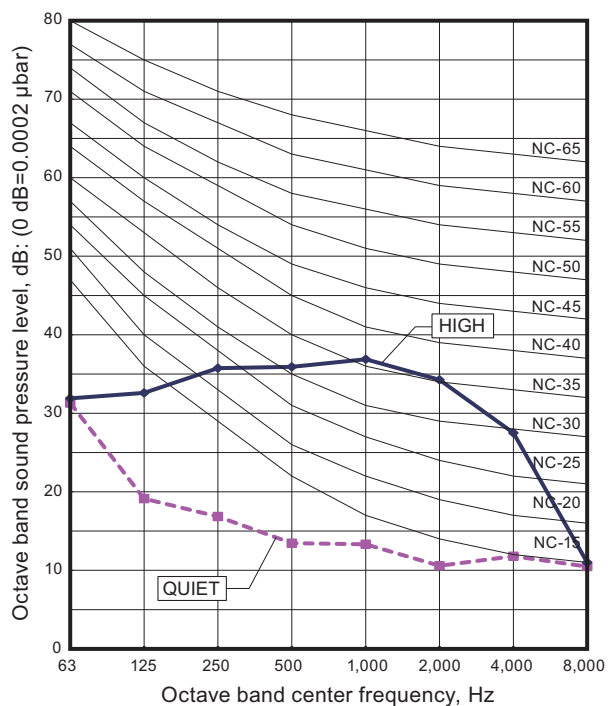


### Heating

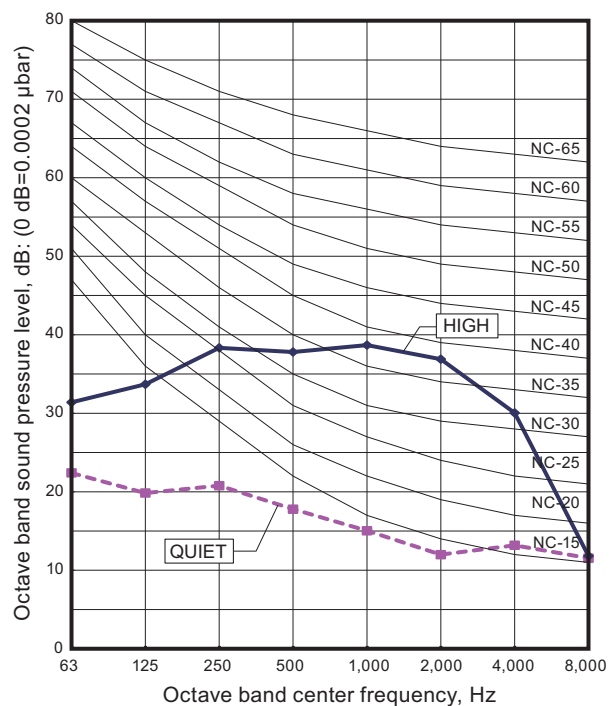


## Model: ASEH09KGTG

### Cooling

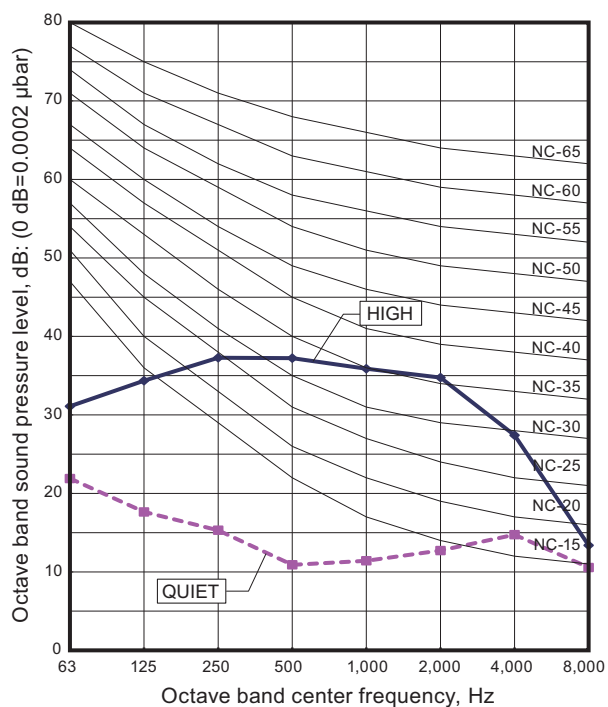


### Heating

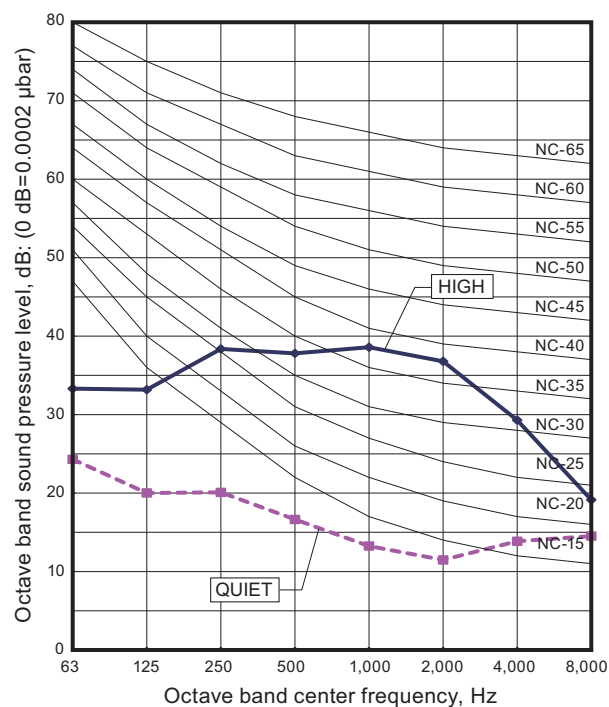


## Model: ASEH12KGTG

### Cooling

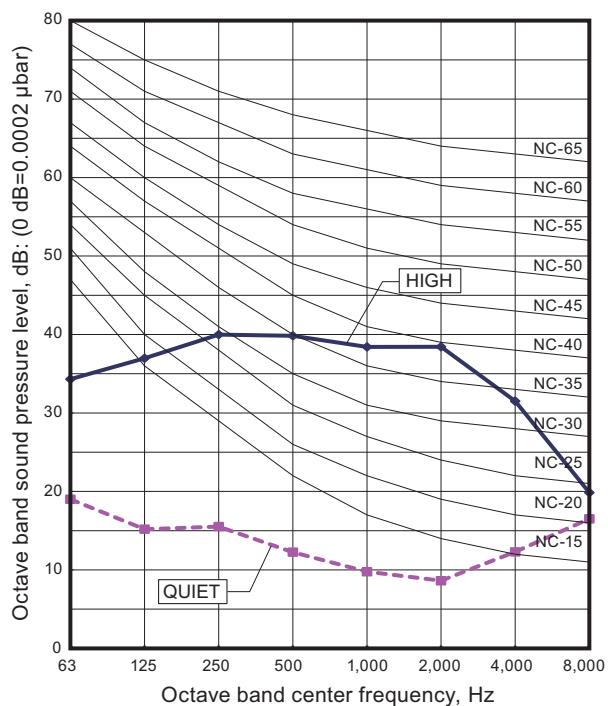


### Heating

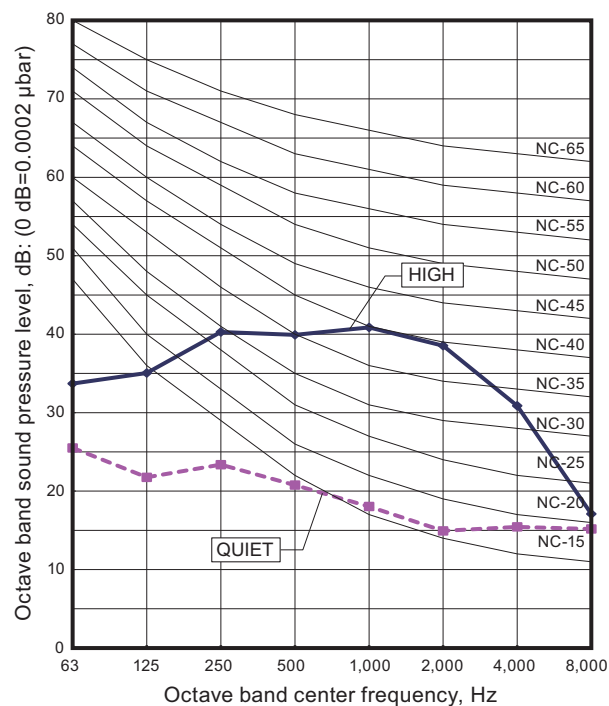


## Model: ASEH14KGTG

### Cooling

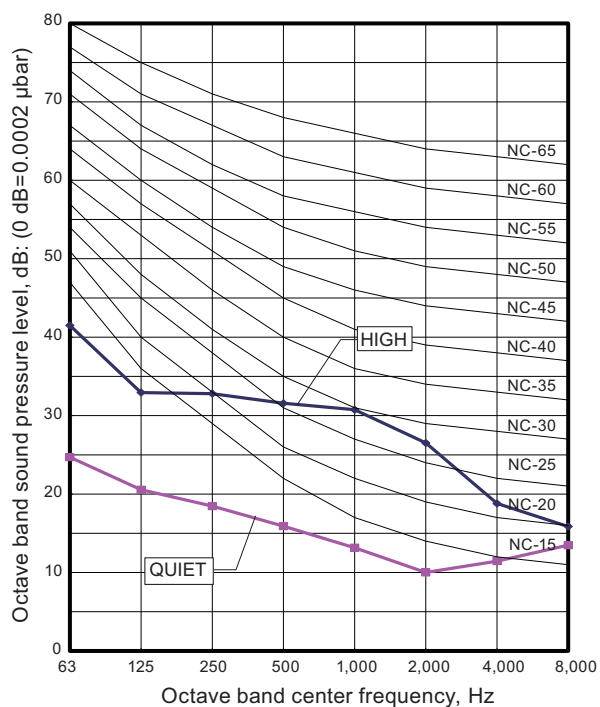


### Heating

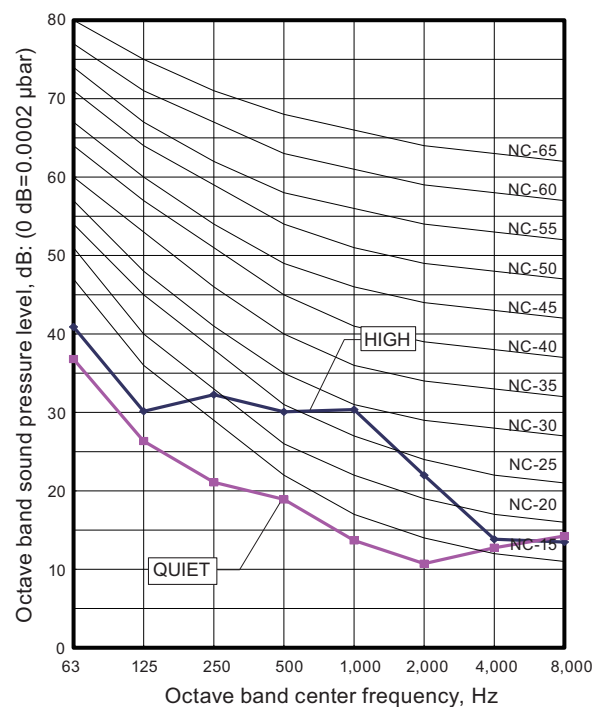


## ■ ASEH05KNCA

### ● Cooling

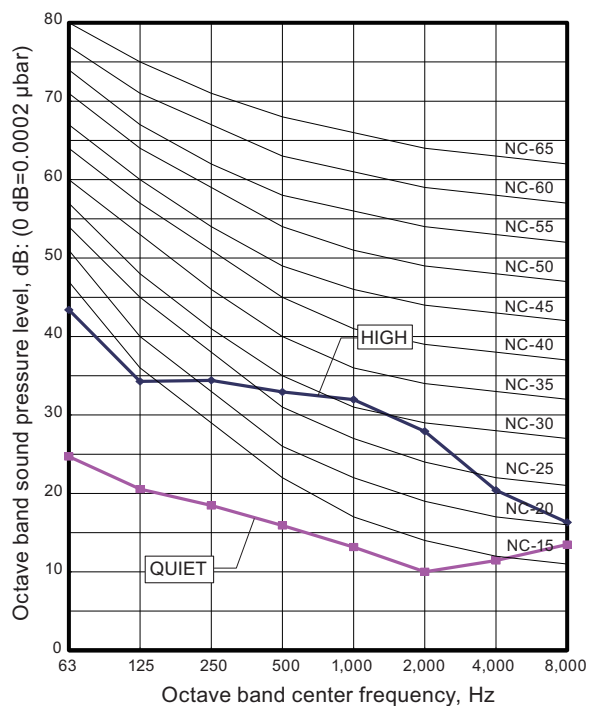


### ● Heating

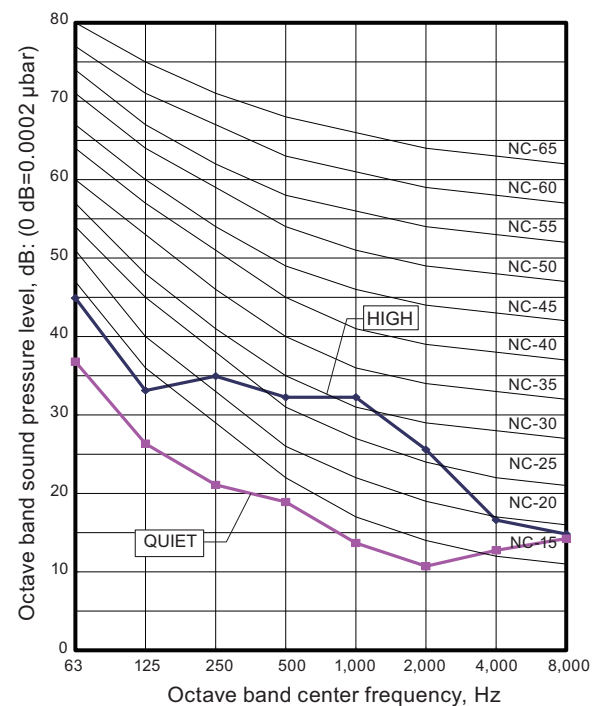


## ■ ASEH07KNCA

### ● Cooling

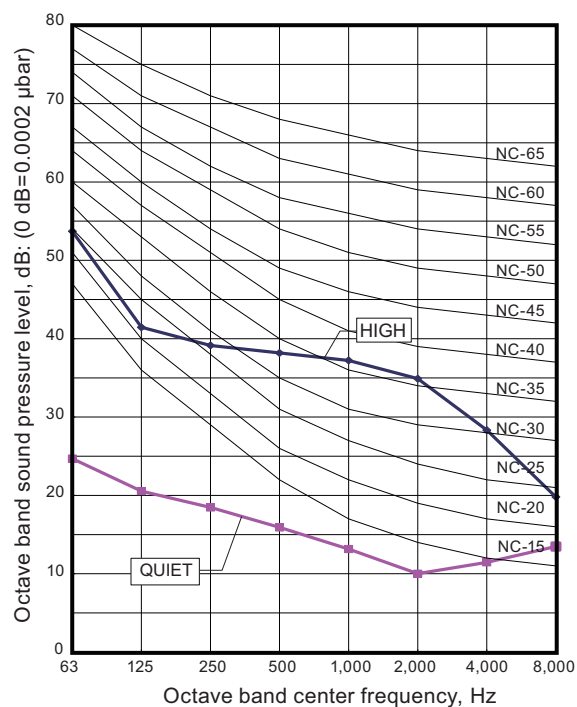


### ● Heating

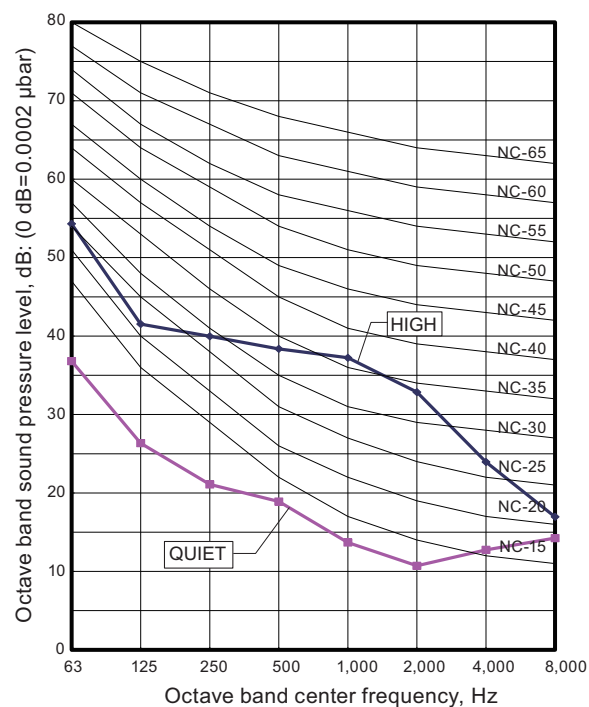


## ■ ASEH09KNCA

### ● Cooling

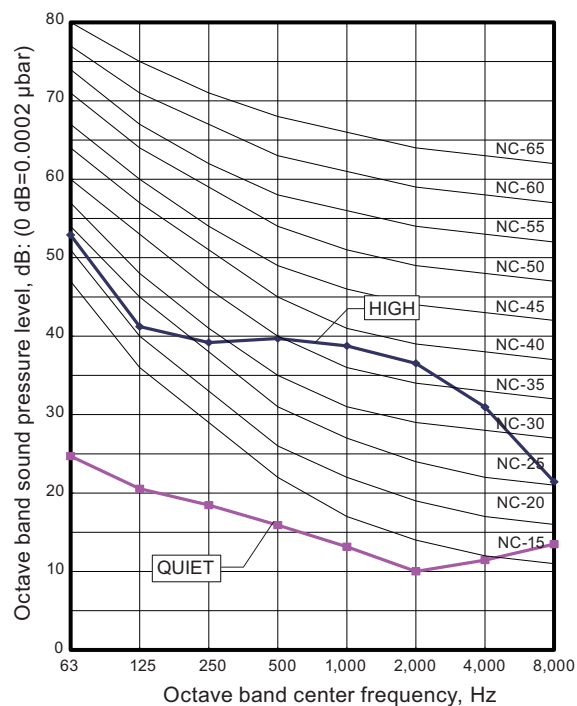


### ● Heating

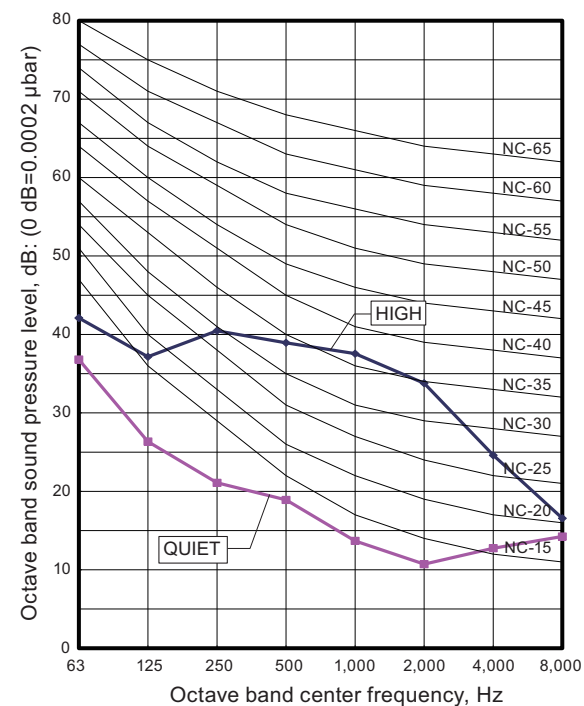


## ■ ASEH12KNCA

### ● Cooling



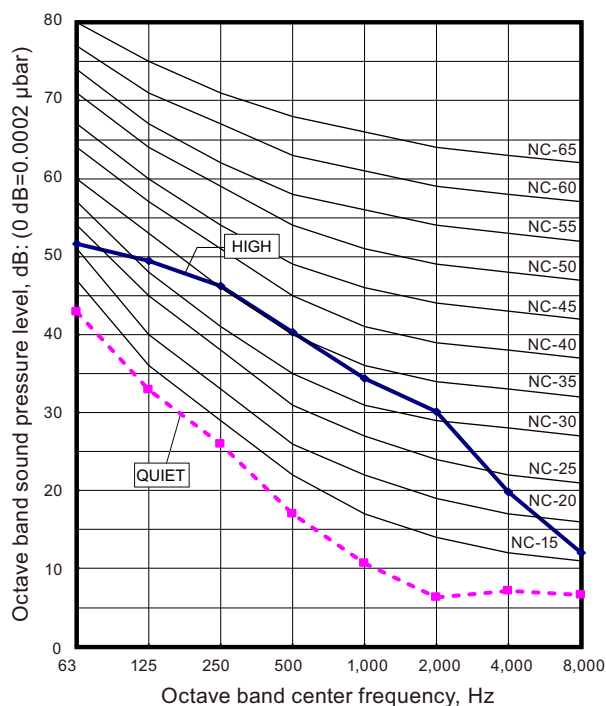
### ● Heating



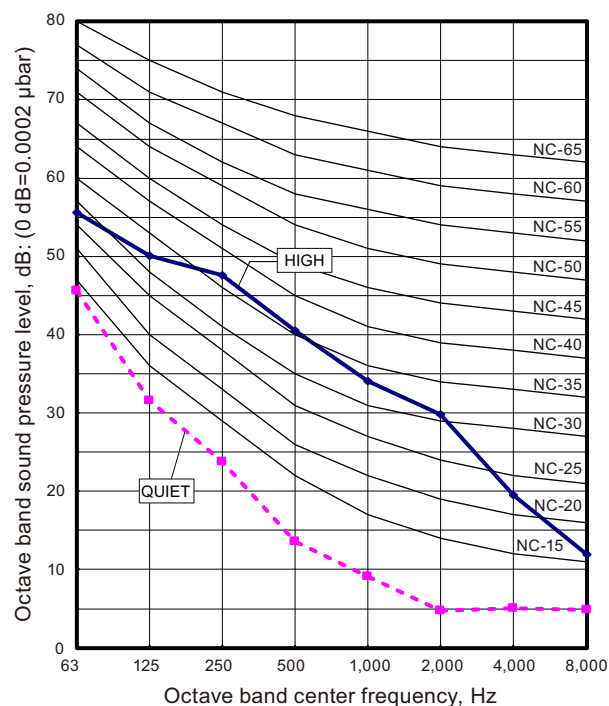
## 9-6. Floor type

### ■ Model: AGE09KVCA

#### ● Cooling

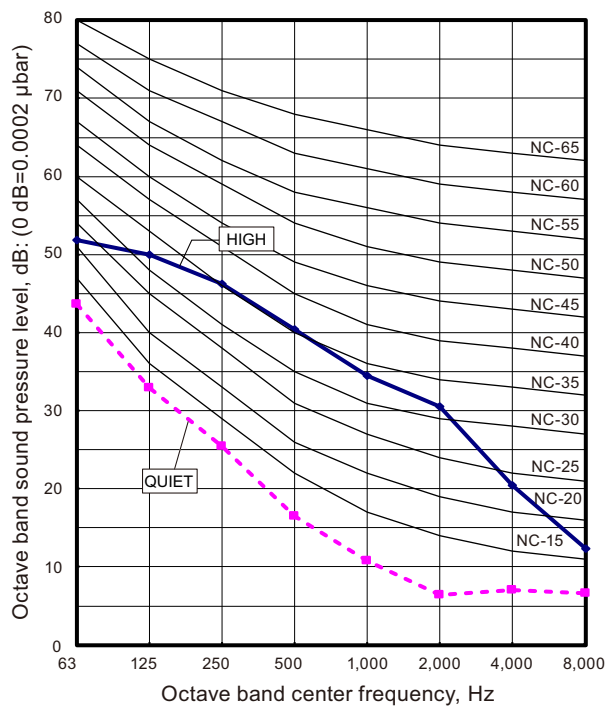


#### ● Heating

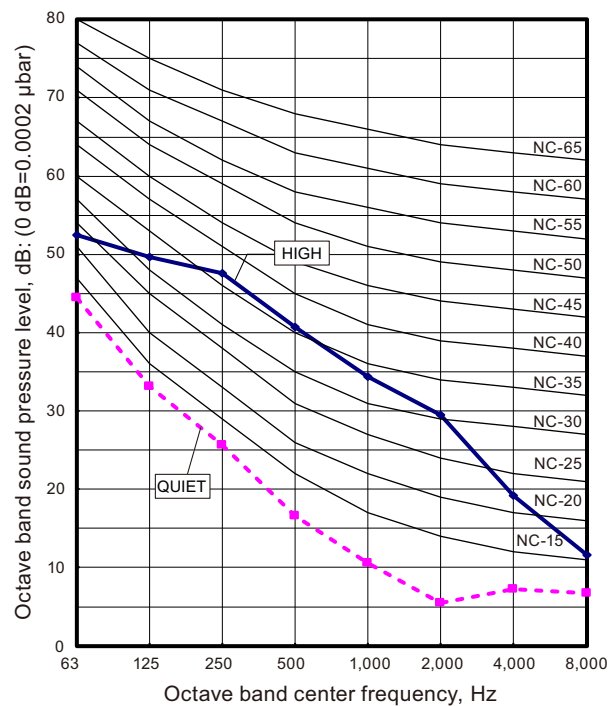


### ■ Model: AGE12KVCA

#### ● Cooling

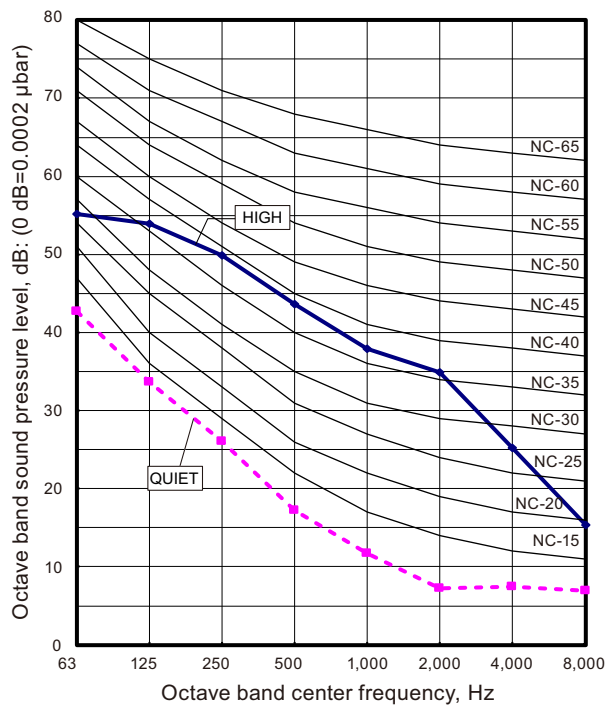


#### ● Heating

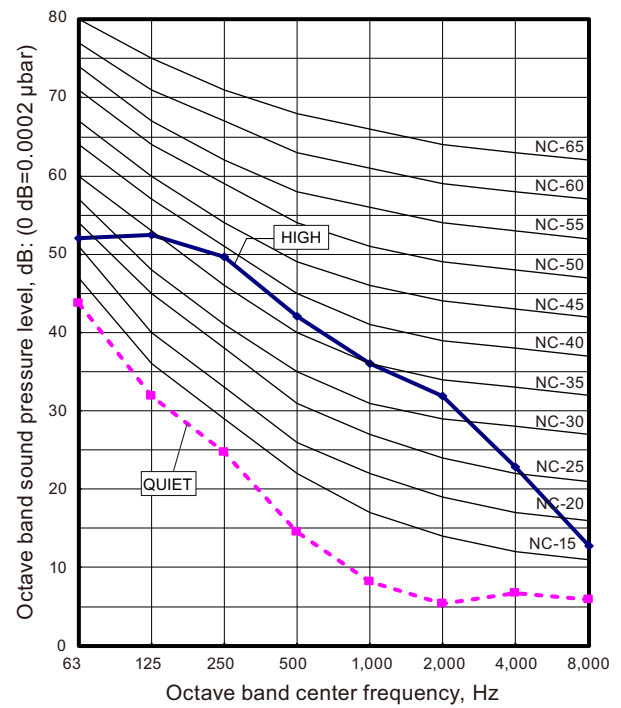


# **Model: AGE14KVCA**

## ● Cooling

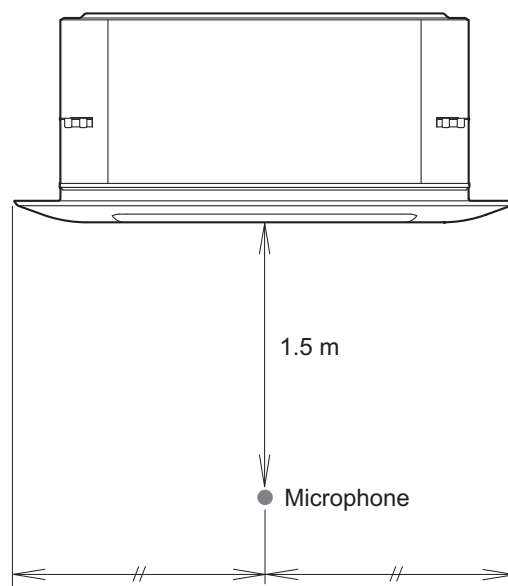
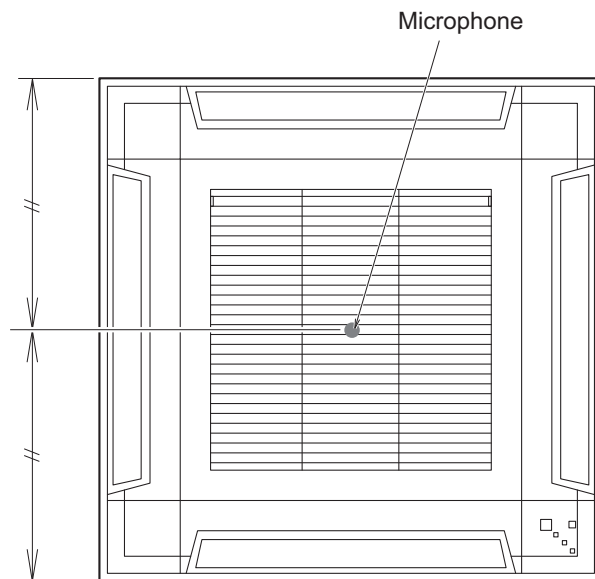


## ● Heating

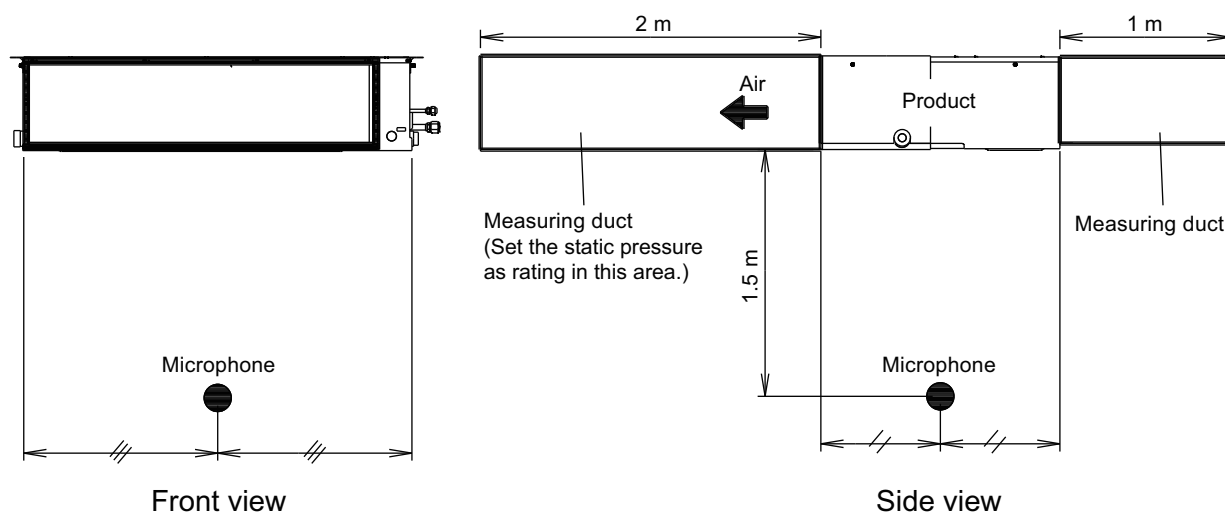


## 9-7. Sound level check point

### ■ Compact cassette type

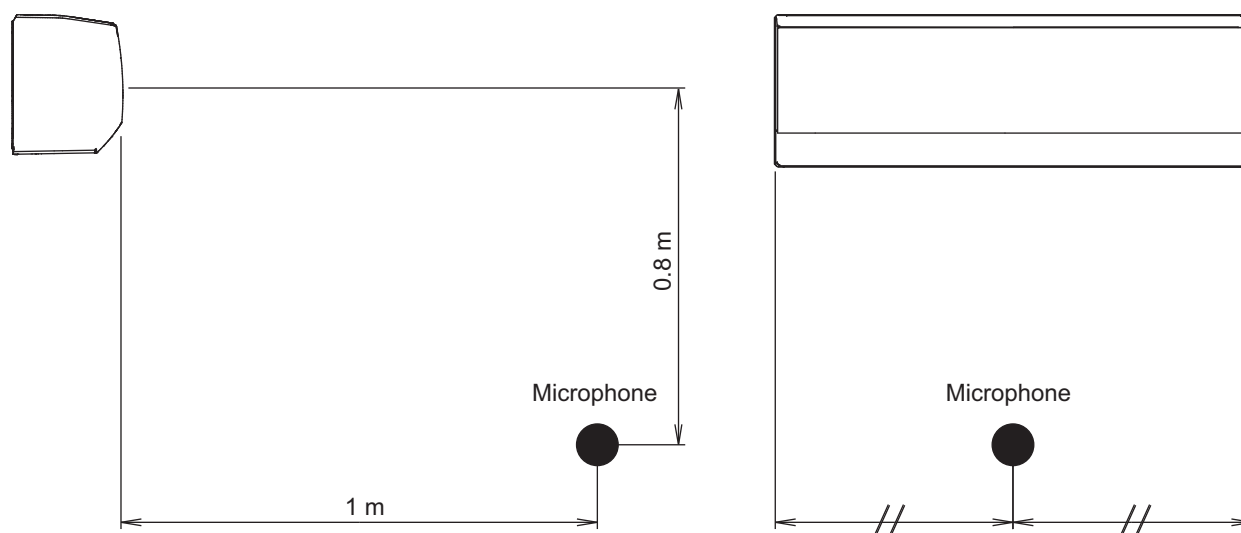


## ■ Mini duct type , Slim duct type, and Medium static pressure duct type



**NOTE:** Detailed shape of the actual indoor unit might be slightly different from the one illustrated above.

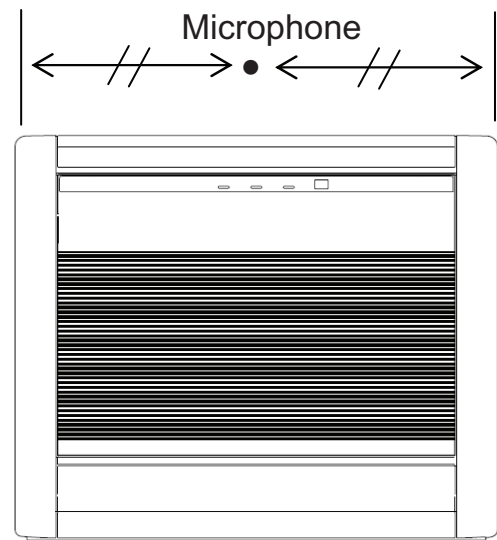
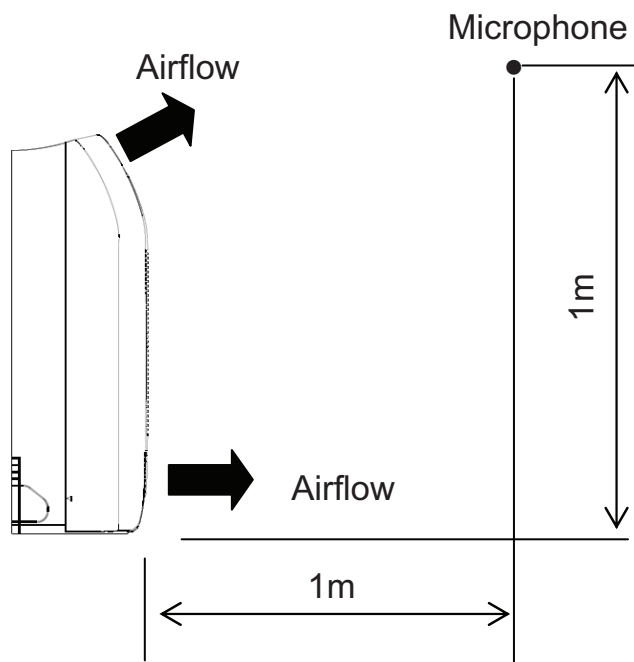
## ■ Wall mounted type



**NOTE:** Detailed shape of the actual indoor unit might be slightly different from the one illustrated above.



## ■ Floor type



## 10. Electrical characteristics

|                             |                            | Power supply<br>(50 Hz, 230 V) | Indoor rated |      | Wiring spec. of connection cable<br>(Indoor unit to outdoor unit) |                       |
|-----------------------------|----------------------------|--------------------------------|--------------|------|-------------------------------------------------------------------|-----------------------|
| Type                        | Model name                 | MCA                            | Input power  | FLA  | Cross- sectional area                                             | Limited wiring length |
|                             |                            | (A)                            | (W)          | (A)  | (mm <sup>2</sup> )                                                | (m)                   |
| Compact cassette            | AUXG07KVLA                 | 0.19                           | 18           | 0.15 | 1.5                                                               | 21                    |
|                             | AUXG09KVLA                 | 0.19                           | 18           | 0.15 |                                                                   |                       |
|                             | AUXG12KVLA                 | 0.24                           | 23           | 0.19 |                                                                   |                       |
|                             | AUXG14KVLA                 | 0.28                           | 28           | 0.22 |                                                                   |                       |
| Mini duct                   | ARXG07KSLAP                | 0.33                           | 33           | 0.29 | 1.5                                                               | 21                    |
|                             | ARXG09KSLAP                | 0.38                           | 40           | 0.33 |                                                                   |                       |
|                             | ARXG12KSLAP                | 0.42                           | 47           | 0.38 |                                                                   |                       |
|                             | ARXG14KSLAP                | 0.67                           | 72           | 0.58 |                                                                   |                       |
| Slim duct                   | ARXG07KLLAP                | 0.41                           | 33           | 0.33 | 1.5                                                               | 21                    |
|                             | ARXG09KLLAP                | 0.38                           | 49           | 0.30 |                                                                   |                       |
|                             | ARXG12KLLAP                | 0.44                           | 58           | 0.35 |                                                                   |                       |
|                             | ARXG14KLLAP                | 0.64                           | 76           | 0.51 |                                                                   |                       |
| Medium static pressure duct | ARXH12KMTAP                | 0.43                           | 46           | 0.34 | 1.5                                                               | 21                    |
|                             | ARXH14KMTAP                | 0.62                           | 70           | 0.49 |                                                                   |                       |
| Wall mounted                | ASEH07KMCG<br>ASEH07KMCG-B | 0.25                           | 23           | 0.20 | 1.5                                                               | 21                    |
|                             | ASEH09KMCG<br>ASEH09KMCG-B | 0.30                           | 27           | 0.24 |                                                                   |                       |
|                             | ASEH12KMCG<br>ASEH12KMCG-B | 0.30                           | 27           | 0.24 |                                                                   |                       |
|                             | ASEH14KMCG<br>ASEH14KMCG-B | 0.38                           | 33           | 0.30 |                                                                   |                       |
|                             | ASEH14KMCG<br>ASEH14KMCG-B | 0.38                           | 33           | 0.30 |                                                                   |                       |
| Wall mounted                | ASEG07KETF<br>ASEG07KETF-B | 0.25                           | 23           | 0.20 | 1.5                                                               | 21                    |
|                             | ASEG09KETF<br>ASEG09KETF-B | 0.30                           | 27           | 0.24 |                                                                   |                       |
|                             | ASEG12KETF<br>ASEG12KETF-B | 0.30                           | 27           | 0.24 |                                                                   |                       |
|                             | ASEG14KETF<br>ASEG14KETF-B | 0.38                           | 33           | 0.30 |                                                                   |                       |
|                             | ASEG14KETF<br>ASEG14KETF-B | 0.38                           | 33           | 0.30 |                                                                   |                       |
| Wall mounted                | ASEH07KGTG                 | 0.25                           | 23           | 0.20 | 1.5                                                               | 21                    |
|                             | ASEH09KGTG                 | 0.30                           | 27           | 0.24 |                                                                   |                       |
|                             | ASEH12KGTG                 | 0.30                           | 27           | 0.24 |                                                                   |                       |
|                             | ASEH14KGTG                 | 0.37                           | 33           | 0.29 |                                                                   |                       |
| Wall mounted                | ASEH05KNCA                 | 0.14                           | 12           | 0.11 | 1.5                                                               | 21                    |
|                             | ASEH07KNCA                 | 0.15                           | 13           | 0.12 |                                                                   |                       |
|                             | ASEH09KNCA                 | 0.24                           | 21           | 0.19 |                                                                   |                       |
|                             | ASEH12KNCA                 | 0.25                           | 22           | 0.20 |                                                                   |                       |
| Floor                       | AGEG09KVCA                 | 0.19                           | 16           | 0.15 | 1.5                                                               | 21                    |
|                             | AGEG12KVCA                 | 0.23                           | 20           | 0.18 |                                                                   |                       |
|                             | AGEG14KVCA                 | 0.25                           | 23           | 0.20 |                                                                   |                       |

MCA: Minimum Circuit Ampacity = Maximum operating current (Full load)

FLA: Full Load Amperes (Fan motor)

## 11. Safety devices

| Indoor unit type            | Model name   | PCB* fuse     | Fan motor thermal protector                                                                                                          | Terminal thermal fuse | Float switch |               |                                                                                            |            |   |
|-----------------------------|--------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------|---------------|--------------------------------------------------------------------------------------------|------------|---|
| Compact cassette            | AUXG07KVLA   | 250 V, 5 A    | Activate: 100 ±15 °C<br>Fan motor stop<br>Reset: 95 ±10 °C<br>Fan motor restart                                                      | —                     | ○            |               |                                                                                            |            |   |
|                             | AUXG09KVLA   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | AUXG12KVLA   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | AUXG14KVLA   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| Mini duct                   | ARXG07KSLAP  |               | Activate: 135 ±15 °C<br>Fan motor stop<br>Reset: 105 ±15 °C<br>Fan motor restart                                                     |                       |              |               |                                                                                            |            |   |
|                             | ARXG09KSLAP  |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ARXG12KSLAP  |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ARXG14KSLAP  |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| Slim duct                   | ARXG07KLLAP  |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ARXG09KLLAP  |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ARXG12KLLAP  |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ARXG14KLLAP  |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| Medium static pressure duct | ARXH12KMTAP  | 250 V, 5 A    | Activate: 135—150 °C<br>Fan motor stop<br>Reset: 105—120 °C<br>Fan motor restart                                                     | —                     | ○            |               |                                                                                            |            |   |
|                             | ARXH14KMTAP  |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| Wall mounted                | ASEH07KMCG   | 250 V, 3.15 A | Activate: 170 <sup>+25</sup> <sub>-30</sub> °C<br>Fan motor stop<br>Reset: 145 <sup>+25</sup> <sub>-30</sub> °C<br>Fan motor restart | —                     | —            |               |                                                                                            |            |   |
|                             | ASEH07KMCG-B |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEH09KMCG   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEH09KMCG-B |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEH12KMCG   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEH12KMCG-B |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| Wall mounted                | ASEH14KMCG   | 250 V, 3.15 A | Activate: 125 ±10 °C<br>Fan motor stop<br>Reset: 100 ±10 °C<br>Fan motor restart                                                     | 102 °C Off            | —            |               |                                                                                            |            |   |
|                             | ASEH14KMCG-B |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEG07KETF   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEG07KETF-B |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEG09KETF   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEG09KETF-B |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| Wall mounted                | ASEG12KETF   | 250 V, 3.15 A | Activate: 110 ±15 °C<br>Fan motor speed down<br>Reset: 110 ±15 °C<br>Fan motor speed recover                                         | 102 °C Off            | —            |               |                                                                                            |            |   |
|                             | ASEG12KETF-B |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEG14KETF   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEG14KETF-B |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEH07KGTG   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEH09KGTG   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| Wall mounted                | ASEH12KGTG   | 250 V, 3.15 A | Activate: 125 ±10 °C<br>Fan motor stop<br>Reset: 100 ±10 °C<br>Fan motor restart                                                     | 102 °C Off            | —            |               |                                                                                            |            |   |
|                             | ASEH14KGTG   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | ASEH05KNCA   |               |                                                                                                                                      |                       |              | 250 V, 3.15 A | Activate: More than 170 °C<br>Fan motor stop<br>Reset: 145 °C or less<br>Fan motor recover | 102 °C Off | — |
|                             | ASEH07KNCA   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| ASEH09KNCA                  |              |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| ASEH12KNCA                  |              |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
| Floor                       | AGEG09KVCA   | 250V, 5.0 A   | Activate: 150 ±15 °C<br>Fan motor stop<br>Reset: 120 ±15 °C<br>Fan motor restart                                                     | 110 °C Off            | —            |               |                                                                                            |            |   |
|                             | AGEG12KVCA   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |
|                             | AGEG14KVCA   |               |                                                                                                                                      |                       |              |               |                                                                                            |            |   |

\*: Printed Circuit Board

## 12. External input and output

### 12-1. Compact cassette type and Medium static pressure duct type

#### • Compact cassette type

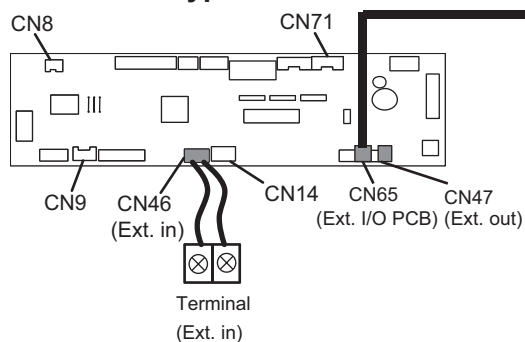


Fig. Indoor unit PCB

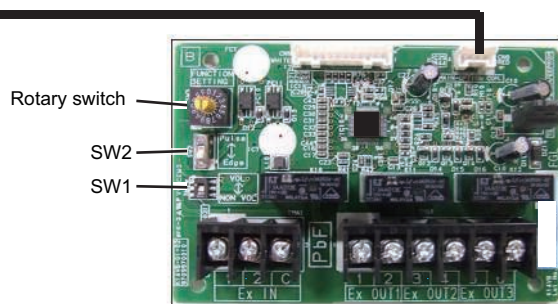


Fig. External Input and Output PCB

#### • Medium static pressure duct type

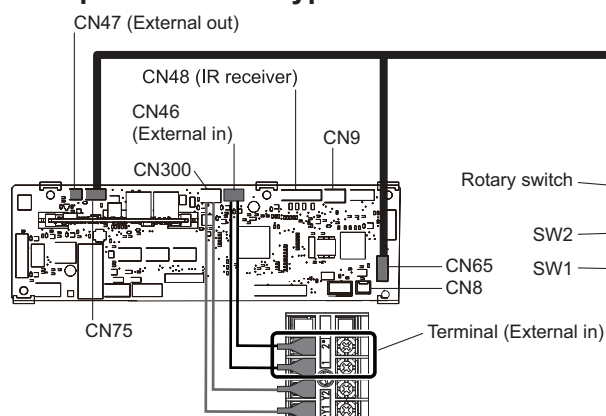


Fig. Indoor unit PCB

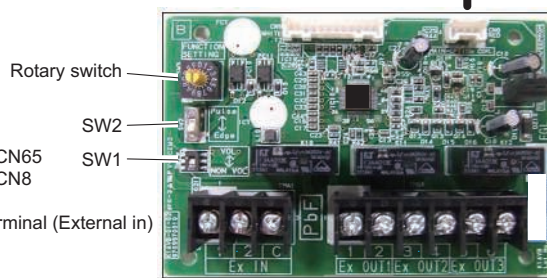


Fig. External Input and Output PCB

| Connecting point                         |                                  | Input/Output | Function                         | Input select              | Input signal |
|------------------------------------------|----------------------------------|--------------|----------------------------------|---------------------------|--------------|
| Indoor unit                              | Terminal                         | Input        | Operation/Stop<br>Forced stop    | Dry contact               | Edge         |
|                                          | CN47                             | Output       | Operation/Stop                   | —                         | —            |
|                                          |                                  |              | Error status                     |                           |              |
|                                          |                                  |              | Indoor unit fan operation status |                           |              |
|                                          |                                  |              | External heater output           |                           |              |
| External Input and Output PCB (UTY-XCSX) | Ex IN 1/2                        | Input        | Operation/Stop                   | Dry contact/Apply voltage | Edge/Pulse   |
|                                          | Ex IN 1                          |              | Forced thermostat off            |                           | Edge         |
|                                          | Ex OUT 1<br>Ex OUT 2<br>Ex OUT 3 | Output       | Operation/Stop                   | —                         | —            |
|                                          |                                  |              | Error status                     |                           |              |
|                                          |                                  |              | Indoor unit fan operation status |                           |              |
|                                          |                                  |              | External heater output           |                           |              |

**NOTE:** For details of the switching function, refer to ["Setting of external input and output"](#) on page 126.

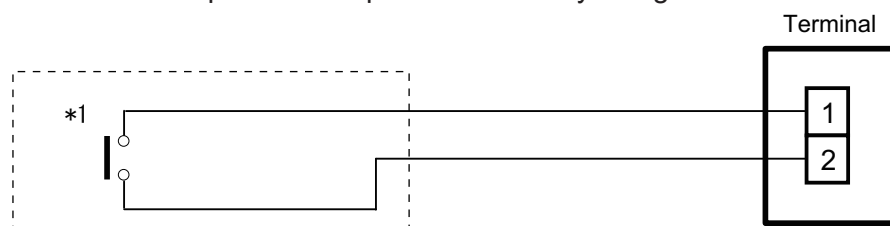
## ■ External input

With using external input function, some functions on this product can be controlled from an external device.

- “Operation/Stop” mode or “Forced stop” mode can be selected with function setting of indoor unit.
- A twisted pair cable should be used. Maximum length of cable is 150 m.
- Use an external input and output cable with appropriate external dimension, depending on the number of cables to be installed.
- The wire connection should be separate from the power cable line.

## ● Indoor unit

Indoor unit functions such as Operation/Stop can be done by using indoor unit terminal.



\*1: The switch can be used on the following condition: DC 12 V to 24 V, 1 mA to 15 mA.

## ● External Input and Output PCB

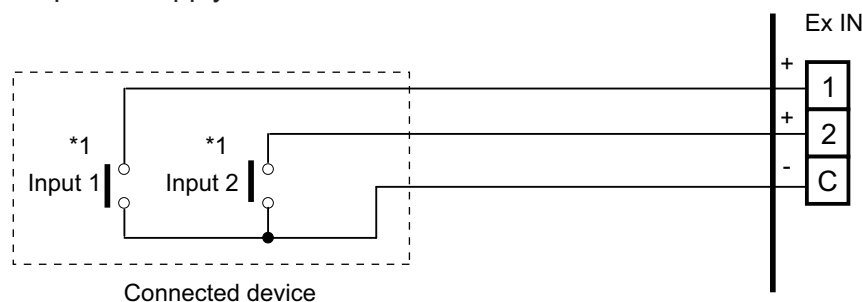
The indoor unit Operation/Stop can be set by using the input terminal on the PCB.

### • Input select

Use either one of these types of terminal according to the application. (Both types of terminal cannot be used simultaneously.)

#### – Dry contact

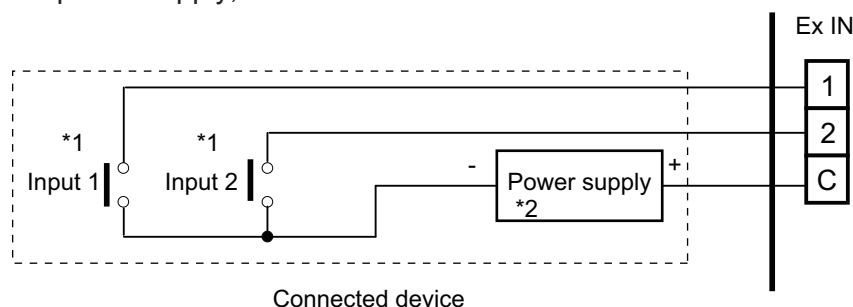
In case of internal power supply, set the slide switch of SW1 to “NON VOL” side.



\*1: The switches can be used on the following condition: DC 12 V to 24 V, 1 mA to 15 mA.

#### – Apply voltage

In case of external power supply, set the slide switch of SW1 to “VOL” side.



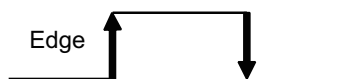
\*1: The switches can be used on the following condition: DC 12 V to 24 V, 1 mA to 15 mA.

\*2: Make the power supply DC 12 V to 24 V, 10 mA or more.

## ● Input signal type

- **Indoor unit**

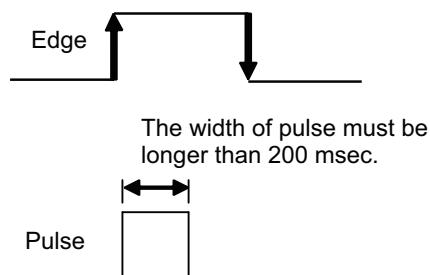
Input signal type is only "Edge".



- **External Input and Output PCB**

The input signal type can be selected.

Signal type (edge or pulse) can be switched by the DIP switch 2 (SW2) on the External Input and Output PCB.



**NOTE:** The input signal supports the following switch type:

- Edge: Alternate type switch
- Pulse: Momentary type switch

## External output

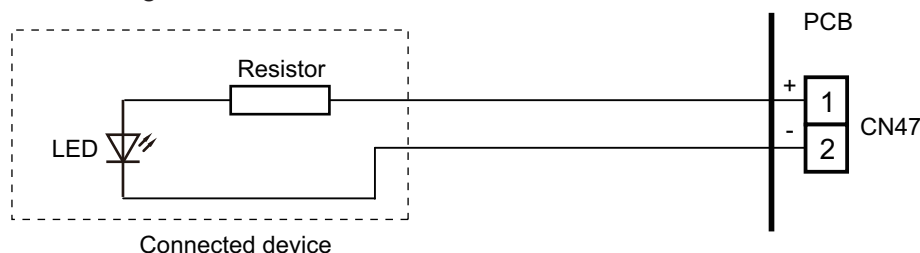
Use an external output cable with appropriate external dimension, depending on the number of cables to be installed.

### Indoor unit

- A twisted pair cable (22 AWG) should be used. Maximum length of cable is 25 m.
- Output voltage: High DC 12 V  $\pm$  2 V, Low 0 V.
- Permissible current: 50 mA
- For details, refer to ["Setting of external input and output"](#) on page 126.

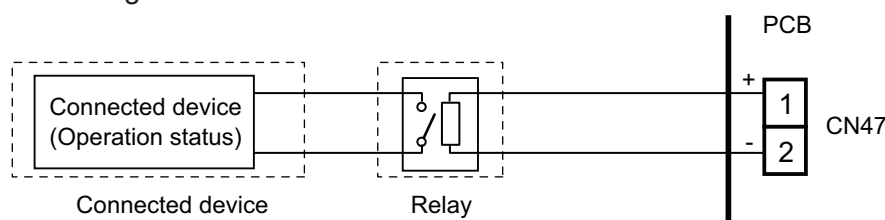
#### When indicator, etc. are connected directly

**Example:** Function setting number 60 is set to "00"



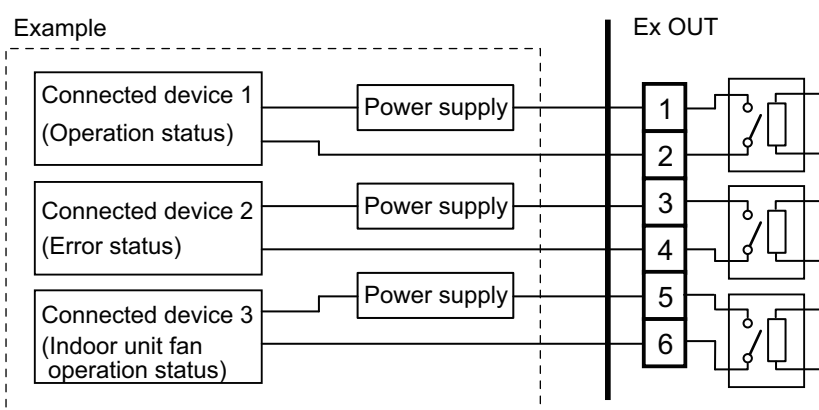
#### When connecting with a device equipped with a power supply

**Example:** Function setting number 60 is set to "00"



### External Input and Output PCB

- A twisted pair cable (22 AWG) should be used.
- Permissible voltage and current: DC 5 V to 30 V/3 A, AC 30 V to 250 V/3 A
- For details, refer to ["Setting of external input and output"](#) on page 126.



## ■ Setting of external input and output

### • Indoor unit

| Input            |                            |                       |
|------------------|----------------------------|-----------------------|
| Connecting point | Function setting number 46 | Function              |
| Terminal         | 00                         | Operation/Stop mode 1 |
|                  | 01                         | (Setting prohibited)  |
|                  | 02                         | Forced stop mode      |
|                  | 03                         | Operation/Stop mode 2 |

| Output           |                            |                                  |
|------------------|----------------------------|----------------------------------|
| Connecting point | Function setting number 60 | Function                         |
| CN47             | 00                         | Operation/Stop                   |
|                  | 01 to 08                   | (Setting prohibited)             |
|                  | 09                         | Error status                     |
|                  | 10                         | Indoor unit fan operation status |
|                  | 11                         | External heater output           |

### • External Input and Output PCB

| Switch setting |       | Input                 |               | Output         |                                  |                                  |
|----------------|-------|-----------------------|---------------|----------------|----------------------------------|----------------------------------|
| Rotary switch  | SW2   | Ex IN 1               | Ex IN 2       | Ex OUT 1       | Ex OUT 2                         | Ex OUT 3                         |
| 1              | Edge  | Operation/Stop        | Not available | Operation/Stop | Error status                     | Indoor unit fan operation status |
|                | Pulse | Operation             | Stop          |                |                                  |                                  |
| 2              | Edge* | Forced thermostat off | Not available | Error status   | Indoor unit fan operation status | External heater output           |
| 3 to 9, A      |       | (Setting prohibited)  |               |                |                                  |                                  |
| B              |       | Forced thermostat off | Not available | Operation/Stop | Indoor unit fan operation status | External heater output           |
| C              |       | Forced thermostat off | Not available | Operation/Stop | Error status                     | External heater output           |
| D              |       | Forced thermostat off | Not available | Operation/Stop | Indoor unit fan operation status | Error status                     |

#### NOTES:

- When the rotary switch is selected to "1", the operation of the terminal input of the indoor unit and the External Input and Output PCB input are the same. The operation content depends on the setting of function setting number 46.
- \*: The external input other than "Operation/Stop" is available only when the SW2 is set to "Edge".

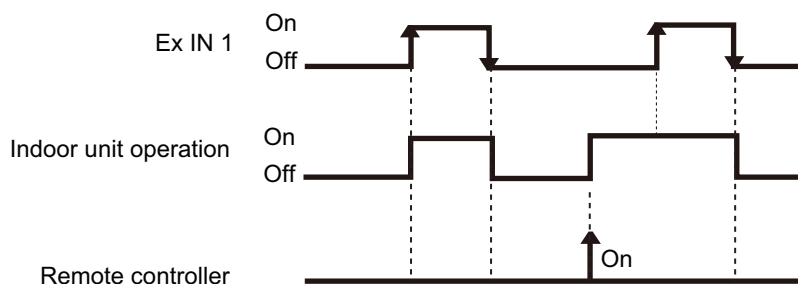


## ■ Details of control input function

### ● Operation/Stop mode 1

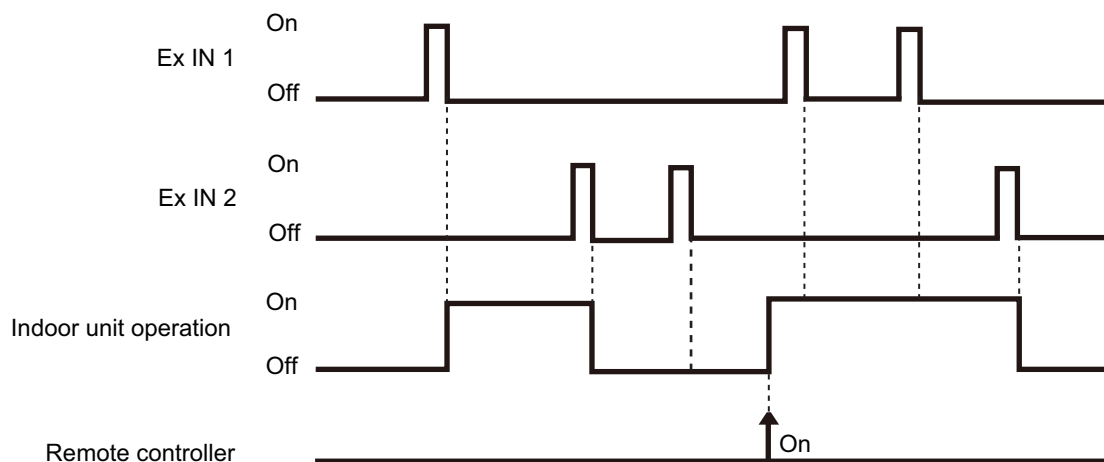
- In the case of "Edge" input

| Function setting | External Input and Output PCB |      | External input                |          | Input signal | Command   |
|------------------|-------------------------------|------|-------------------------------|----------|--------------|-----------|
|                  | Rotary switch                 | SW2  |                               |          |              |           |
| 46-00            | —                             |      | Input of indoor unit          | Terminal | Off → On     | Operation |
|                  | —                             |      | Input of indoor unit          | Terminal | On → Off     | Stop      |
|                  | 1                             | Edge | External Input and Output PCB | Ex IN 1  | Off → On     | Operation |
|                  | 1                             | Edge | External Input and Output PCB | Ex IN 1  | On → Off     | Stop      |



- In the case of "Pulse" input

| Function setting | External Input and Output PCB |       | External input                |         | Input signal | Command   |
|------------------|-------------------------------|-------|-------------------------------|---------|--------------|-----------|
|                  | Rotary switch                 | SW2   |                               |         |              |           |
| 46-00            | 1                             | Pulse | External Input and Output PCB | Ex IN 1 | Pulse        | Operation |
|                  | 1                             | Pulse | External Input and Output PCB | Ex IN 2 |              | Stop      |



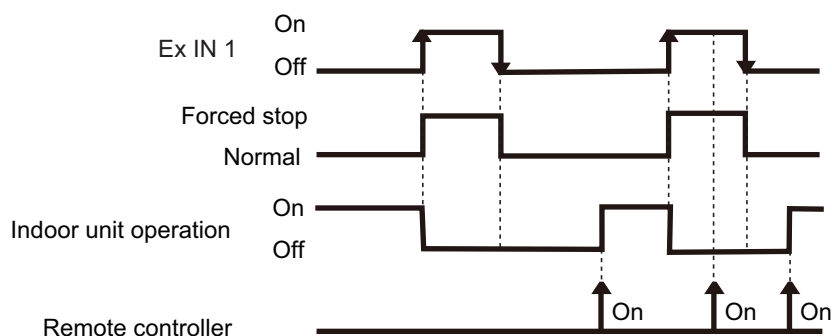
#### NOTES:

- The last command has priority.
- The indoor units within the same remote controller group operates in the same mode.

## ● Forced stop

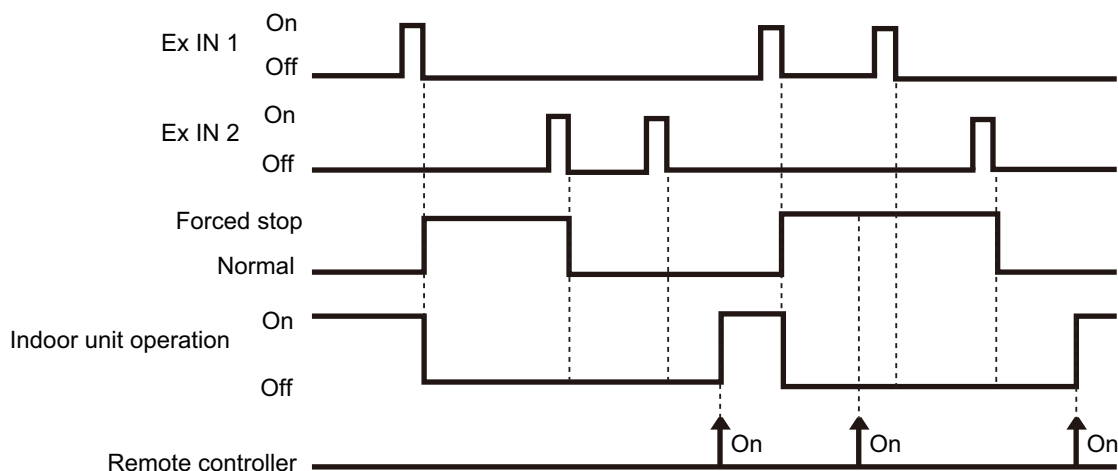
- In the case of "Edge" input

| Function setting | External Input and Output PCB |      | External input                |          | Input signal | Command                     |
|------------------|-------------------------------|------|-------------------------------|----------|--------------|-----------------------------|
|                  | Rotary switch                 | SW2  |                               |          |              |                             |
| 46-02            | —                             |      | Input of indoor unit          | Terminal | Off → On     | Forced stop (R.C. disabled) |
|                  |                               |      |                               |          | On → Off     | Normal (R.C. enabled)       |
|                  | 1                             | Edge | External Input and Output PCB | Ex IN 1  | Off → On     | Forced stop (R.C. disabled) |
|                  |                               |      |                               |          | On → Off     | Normal (R.C. enabled)       |



- In the case of "Pulse" input

| Function setting | External Input and Output PCB |       | External input                |         | Input signal | Command                     |
|------------------|-------------------------------|-------|-------------------------------|---------|--------------|-----------------------------|
|                  | Rotary switch                 | SW2   |                               |         |              |                             |
| 46-02            | 1                             | Pulse | External Input and Output PCB | Ex IN 1 | Pulse        | Forced stop (R.C. disabled) |
|                  |                               |       |                               | Ex IN 2 |              | Normal (R.C. enabled)       |
|                  |                               |       |                               |         |              |                             |



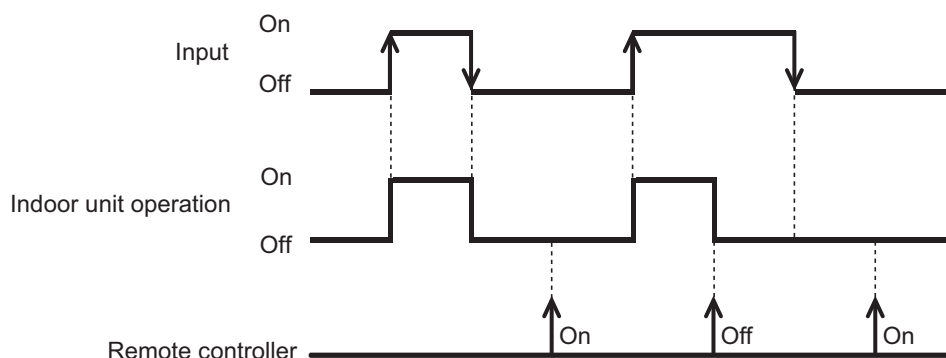
### NOTES:

- When the forced stop is triggered, indoor unit stops and Operation/Stop operation by the remote controller is restricted.
- When forced stop function is used with forming a remote controller group, connect the same equipment to each indoor unit within the group.

## ● Operation/Stop mode 2

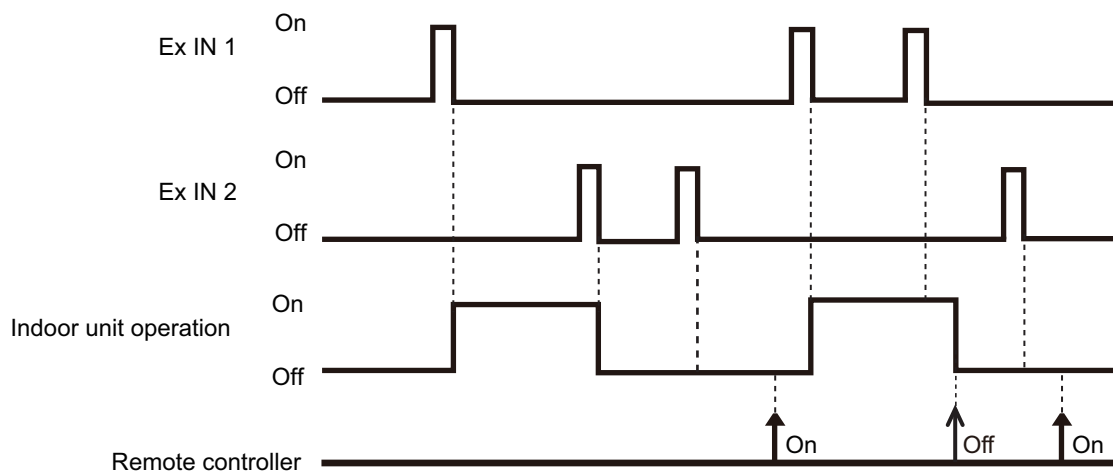
- In the case of "Edge" input

| Function setting | External Input and Output PCB |      | External input                |          | Input signal | Command                  |
|------------------|-------------------------------|------|-------------------------------|----------|--------------|--------------------------|
|                  | Rotary switch                 | SW2  |                               |          |              |                          |
| 46-03            | —                             |      | Input of indoor unit          | Terminal | Off → On     | Operation (R.C. enabled) |
|                  |                               |      |                               |          | On → Off     | Stop (R.C. disabled)     |
|                  | 1                             | Edge | External Input and Output PCB | Ex IN 1  | Off → On     | Operation (R.C. enabled) |
|                  |                               |      |                               |          | On → Off     | Stop (R.C. disabled)     |



- In the case of "Pulse" input

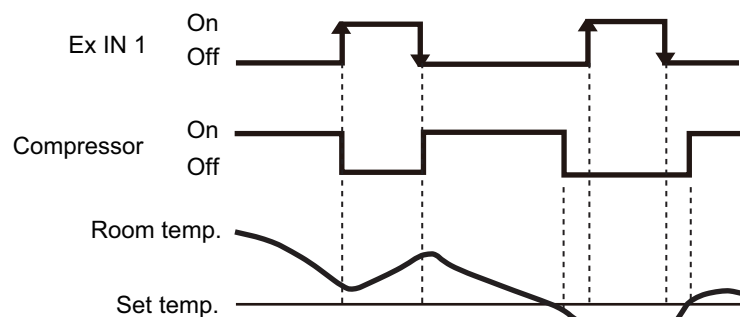
| Function setting | External Input and Output PCB |       | External input                |         | Input signal | Command                  |
|------------------|-------------------------------|-------|-------------------------------|---------|--------------|--------------------------|
|                  | Rotary switch                 | SW2   |                               |         |              |                          |
| 46-03            | 1                             | Pulse | External Input and Output PCB | Ex IN 1 | Pulse        | Operation (R.C. enabled) |
|                  |                               |       |                               | Ex IN 2 |              | Stop (R.C. disabled)     |
|                  |                               |       |                               |         |              |                          |



**NOTE:** When "Operation/Stop" mode 2 function is used with forming a remote controller group, connect the same equipment to each indoor unit within the group.

## ● Forced thermostat off

| External Input and Output<br>PCB | External input                   |         | Input signal | Command          |
|----------------------------------|----------------------------------|---------|--------------|------------------|
| Rotary switch                    |                                  |         |              |                  |
| 2, B, C, D                       | External Input and<br>Output PCB | Ex IN 1 | Off → On     | Thermostat off   |
|                                  |                                  |         | On → Off     | Normal operation |



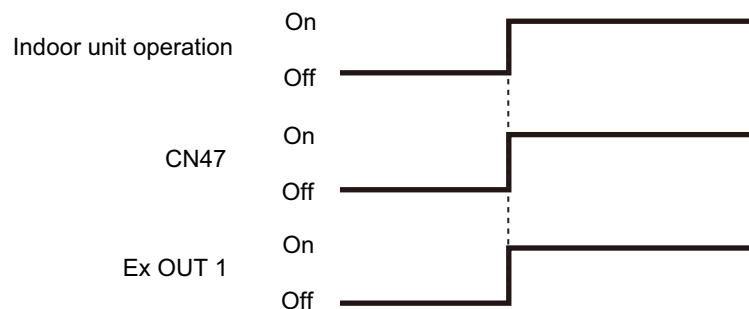
**NOTE:** When the signal is received from another unit on the refrigerant circuit, there may be a delay in thermostat off function at the unit.

## ■ Details of control output function

### ● Operation status

| Function setting | External Input and Output PCB | External output               |          | Output signal | Status    |
|------------------|-------------------------------|-------------------------------|----------|---------------|-----------|
|                  | Rotary switch                 |                               |          |               |           |
| 60-00            | —                             | Output of indoor unit         | CN47     | Off → On      | Operation |
|                  |                               |                               |          | On → Off      | Stop      |
| —                | 1, B, C, D                    | External Input and Output PCB | Ex OUT 1 | Off → On      | Operation |
|                  |                               |                               |          | On → Off      | Stop      |

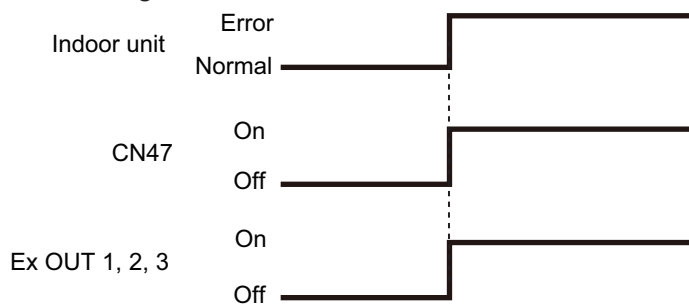
The output is low when the unit is stopped.



### ● Error status

| Function setting | External Input and Output PCB | External output               |          | Output signal | Status |
|------------------|-------------------------------|-------------------------------|----------|---------------|--------|
|                  | Rotary switch                 |                               |          |               |        |
| 60-09            | —                             | Output of indoor unit         | CN47     | Off → On      | Error  |
|                  |                               |                               |          | On → Off      | Normal |
| —                | 2                             | External Input and Output PCB | Ex OUT 1 | Off → On      | Error  |
|                  |                               |                               |          | On → Off      | Normal |
| —                | 1, C                          | External Input and Output PCB | Ex OUT 2 | Off → On      | Error  |
|                  |                               |                               |          | On → Off      | Normal |
| —                | D                             | External Input and Output PCB | Ex OUT 3 | Off → On      | Error  |
|                  |                               |                               |          | On → Off      | Normal |

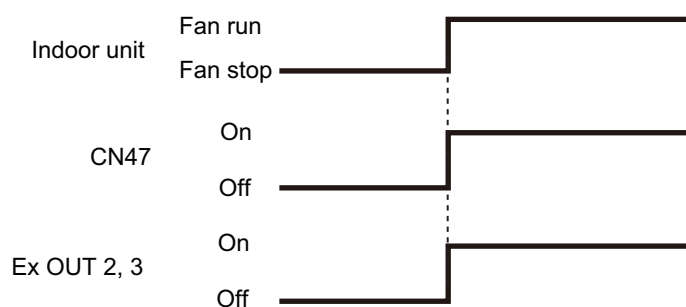
The output is on when an error is generated for the indoor unit.



## ● Indoor unit fan operation status

| Function setting | External Input and Output PCB | External output               |          | Output signal | Status   |
|------------------|-------------------------------|-------------------------------|----------|---------------|----------|
|                  | Rotary switch                 |                               |          |               |          |
| 60-10            | —                             | Output of indoor unit         | CN47     | Off → On      | Fan run  |
|                  |                               |                               |          | On → Off      | Fan stop |
| —                | 2, B, D                       | External Input and Output PCB | Ex OUT 2 | Off → On      | Fan run  |
|                  |                               |                               |          | On → Off      | Fan stop |
| —                | 1                             | External Input and Output PCB | Ex OUT 3 | Off → On      | Fan run  |
|                  |                               |                               |          | On → Off      | Fan stop |

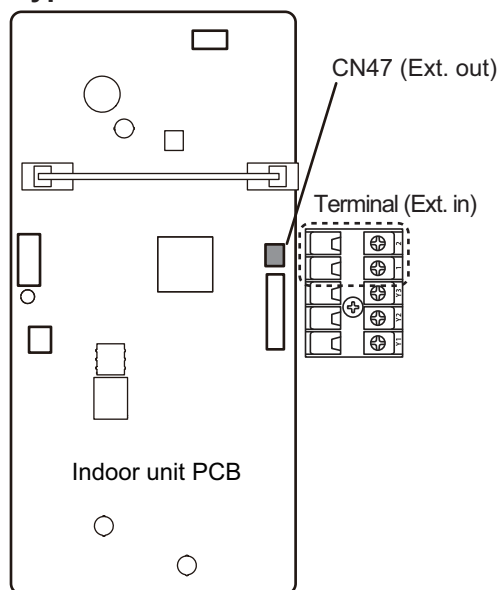
| Output signal | Condition                                                                                              |
|---------------|--------------------------------------------------------------------------------------------------------|
| On            | The indoor unit fan is operating.                                                                      |
| Off           | The fan is stopped or during cold air prevention.<br>During thermostat off when in dry mode operation. |



## 12-2. Mini duct type and Slim duct type

Exterior of the indoor unit PCB and the component location differ by the type of the indoor unit as follows.

- **Mini duct type and Slim duct types:**



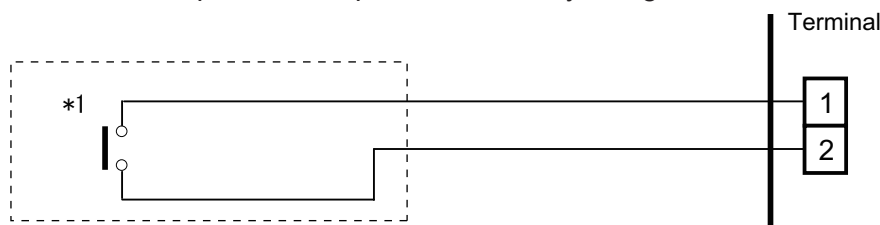
| External input and output |                                  | Connector | Input select | Input signal | External connect kit (Optional parts) |
|---------------------------|----------------------------------|-----------|--------------|--------------|---------------------------------------|
| External input            | Operation/Stop<br>Forced stop    | Terminal  | Dry contact  | Edge         | —                                     |
| External output           | Operation status                 | CN47      | —            | —            | UTY-XWZXZG                            |
|                           | Error status                     |           |              |              |                                       |
|                           | Indoor unit fan operation status |           |              |              |                                       |
|                           | External heater output           |           |              |              |                                       |

## ■ External input

With using external input function, some functions on this product can be controlled from an external device.

- "Operation/Stop" mode or "Forced stop" mode can be selected with function setting of indoor unit.
- A twisted pair cable (22AWG) should be used. Maximum length of cable is 150 m.
- The wire connection should be separate from the power cable line.

Indoor unit functions such as Operation/Stop can be done by using indoor unit terminals.



\*1: The switch can be used on the following condition: DC 12 V to 24 V, 1 mA to 15 mA.

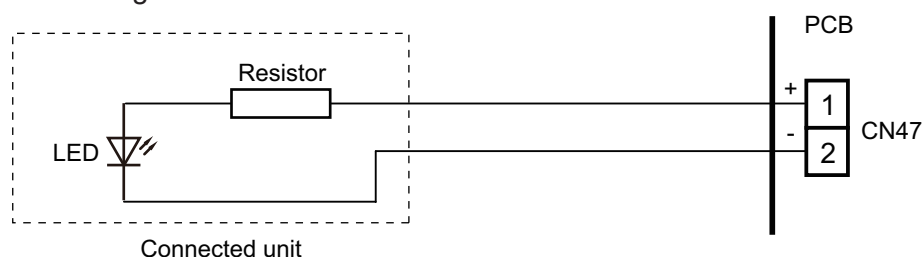
## ■ External output

Use an external output cable with appropriate external dimension, depending on the number of cables to be installed.

- A twisted pair cable (22AWG) should be used. Maximum length of cable is 25 m.
- Output voltage: High DC 12 V  $\pm$  2 V, Low 0 V.
- Permissible current: 50 mA
- For details, refer to ["Combination of external input and output"](#) on page 135.

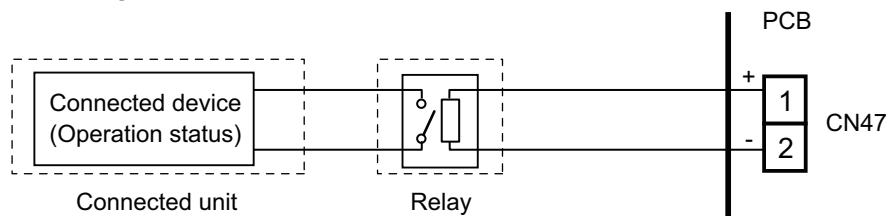
### ● When indicator, etc. are connected directly

**Example:** Function setting 60 is set to "00"



### ● When connecting with a device equipped with a power supply

**Example:** Function setting 60 is set to "00"





## ■ Combination of external input and output

By combining the function setting of the indoor unit, you can select various combinations of functions.

Combination examples of external input and output are as follows:

| Mode | Function setting | External input       | External output                  |
|------|------------------|----------------------|----------------------------------|
|      |                  | Terminal             | CN47                             |
| 0    | 60—00            | Operation/Stop       |                                  |
| 1—8  | 60—01 to 60—08   | (Setting prohibited) |                                  |
| 9    | 60—09            | Operation/Stop       | Error status                     |
| 10   | 60—10            | Operation/Stop       | Indoor unit fan operation status |
| 11   | 60—11            | Operation/Stop       | External heater output           |

**NOTE:** Input of Operation/Stop depends on the setting of function setting 46.

- 00: Operation/Stop mode 1 (Remote controller enabled)
- 01: (Setting prohibited)
- 02: Forced stop
- 03: Operation/Stop mode 2 (Remote controller disabled)

### ● Input signal type

- Indoor unit  
Input signal type is only "Edge".

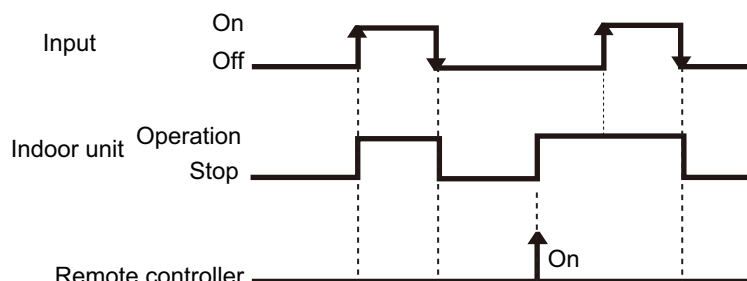


## ■ Details of function

### ● Control input function

- When function setting is "Operation/Stop" mode 1

| Function setting | External input | Input signal | Command   |
|------------------|----------------|--------------|-----------|
| 46—00            | Terminal       | Off → On     | Operation |
|                  |                | On → Off     | Stop      |

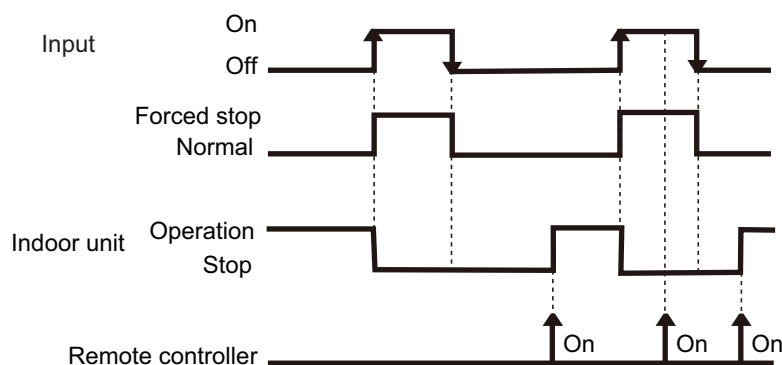


#### NOTES:

- The last command has priority.
- The indoor units within the same remote controller group operates in the same mode.

- When function setting is "Forced stop" mode

| Function setting | External input | Input signal | Command     |
|------------------|----------------|--------------|-------------|
| 46—02            | Terminal       | Off → On     | Forced stop |
|                  |                | On → Off     | Normal      |

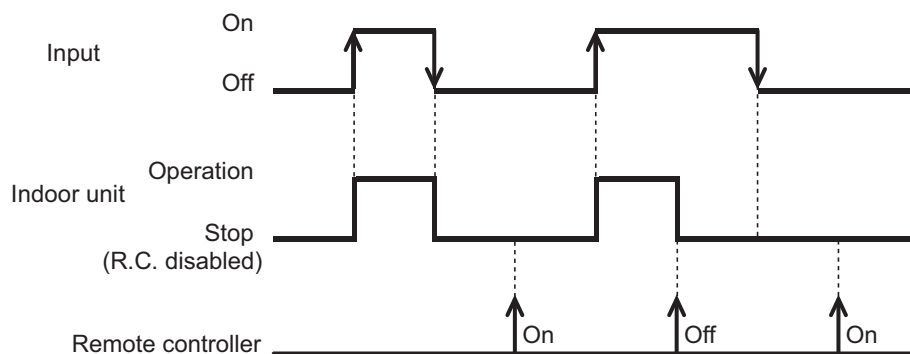


#### NOTES:

- When the forced stop is triggered, indoor unit stops and Operation/Stop operation by the remote controller is restricted.
- When forced stop function is used with forming a remote controller group, connect the same equipment to each indoor unit within the group.

• When function setting is "Operation/Stop" mode 2

| Function setting | External input | Input signal | Command                           |
|------------------|----------------|--------------|-----------------------------------|
| 46—03            | Terminal       | Off → On     | Operation                         |
|                  |                | On → Off     | Stop (Remote controller disabled) |

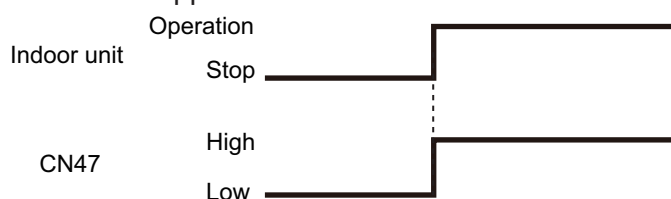


**NOTE:** When "Operation/Stop" mode 2 function is used with forming a remote controller group, connect the same equipment to each indoor unit within the group.

## ● Control output function

| Function setting | External output | Output signal | Command   |
|------------------|-----------------|---------------|-----------|
| 60—00            | CN47            | Low → High    | Operation |
|                  |                 | High → Low    | Stop      |

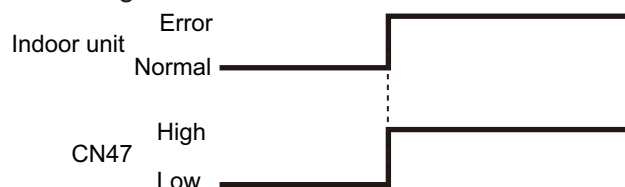
The output is low when the unit is stopped.



## ● Error status

| Function setting | External output | Output signal | Command |
|------------------|-----------------|---------------|---------|
| 60—09            | CN47            | Low → High    | Error   |
|                  |                 | High → Low    | Normal  |

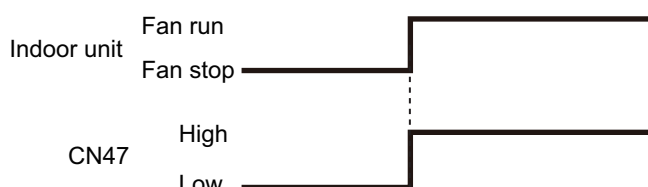
The output is ON when an error is generated for the indoor unit.



## ● Indoor unit fan operation status

| Function setting | External output | Output signal | Command  |
|------------------|-----------------|---------------|----------|
| 60—10            | CN47            | Low → High    | Fan run  |
|                  |                 | High → Low    | Fan stop |

| Output signal | Condition                                                                                              |
|---------------|--------------------------------------------------------------------------------------------------------|
| On            | The indoor unit fan is operating.                                                                      |
| Low → High    |                                                                                                        |
| Off           | The fan is stopped or during cold air prevention.<br>During thermostat off when in dry mode operation. |
| High → Low    |                                                                                                        |



## ● External heater output

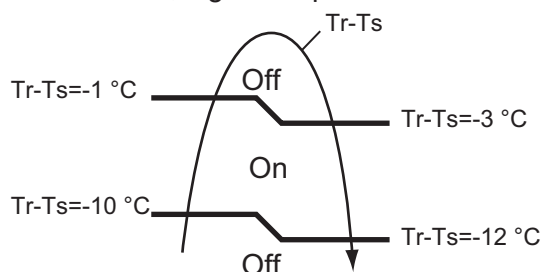
| Function setting | External output | Output signal | Command    |
|------------------|-----------------|---------------|------------|
| 60—11            | CN47            | Low → High    | Heater on  |
|                  |                 | High → Low    | Heater off |

| Output signal | Condition                                                   |
|---------------|-------------------------------------------------------------|
| Low → High    | Heater turns on as shown in diagram of heating temperature  |
| Off → On      |                                                             |
| High → Low    | Heater turns off as shown in diagram of heating temperature |
| On → Off      |                                                             |

Specifications of the signal output performance are as shown as follows:

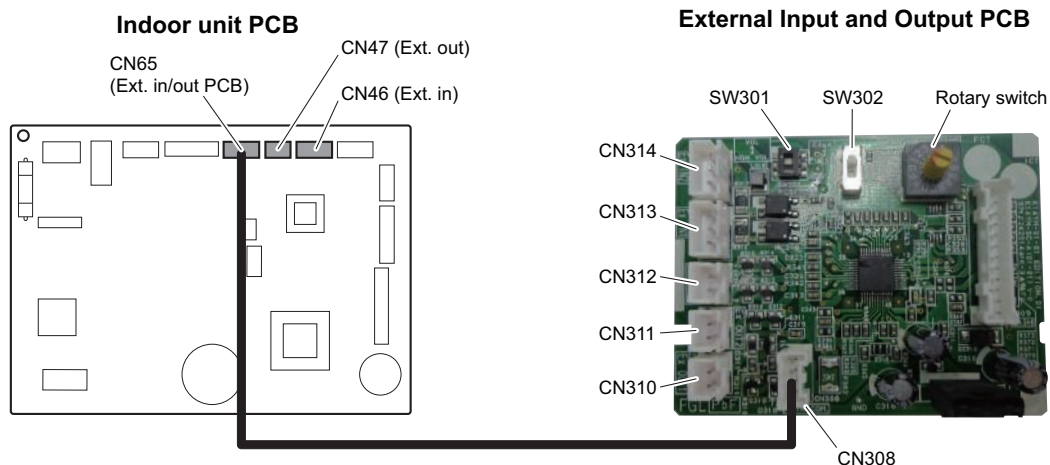
**Example** When set temperature ( $T_s$ ) is set at 22 °C;

- And room temperature ( $T_r$ ) increase above 12 °C, signal output is on.
- And  $T_r$  increase above 21 °C, signal output is off.
- And  $T_r$  decrease below 19 °C, signal output is on.
- And  $T_r$  decrease below 10 °C, signal output is off.



The output also turns off in defrost operation.

## 12-3. Wall mounted type (KMCG, KMCG-B, KETF, KETF-B, and KGTG)



| PCB                                        | External input        | External output  | Connector                 | Input select                  | Input signal |
|--------------------------------------------|-----------------------|------------------|---------------------------|-------------------------------|--------------|
| Indoor unit                                | Operation/Stop        | —                | CN46                      | Dry contact                   | Edge         |
|                                            | Forced stop           |                  |                           |                               |              |
|                                            | —                     | Operation status | CN47                      | —                             | —            |
|                                            |                       | Error status     |                           |                               |              |
| Indoor unit fan operation status           |                       |                  |                           |                               |              |
| External Input and Output PCB (UTY-XCSXZ2) | Operation/Stop        | —                | CN313/<br>CN314           | Dry contact/<br>Apply voltage | Edge/Pulse   |
|                                            | Forced stop           |                  | CN313                     |                               | Edge         |
|                                            | Forced thermostat off |                  |                           |                               |              |
|                                            | —                     | Operation status | CN310/<br>CN311/<br>CN312 | —                             | —            |
|                                            |                       | Error status     |                           |                               |              |
| Indoor unit fan operation status           |                       |                  |                           |                               |              |

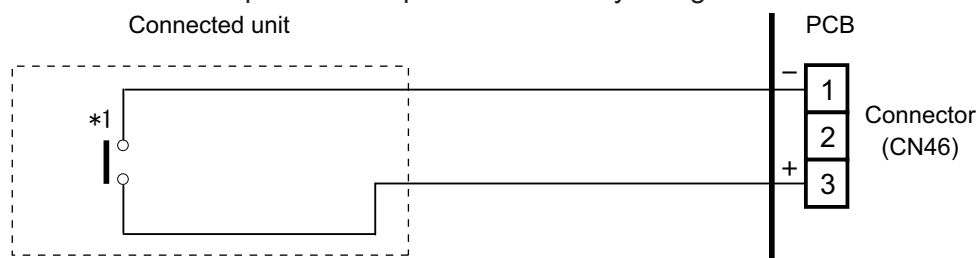
## ■ External input

With using external input function, some functions on this product can be controlled from an external device.

- “Operation/Stop” mode or “Forced stop” mode can be selected with function setting of indoor unit.
- A twisted pair cable should be used. Maximum length of cable is 150 m.
- The wire connection should be separate from the power cable line.

## ● Indoor unit

Indoor unit functions such as Operation/Stop can be done by using indoor unit connectors.



\*1: The switch can be used on the following condition: DC 12 V to 24 V, 1 mA to 15 mA.

## ● External Input and Output PCB

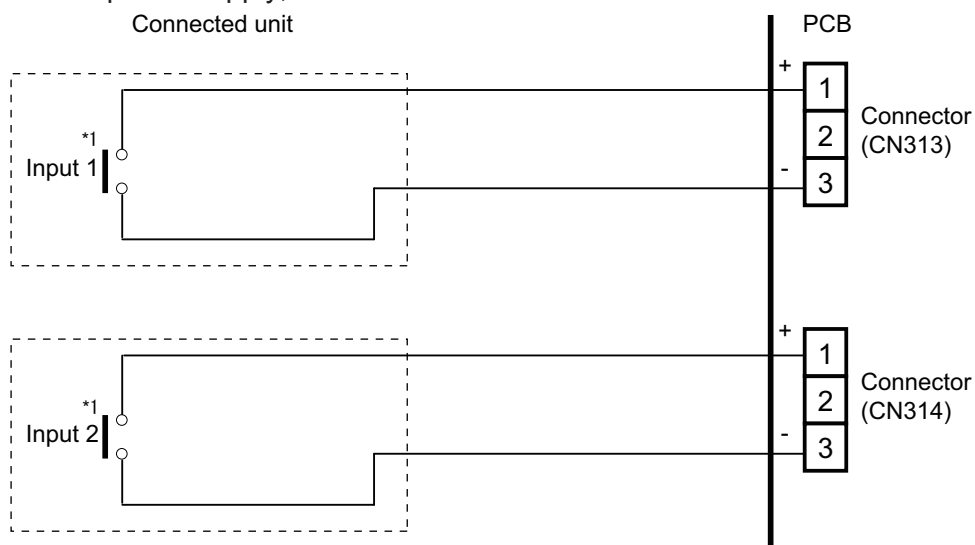
The indoor unit Operation/Stop can be set by using the input connector on the PCB.

### • Input select:

Use either one of these types of connectors according to the application. (Both types of connectors cannot be used simultaneously.)

#### – Dry contact

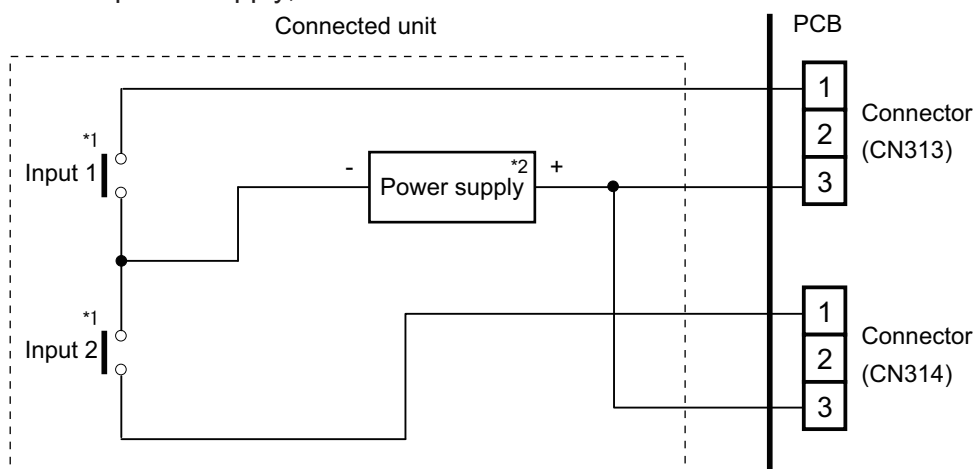
In case of internal power supply, set the slide switch of SW301 to "NON VOL" side.



\*1: The switches can be used on the following condition: DC 12 V to 24 V, 1 mA to 15 mA.

#### – Apply voltage

In case of external power supply, set the slide switch of SW301 to "VOL" side.



\*1: The switches can be used on the following condition: DC 12 V to 24 V, 1 mA to 15 mA.

\*2: Make the power supply DC 12 to 24 V, 10 mA or more.



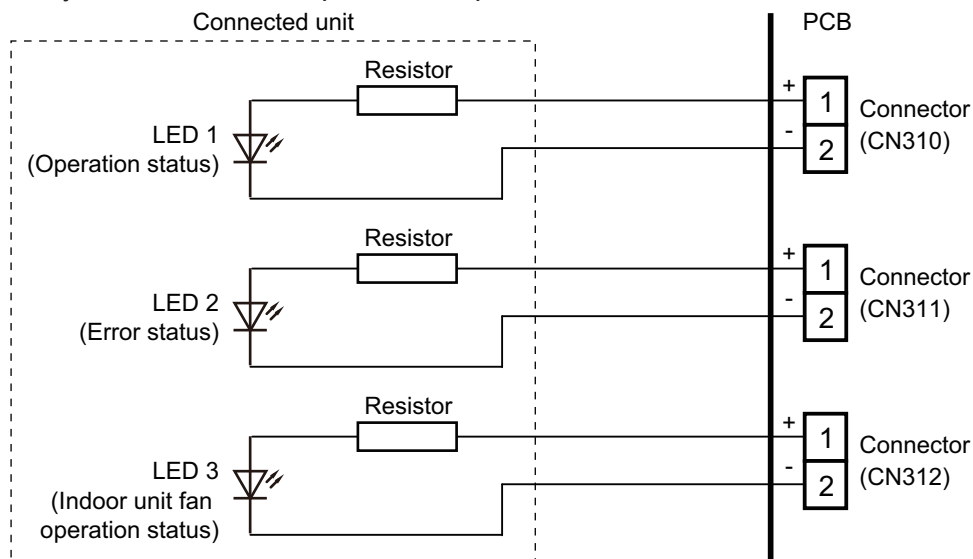


## ● External Input and Output PCB

- A twisted pair cable should be used. Maximum length of cable is 25 m.
- Output voltage: High DC 12 V $\pm$ 2 V, Low 0 V.
- Permissible current: 50 mA
- For details, refer to ["Combination of external input and output"](#) on page 144

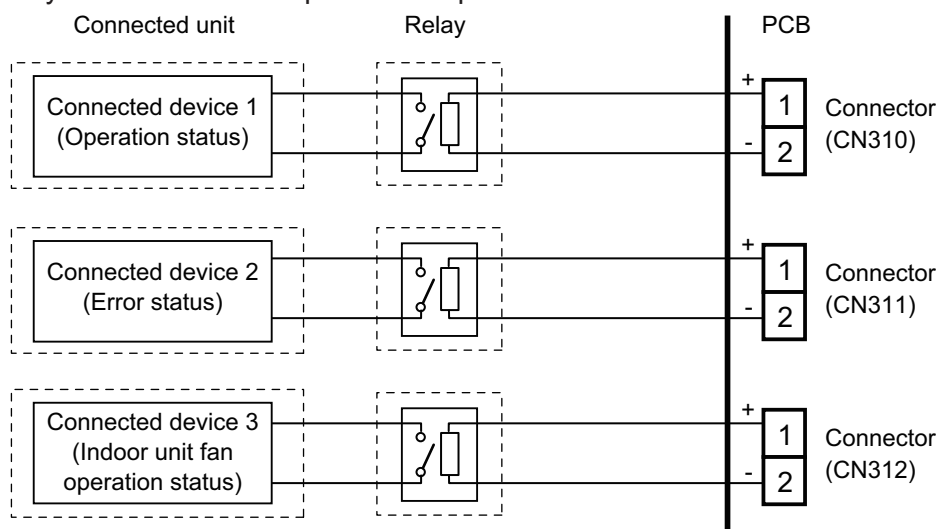
- **When indicator or other components are connected directly:**

**Example:** Rotary SW on External Input and Output PCB is set to "1".



- **When connecting with a device equipped with a power supply:**

**Example:** Rotary SW on External Input and Output PCB is set to "1".



## ■ Combination of external input and output

By combining the function setting of the indoor unit and rotary switch setting of the External Input and Output PCB, you can select various combinations of functions.

Combination examples of external input and output are as follows:

| Mode | Function setting | Rotary SW | External input                                                                                                                                              |                               |               |
|------|------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------|
|      |                  |           | Indoor unit                                                                                                                                                 | External Input and Output PCB |               |
|      |                  |           |                                                                                                                                                             | CN46                          | CN313         |
| 0-1  | 60—00            | 1         | Operation/Stop mode1<br>(Function setting 46-00)<br>or<br>Forced stop<br>(Function setting 46-02)<br>or<br>Operation/Stop mode2<br>(Function setting 46-03) | Operation/Stop                | Not available |
|      |                  |           |                                                                                                                                                             | Operation                     | Stop          |
| 0-2  | 60-00            | 2         |                                                                                                                                                             | Forced thermostat<br>OFF      | Not available |
| 1—8  | 60-01—08         | 3—9, A    | (Setting prohibited)                                                                                                                                        |                               |               |
| 9    | 60-09            | B         | Operation/Stop mode1<br>(Function setting 46-00)<br>or<br>Forced stop<br>(Function setting 46-02)<br>or<br>Operation/Stop mode2<br>(Function setting 46-03) | Forced thermostat<br>OFF      | Not available |
| 10   | 60-10            | C         |                                                                                                                                                             |                               |               |
| 11   | 60-11            | D         | (Setting prohibited)                                                                                                                                        |                               |               |

| Mode | Function setting | Rotary SW | External output                  |                               |                                  |                                  |
|------|------------------|-----------|----------------------------------|-------------------------------|----------------------------------|----------------------------------|
|      |                  |           | Indoor unit                      | External Input and Output PCB |                                  |                                  |
|      |                  |           | CN47                             | CN310                         | CN311                            | CN312                            |
| 0-1  | 60-00            | 1         | Operation/Stop                   | Operation/Stop                | Error status                     | Indoor unit fan operation status |
| 0-2  | 60-00            | 2         | Operation/Stop                   | Error status                  | Indoor unit fan operation status | Not available                    |
| 1—8  | 60-01—08         | 3—9, A    | (Setting prohibited)             |                               |                                  |                                  |
| 9    | 60-09            | B         | Error status                     | Operation/Stop                | Indoor unit fan operation status | Not available                    |
| 10   | 60-10            | C         | Indoor unit fan operation status |                               | Error status                     |                                  |
| 11   | 60-11            | D         | (Setting prohibited)             |                               |                                  |                                  |

**NOTE:** Input of Operation/Stop depends on the setting of function setting 46.

00: Operation/Stop mode 1 (Remote controller enabled)

01: (Setting prohibited)

02: Forced stop

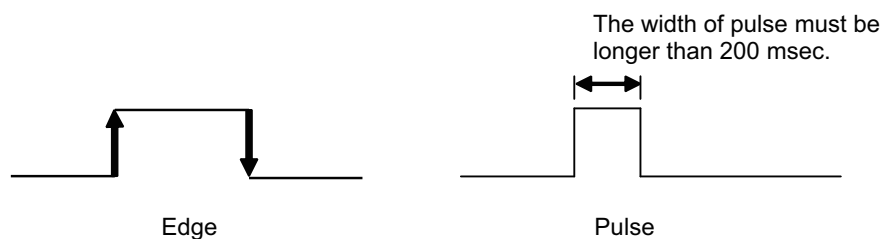
03: Operation/Stop mode 2 (Remote controller disabled)

## ● Input signal type

### External Input and Output PCB:

The input signal type can be selected.

Signal type (edge or pulse) can be switched by the DIP switch SW302 on the External Input and Output PCB.



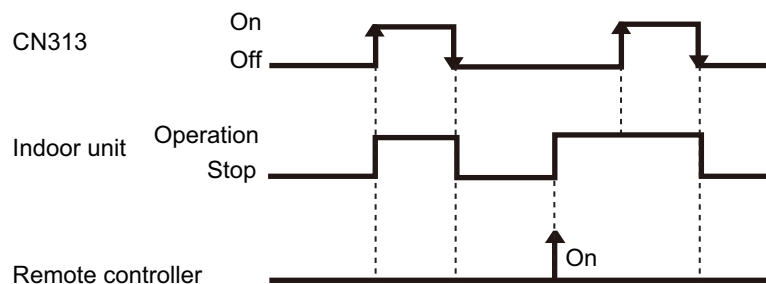
## ■ Details of function

### ● Control input function

- When function setting is “Operation/Stop” mode 1

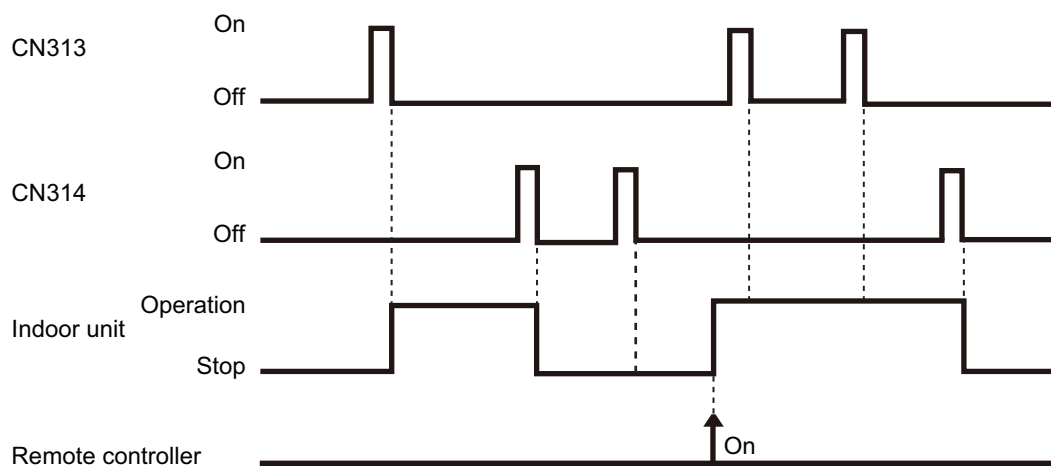
- In the case of “Edge” input:

| Function setting | Rotary SW on External Input and Output PCB | External input                |       | Input signal | Command   |
|------------------|--------------------------------------------|-------------------------------|-------|--------------|-----------|
| 46-00            | 1                                          | External Input and Output PCB | CN313 | Off → On     | Operation |
|                  |                                            |                               |       | On → Off     | Stop      |



- In the case of “Pulse” input:

| Function setting | Rotary SW on External Input and Output PCB | External input                |       | Input signal | Command   |
|------------------|--------------------------------------------|-------------------------------|-------|--------------|-----------|
| 46-00            | 1                                          | External Input and Output PCB | CN313 | Pulse        | Operation |
|                  |                                            |                               | CN314 | Pulse        | Stop      |



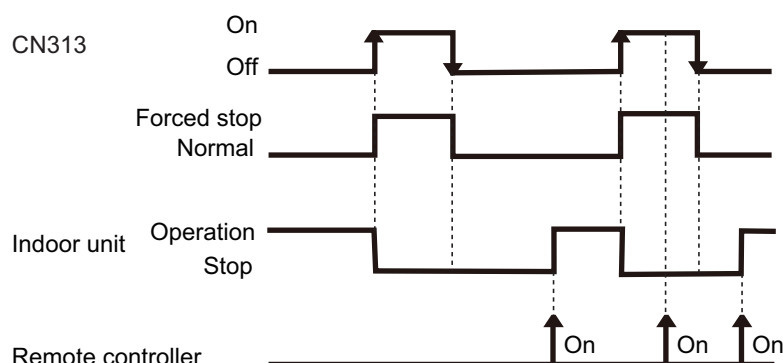
#### NOTES:

- The last command has priority.
- The indoor units within the same remote controller group operates in the same mode.

- When function setting is “Forced stop” mode

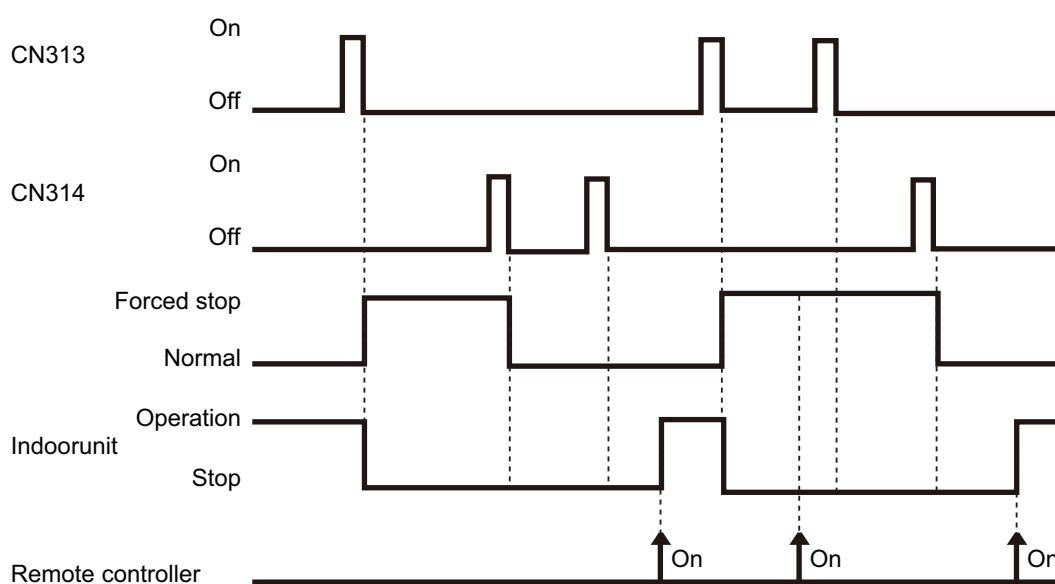
- In the case of “Edge” input:

| Function setting | Rotary SW on External Input and Output PCB | External input                |       | Input signal | Command     |
|------------------|--------------------------------------------|-------------------------------|-------|--------------|-------------|
| 46-02            | 1                                          | External Input and Output PCB | CN313 | Off → On     | Forced stop |
|                  |                                            |                               |       | On → Off     | Normal      |



- In the case of “Pulse” input:

| Function setting | Rotary SW on External Input and Output PCB | External input                |       | Input signal | Command     |
|------------------|--------------------------------------------|-------------------------------|-------|--------------|-------------|
| 46-02            | 1                                          | External Input and Output PCB | CN313 | Pulse        | Forced stop |
|                  |                                            |                               | CN314 | Pulse        | Normal      |



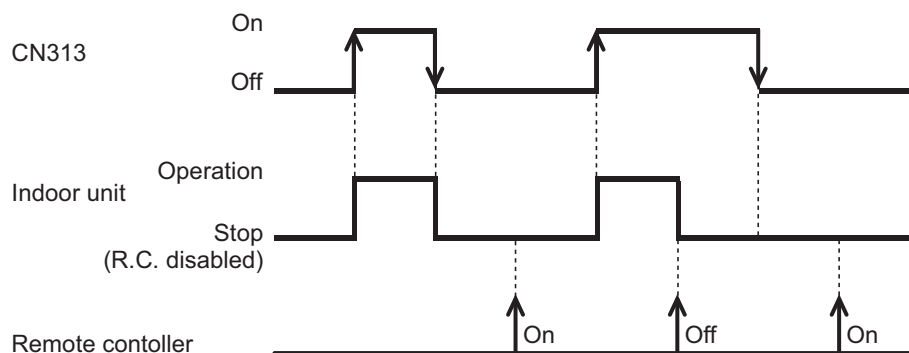
#### NOTES:

- When the forced stop is triggered, indoor unit stops and Operation/Stop operation by the remote controller is restricted.
- When forced stop function is used with forming a remote controller group, connect the same equipment to each indoor unit within the group.

- When function setting is “Operation/Stop” mode 2

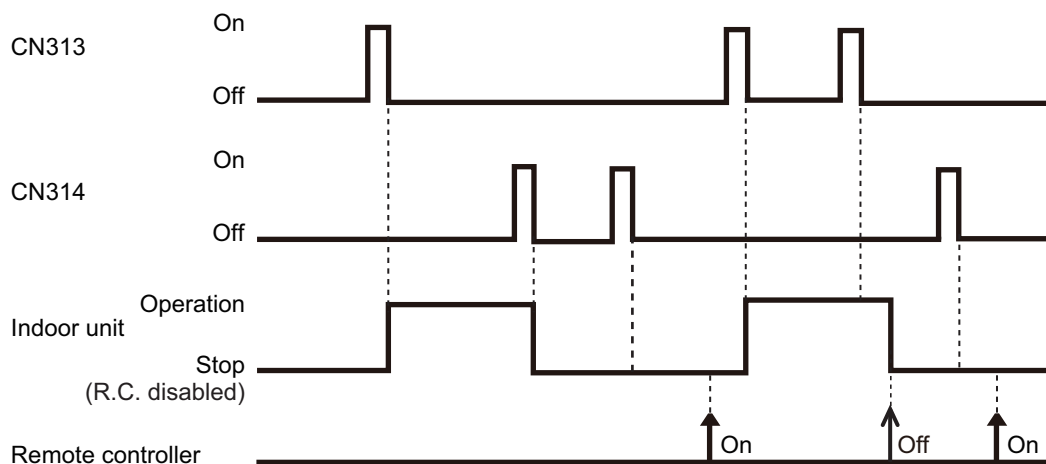
- In the case of “Edge” input:

| Function setting | Rotary SW on External Input and Output PCB | External input                |       | Input signal | Command                           |
|------------------|--------------------------------------------|-------------------------------|-------|--------------|-----------------------------------|
| 46-03            | 1                                          | External Input and Output PCB | CN313 | Off → On     | Operation                         |
|                  |                                            |                               |       | On → Off     | Stop (Remote controller disabled) |



- In the case of “Pulse” input:

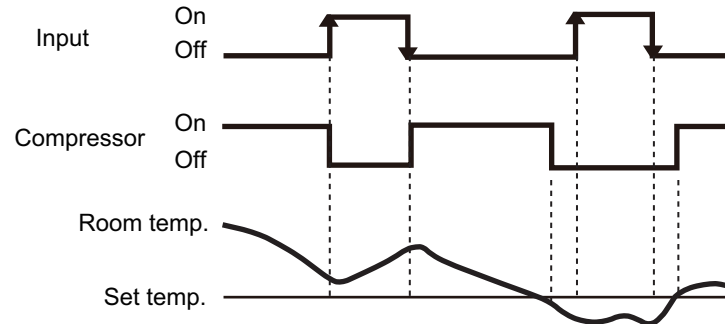
| Function setting | Rotary SW on External Input and Output PCB | External input                |       | Input signal | Command                           |
|------------------|--------------------------------------------|-------------------------------|-------|--------------|-----------------------------------|
| 46-03            | 1                                          | External Input and Output PCB | CN313 | Pulse        | Operation                         |
|                  |                                            |                               | CN314 | Pulse        | Stop (Remote controller disabled) |



**NOTE:** When “Operation/Stop” mode 2 function is used with forming a remote controller group, connect the same equipment to each indoor unit within the group.

- Forced thermostat off function

| Function setting / Rotary SW on External Input and Output PCB | External input                |       | Input signal | Command          |
|---------------------------------------------------------------|-------------------------------|-------|--------------|------------------|
| 60-00 / 2                                                     | External Input and Output PCB | CN313 | Off → On     | Thermostat off   |
| 60-09 / B<br>60-10 / C                                        |                               |       | On → Off     | Normal operation |



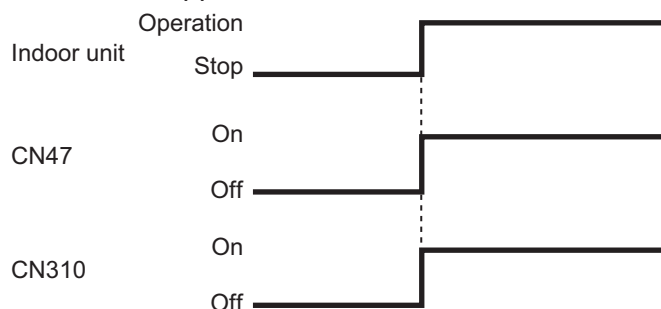
**NOTE:** When the signal is received from another unit on the refrigerant circuit, there may be a delay in thermostat off function at the unit.

## ● Control output function

### • Operation/Stop status

| Function setting / Rotary SW on External Input and Output PCB | External output               |       | Output signal | Command   |
|---------------------------------------------------------------|-------------------------------|-------|---------------|-----------|
| 60-00 / 1                                                     | Output of indoor unit         | CN47  | Off → On      | Operation |
| 60-00 / 2                                                     |                               |       | On → Off      | Stop      |
| 60-00 / 1                                                     | External Input and Output PCB | CN310 | Off → On      | Operation |
| 60-09 / B                                                     |                               |       | On → Off      | Stop      |
| 60-10 / C                                                     |                               |       |               |           |
| 60-11 / D                                                     |                               |       | On → Off      | Stop      |

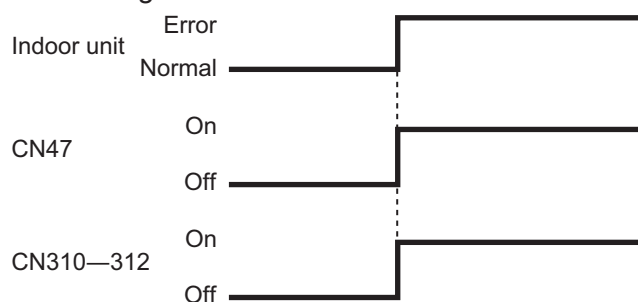
The output is low when the unit is stopped.



### • Error status

| Function setting / Rotary SW on External Input and Output PCB | External output               |       | Output signal | Command |
|---------------------------------------------------------------|-------------------------------|-------|---------------|---------|
| 60-09 / B                                                     | Output of indoor unit         | CN47  | Off → On      | Error   |
|                                                               |                               |       | On → Off      | Normal  |
| 60-00 / 2                                                     | External Input and Output PCB | CN310 | Off → On      | Error   |
|                                                               |                               |       | On → Off      | Normal  |
| 60-00 / 1                                                     |                               | CN311 | Off → On      | Error   |
| 60-10 / C                                                     |                               |       | On → Off      | Normal  |
| 60-11 / D                                                     |                               | CN312 | Off → On      | Error   |
|                                                               |                               |       | On → Off      | Normal  |

The output is ON when an error is generated for the indoor unit.

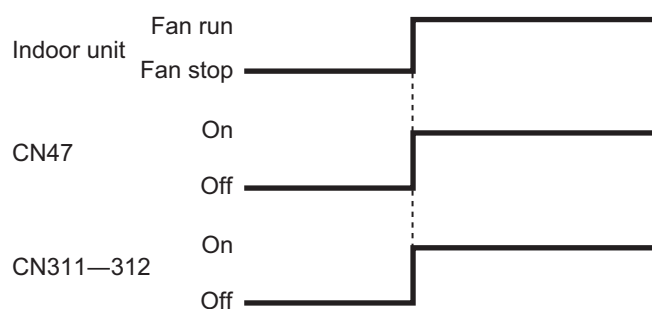




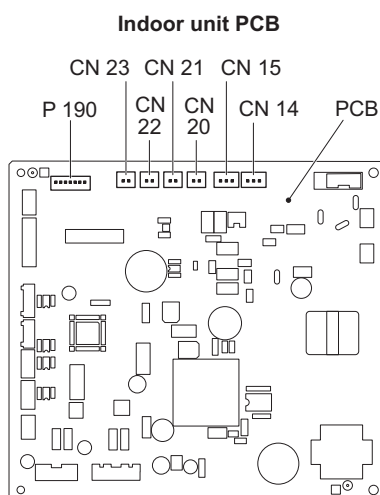
- Indoor unit fan operation status

| Function setting / Rotary SW on External Input and Output PCB | External output               |       | Output signal | Command  |
|---------------------------------------------------------------|-------------------------------|-------|---------------|----------|
| 60-10 / C                                                     | Output of indoor unit         | CN47  | Off → On      | Fan run  |
|                                                               |                               |       | On → Off      | Fan stop |
| 60-00 / 2<br>60-09 / B<br>60-11 / D                           | External Input and Output PCB | CN311 | Off → On      | Fan run  |
|                                                               |                               |       | On → Off      | Fan stop |
| 60-00 / 1                                                     |                               | CN312 | Off → On      | Fan run  |
|                                                               |                               |       | On → Off      | Fan stop |

| Output signal     | Condition                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------|
| On<br>Low → High  | The indoor unit fan is operating.                                                                      |
| Off<br>High → Low | The fan is stopped or during cold air prevention.<br>During thermostat off when in dry mode operation. |



## 12-4. Floor type



| PCB         | External input        | External output                     | Connector               | Input signal |
|-------------|-----------------------|-------------------------------------|-------------------------|--------------|
| Indoor unit | Operation/Stop        | —                                   | CN14                    | Edge         |
|             | Forced stop           |                                     | CN15                    |              |
|             | Forced thermostat off |                                     |                         |              |
|             | —                     | Operation status                    | CN20/CN21/<br>CN22/CN23 | —            |
|             |                       | Error status                        |                         |              |
|             |                       | Indoor unit fan<br>operation status |                         |              |
|             |                       | External heater output              |                         |              |

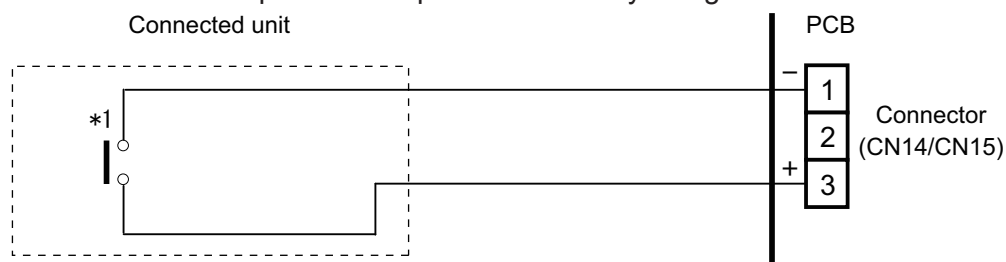
### External input

With using external input function, some functions on this product can be controlled from an external device.

- “Operation/Stop” mode can be selected with function setting of indoor unit.
- A twisted pair cable (22AWG) should be used. Maximum length of cable is 150 m.
- The wire connection should be separate from the power cable line.

### Indoor unit

Indoor unit functions such as Operation/Stop can be done by using indoor unit connectors.



\*1: The switch can be used on the following condition: DC 12 V to 24 V, 1 mA to 15 mA.

## ■ External output

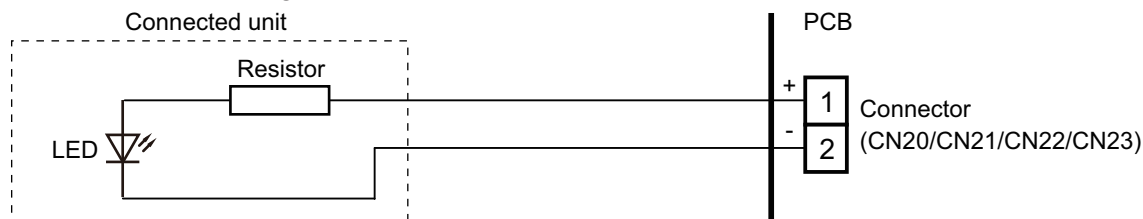
Use an external output cable with appropriate external dimension, depending on the number of cables to be installed.

### ● Indoor unit

- A twisted pair cable (22AWG) should be used. Maximum length of cable is 25 m .
- Output voltage: High DC 12 V  $\pm$ 2 V, Low 0 V.
- Permissible current: 50 mA
- For details, refer to Chapter 12-4-3. "[Combination of external input and output](#)" on page 154.

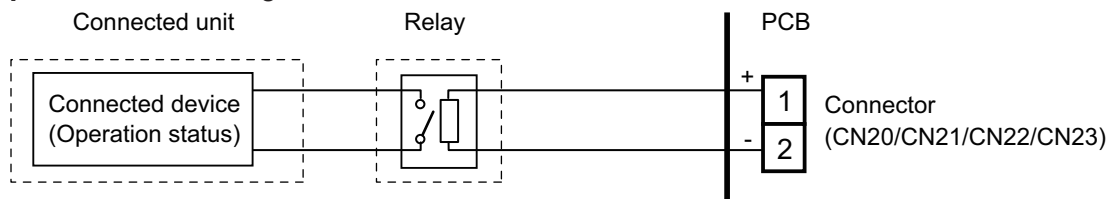
### ● When indicator or other components are connected directly

**Example:** Function setting 60 is set to "00"



### ● When connecting with a device equipped with a power supply

**Example:** Function setting 60 is set to "00"



## ■ Combination of external input and output

By combining the function setting of the indoor unit, you can select various combinations of functions.

Combination examples of external input and output are as follows:

| Mode | Function setting | External input                                                                        |                       |
|------|------------------|---------------------------------------------------------------------------------------|-----------------------|
|      |                  | Indoor unit                                                                           |                       |
|      |                  | CN14                                                                                  | CN15                  |
| 0    | 60-00            | Operation/Stop (Function setting 46-00)<br>or<br>Forced stop (Function setting 46-02) | Forced thermostat Off |
| 9    | 60-09            |                                                                                       | Forced thermostat Off |
| 10   | 60-10            |                                                                                       | Forced thermostat Off |
| 11   | 60-11            |                                                                                       | Forced thermostat Off |
| 12   | 60-12            |                                                                                       | Forced thermostat Off |

| Mode | Function setting | External output                  |                |                                  |                        |
|------|------------------|----------------------------------|----------------|----------------------------------|------------------------|
|      |                  | Indoor unit                      |                |                                  |                        |
|      |                  | CN20                             | CN21           | CN22                             | CN23                   |
| 0    | 60-00            | Operation/Stop                   | Error status   | Indoor unit fan operation status | External heater output |
| 9    | 60-09            | Error status                     | Operation/Stop | Indoor unit fan operation status | External heater output |
| 10   | 60-10            | Indoor unit fan operation status | Operation/Stop | Error status                     | External heater output |
| 11   | 60-11            | External heater output           | Operation/Stop | Indoor unit fan operation status | Error status           |

**NOTE:** Input of Operation/Stop depends on the setting of function setting 46.

00: Operation/Stop mode 1 (Remote controller enabled)

01: (Setting prohibited)

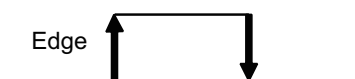
02: Forced stop

03: Operation/Stop mode 2 (Remote controller disabled)

## ● Input signal type

### • Indoor unit

Input signal type is only "Edge".

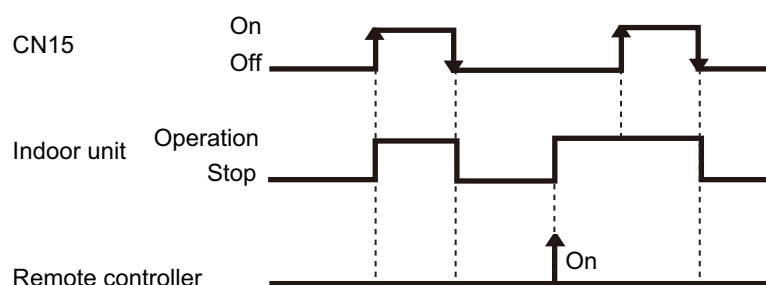


## ■ Details of function

### ● Control input function

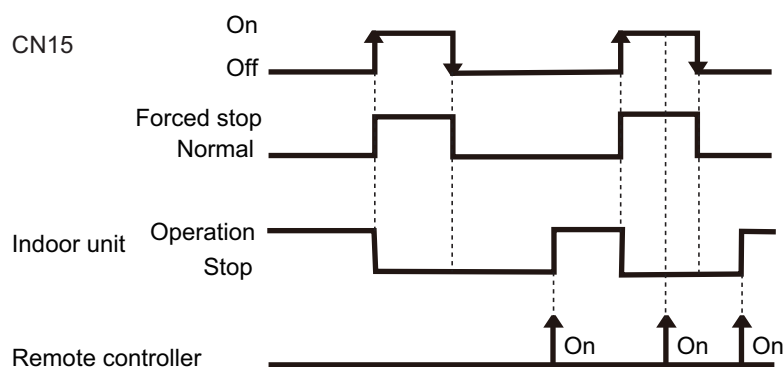
- When function setting is "Operation/Stop" mode 1
  - In the case of "Edge" input

| Mode | Function setting |   | External input       |      | Input signal | Command   |
|------|------------------|---|----------------------|------|--------------|-----------|
| 0    | 46-00            | — | Input of indoor unit | CN14 | Off → On     | Operation |
|      |                  | — |                      | CN14 | On → Off     | Stop      |
|      | 60-00            | — | Input of indoor unit | CN15 | Off → On     | Operation |
|      |                  | — |                      | CN15 | On → Off     | Stop      |



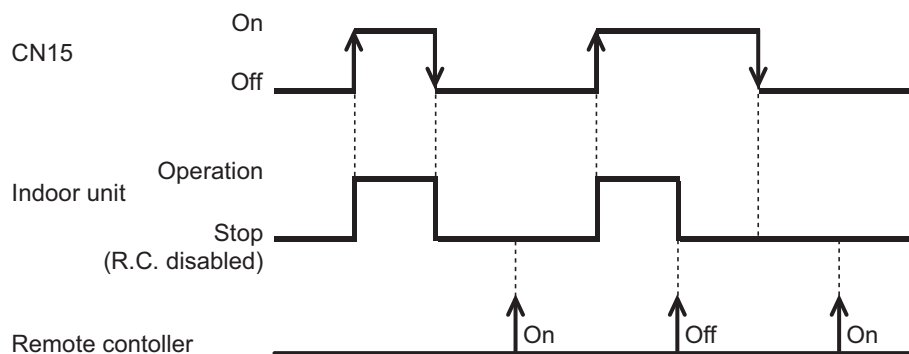
- When function setting is "Forced stop" mode
  - In the case of "Edge" input

| Mode | Function setting |   | External input       |      | Input signal | Command     |
|------|------------------|---|----------------------|------|--------------|-------------|
| 0    | 46-02            | — | Input of indoor unit | CN14 | Off → On     | Forced stop |
|      |                  | — |                      | CN14 | On → Off     | Normal      |
|      | 60-00            | — | Input of indoor unit | CN15 | Off → On     | Forced stop |
|      |                  | — |                      | CN15 | On → Off     | Normal      |



- When function setting is "Operation/Stop" mode 2
  - In the case of "Edge" input

| Mode | Function setting |       | External input       |      | Input signal | Command                              |
|------|------------------|-------|----------------------|------|--------------|--------------------------------------|
| 0    | 46-03            | —     | Input of indoor unit | CN14 | Off → On     | Operation                            |
|      |                  |       |                      |      | On → Off     | Stop<br>(Remote controller disabled) |
|      |                  | 60-00 |                      | CN15 | Off → On     | Operation                            |
|      |                  |       |                      |      | On → Off     | Stop<br>(Remote controller disabled) |

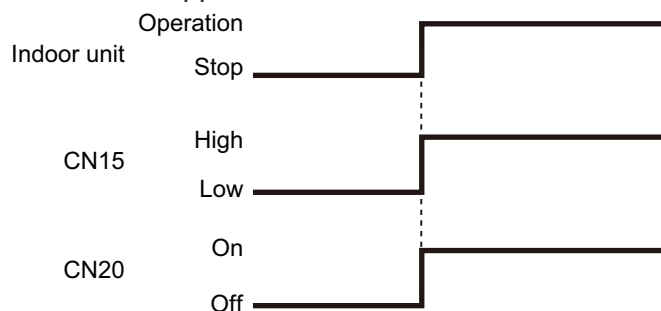


## ● Control output function

### • Operation/Stop status

| Mode | Function setting | External output       |      | Output signal | Command   |
|------|------------------|-----------------------|------|---------------|-----------|
| 0    | 60-00            | Output of indoor unit | CN15 | Low → High    | Operation |
|      |                  |                       |      | High → Low    | Stop      |
| 0    | 60-00            |                       | CN20 | Off → On      | Operation |
|      |                  |                       |      | On → Off      | Stop      |

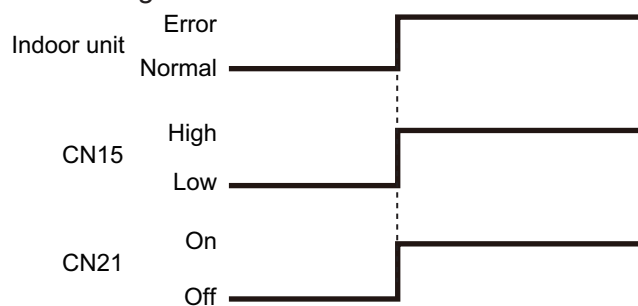
The output is low when the unit is stopped.



### • Error status

| Mode | Function setting | External output       |      | Output signal | Command |
|------|------------------|-----------------------|------|---------------|---------|
| 9    | 60-09            | Output of indoor unit | CN15 | Low → High    | Error   |
|      |                  |                       |      | High → Low    | Normal  |
| 0    | 60-00            |                       | CN21 | Off → On      | Error   |
|      |                  |                       |      | On → Off      | Normal  |

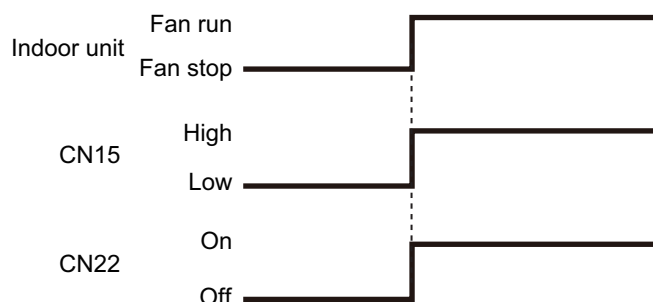
The output is ON when an error is generated for the indoor unit.



### Indoor unit fan operation status

| Mode | Function setting | External output       |      | Output signal | Command  |
|------|------------------|-----------------------|------|---------------|----------|
| 10   | 60-10            | Output of indoor unit | CN15 | Low → High    | Fan run  |
|      |                  |                       |      | High → Low    | Fan stop |
| 0    | 60-00            | Output of indoor unit | CN22 | Off → On      | Fan run  |
|      |                  |                       |      | On → Off      | Fan stop |

| Output signal     | Condition                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------|
| On<br>Low → High  | The indoor unit fan is operating.                                                                      |
| Off<br>High → Low | The fan is stopped or during cold air prevention.<br>During thermostat off when in dry mode operation. |



### Setpoint Attainment status

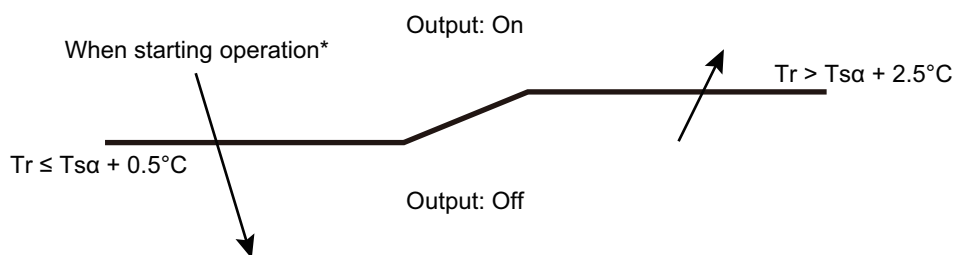
**NOTE:** This function is valid only when function setting 96 is set to “01” (Primary unit) or “02” (Secondary unit).

When the room temperature does not reach the setpoint at a room due to the lower cooling performance caused by external factor such as the outdoor temperature change, signal is output to tell the attainment status of setpoint.

| Mode | Function setting | External output       |      | Output signal | Command             |
|------|------------------|-----------------------|------|---------------|---------------------|
| 12   | 60-12            | Output of indoor unit | CN15 | On → Off      | Normal              |
|      |                  |                       |      | Off → On      | Setpoint Attainment |

| Output signal | Condition                                                                                                                                                                        |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Off           | Reached the setpoint. ( $T_r \leq T_{sa} + 0.5^\circ\text{C}$ )                                                                                                                  |
| On            | Unreached the setpoint. ( $T_r > T_{sa} + 2.5^\circ\text{C}$ )<br>However, even if the setpoint unreached, the signal will not be output for 7 minutes after power is turned on. |

When performing the server room control, both of the primary unit and secondary unit output the setpoint attainment status if any of the unit is outputting alternative operation command.



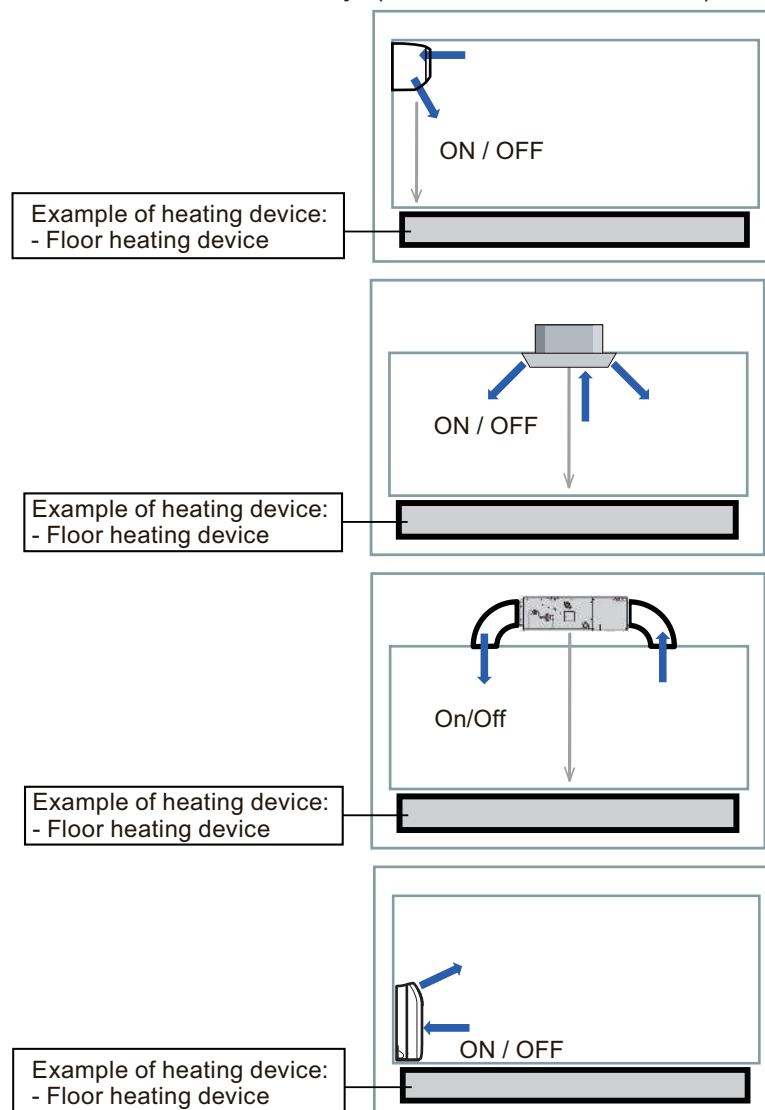
\*: When starting operation or resetting, judges the zone to descending direction.



## ● External heater output

### • Installation configuration of individual connection

External heating device is installed individually. (No use of indoor unit fan)



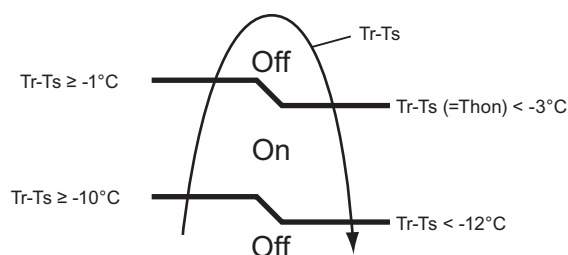
### **⚠ WARNING**

- Design and install external heater appropriately with considering its protection.
- Inappropriate designing and installation of external heater may cause a fire by emitted heat from the external heater.
- Fujitsu General Ltd. is not responsible for inappropriate designing or installation of external heating device.

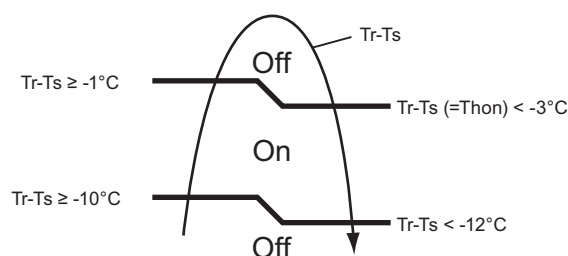
## • Auxiliary heater control 1

| Operation  | Condition                                                                                                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Heater on  | Heater is on as shown in following diagram of heating temperature.                                                                                                                                                                         |
| Heater off | <ul style="list-style-type: none"> <li>Heater is off as shown in following diagram of heating temperature.</li> <li>Other than heating mode</li> <li>Error occurred</li> <li>Forced thermostat off</li> <li>Fan stop protection</li> </ul> |

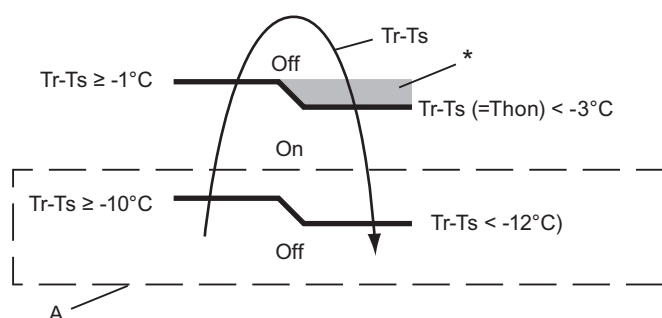
- Temperature of heater on (Thon): Adjustable by function number 62 (Operating temperature switching of external heaters).
- All control temperatures will shift by adjusting “Thon”.



Tr: Room temperature  
Ts: Set temperature  
Thon: Heater on temperature



Tr: Room temperature  
Ts: Set temperature  
Thon: Heater on temperature



Tr: Room temperature  
Ts: Set temperature  
Thon: Heater on temperature

\*: When room temperature stays in this zone for a specific time, auxiliary heater is turned on. For details, refer to function number 71.

**Example:** When set temperature (Ts) is 22°C (Factory setting),

- and room temperature (Tr) increases above 12°C, signal output is on.
- and room temperature (Tr) increases above 21°C, signal output is off.
- and room temperature (Tr) decreases below 19°C, signal output is on.
- and room temperature (Tr) decreases below 10°C, signal output is off.

## 13. Group connection

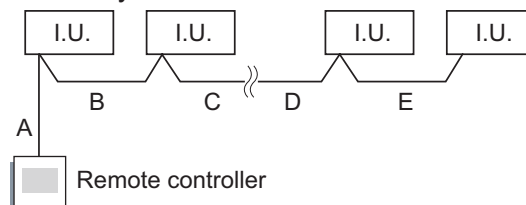
**NOTE:** Group control cannot be used together with WLAN Adapter.

### Installation procedure for group control system:

A number of indoor units can be operated at the same time using a single remote controller.

**NOTE:** When different type of indoor units (such as wall mounted type and cassette type, cassette type and duct type, or other combinations) are connected using group control system, some functions may no longer be available.

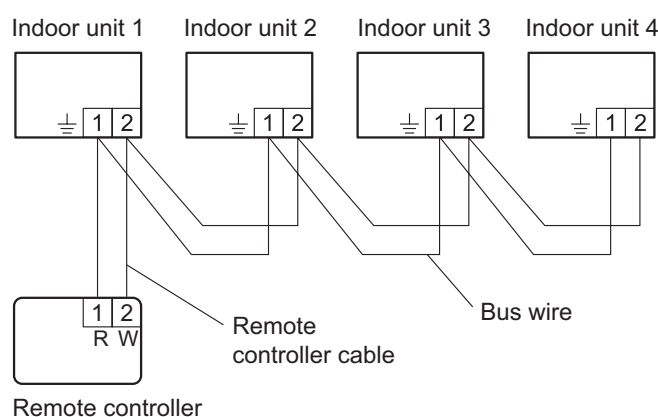
1. Connect up to 16 indoor units in a system.



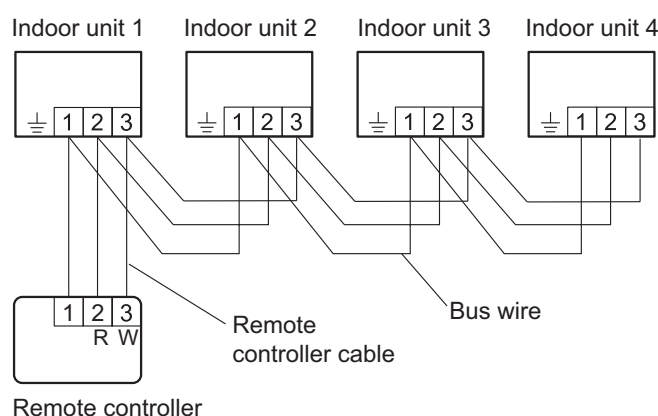
| A, B, C, D, E: Remote controller cable |                                        |
|----------------------------------------|----------------------------------------|
| Wiring length limitation               | $A + B + C + D + E \leq 500 \text{ m}$ |

| A, B, C, D, E: Remote controller cable |                     |                                        |
|----------------------------------------|---------------------|----------------------------------------|
| Wiring length limitation               | UTY-RVRY            | $A + B + C + D + E \leq 70 \text{ m}$  |
|                                        | Other than UTY-RVRY | $A + B + C + D + E \leq 500 \text{ m}$ |

Example of wiring method



Example of wiring method

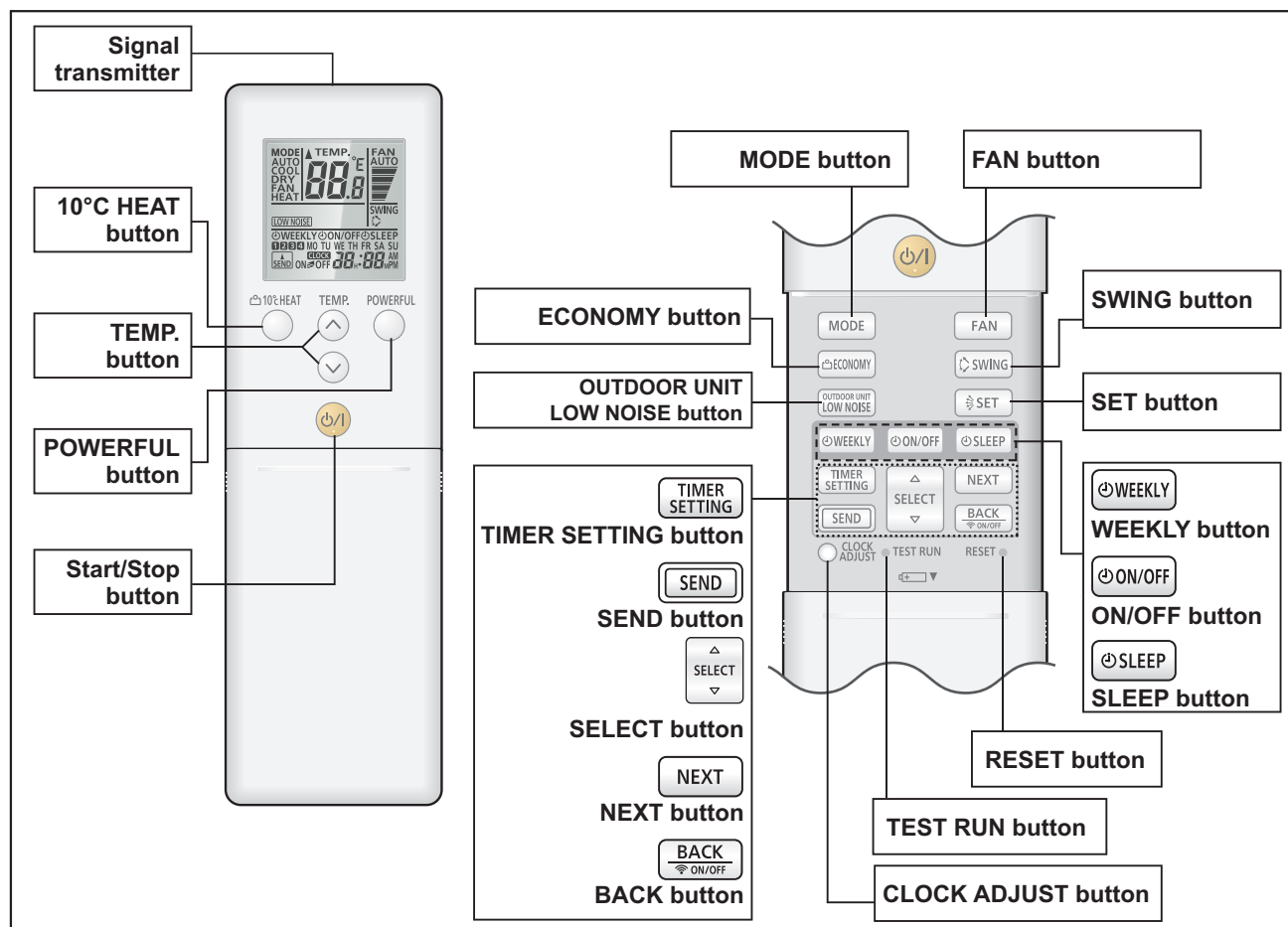


## 14. Remote controller

### 14-1. Wireless remote controller (AR-REW4E and AR-REJ1E)

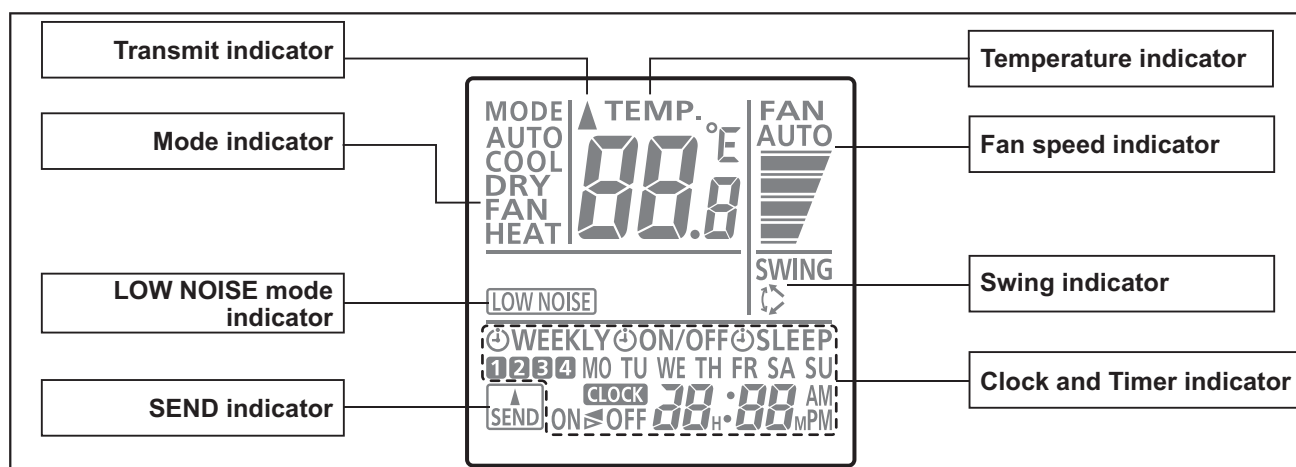
#### Overview

##### AR-REW4E



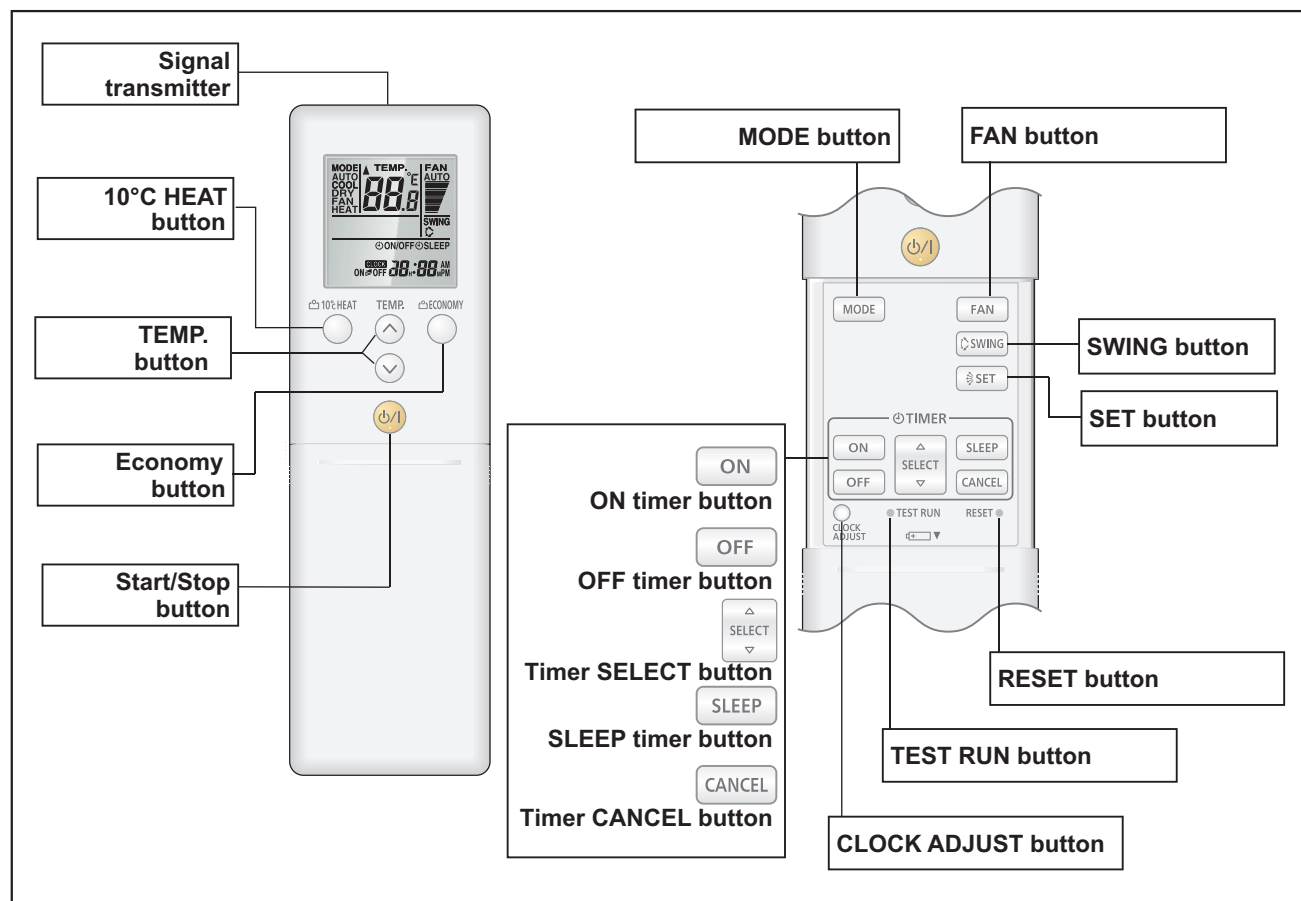
**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

#### Display panel



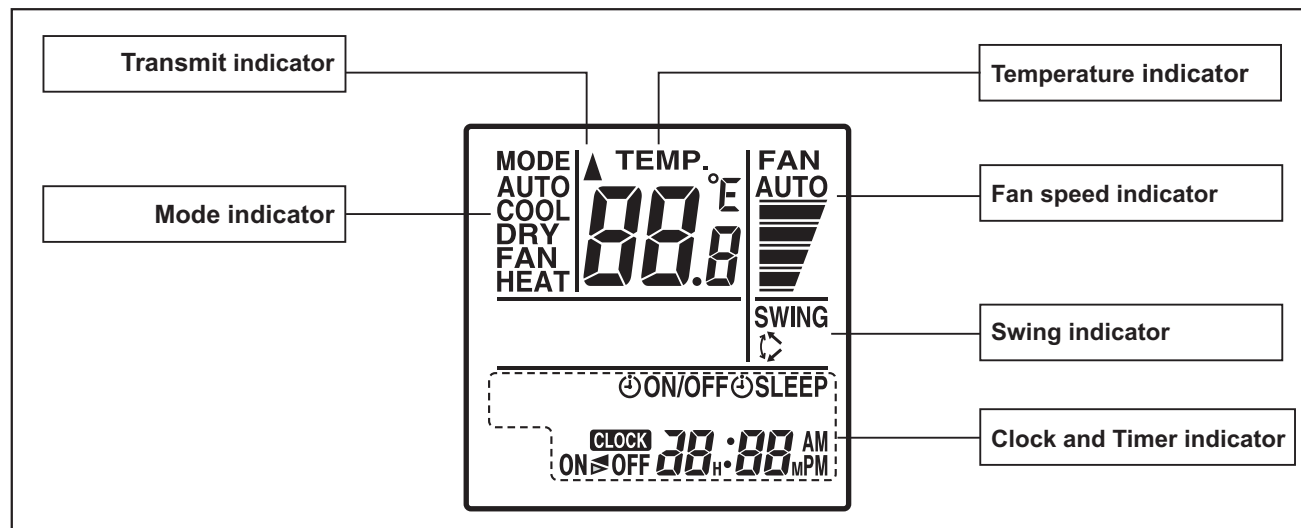
To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

## AR-REJ1E



**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

## Display panel

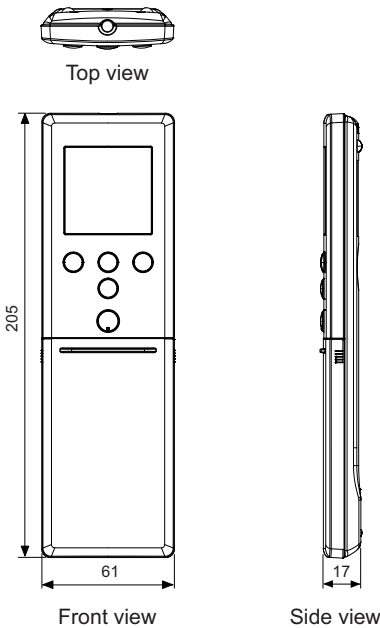


To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

■ Specifications

● Controller

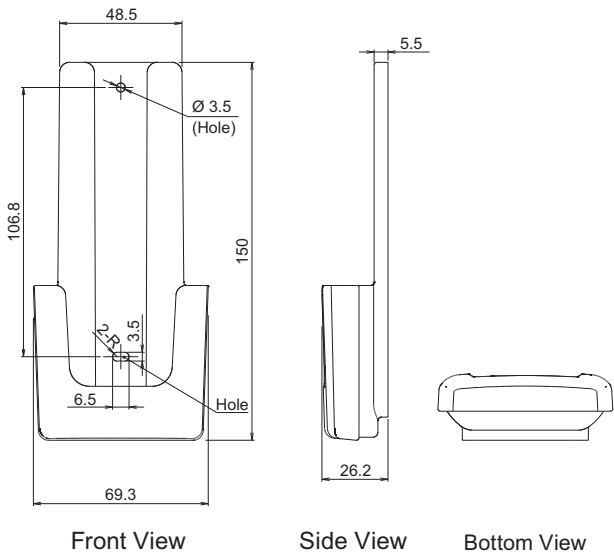
Unit: mm



|                  |    |                         |
|------------------|----|-------------------------|
| Size (H × W × D) | mm | 205 × 61 × 17           |
| Weight           | g  | 124 (without batteries) |

● Holder

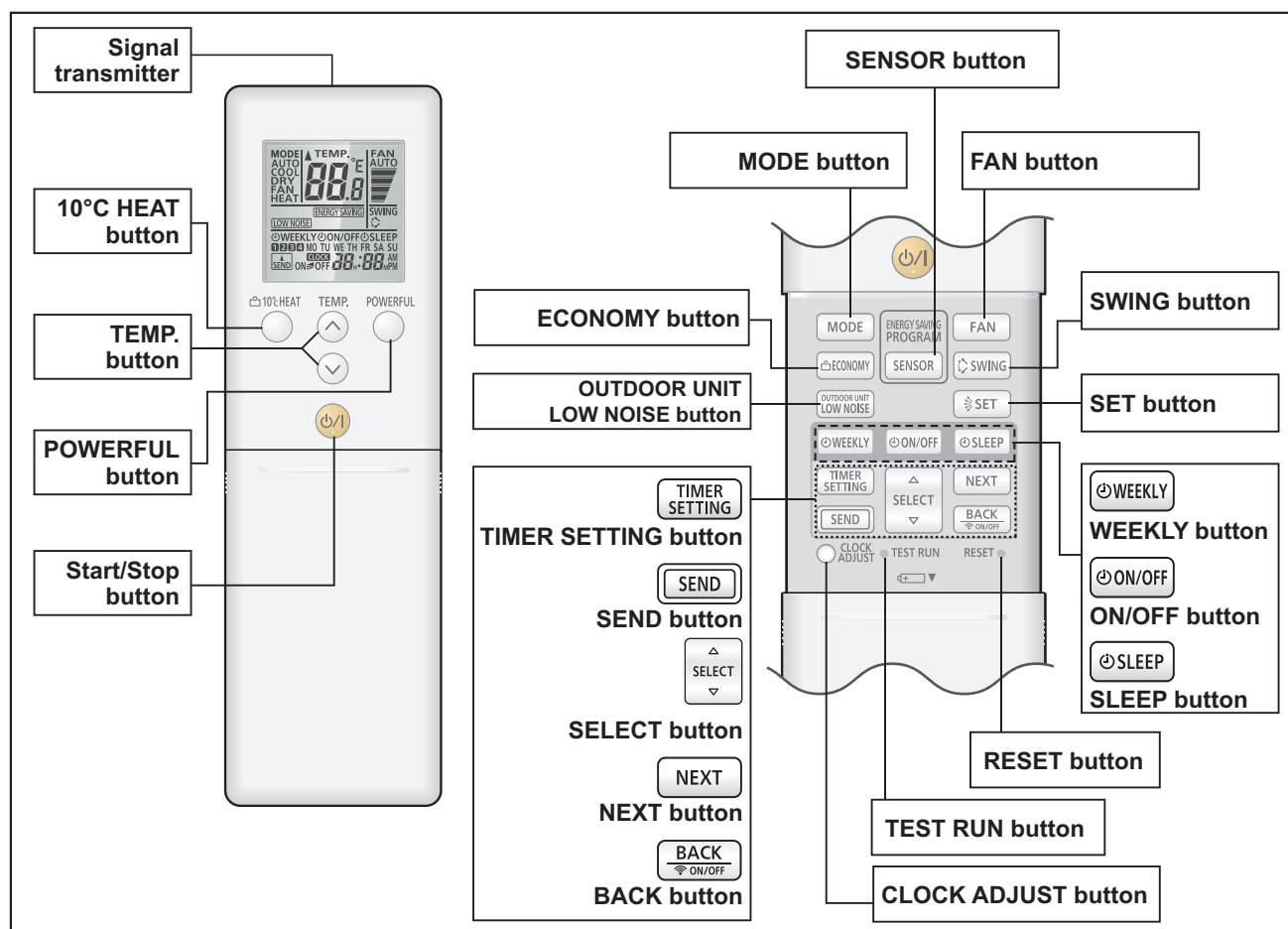
Unit: mm



|                  |    |                   |
|------------------|----|-------------------|
| Size (H × W × D) | mm | 150 × 69.3 × 26.2 |
| Weight           | g  | 27                |

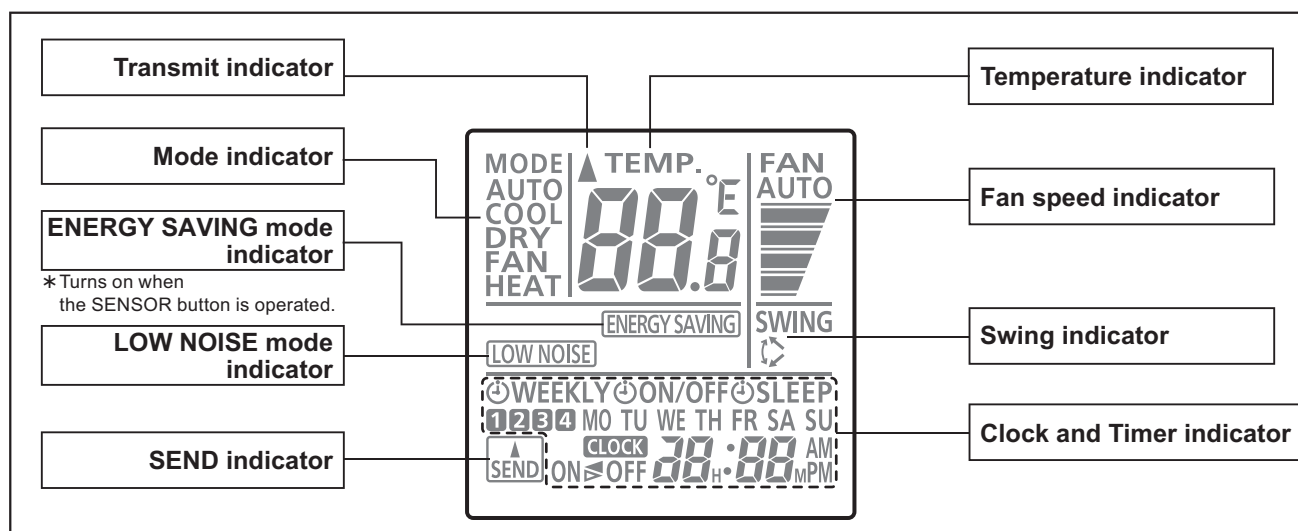
## 14-2. Wireless remote controller (AR-REW3E)

### Overview



**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

Display panel

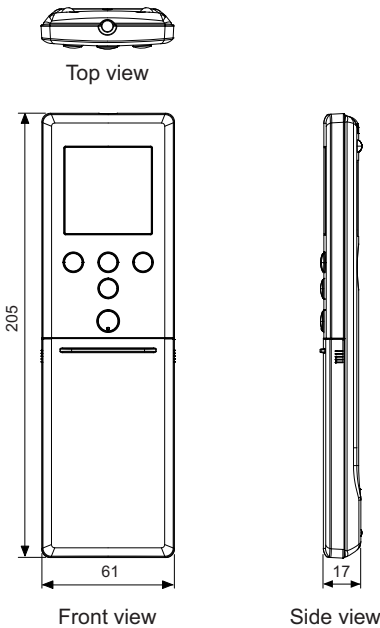


To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

■ Specifications

● Controller

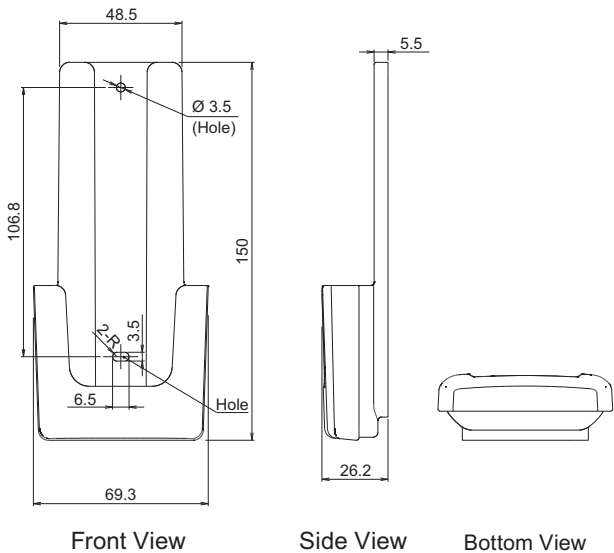
Unit: mm



|                  |    |                         |
|------------------|----|-------------------------|
| Size (H × W × D) | mm | 205 × 61 × 17           |
| Weight           | g  | 124 (without batteries) |

● Holder

Unit: mm

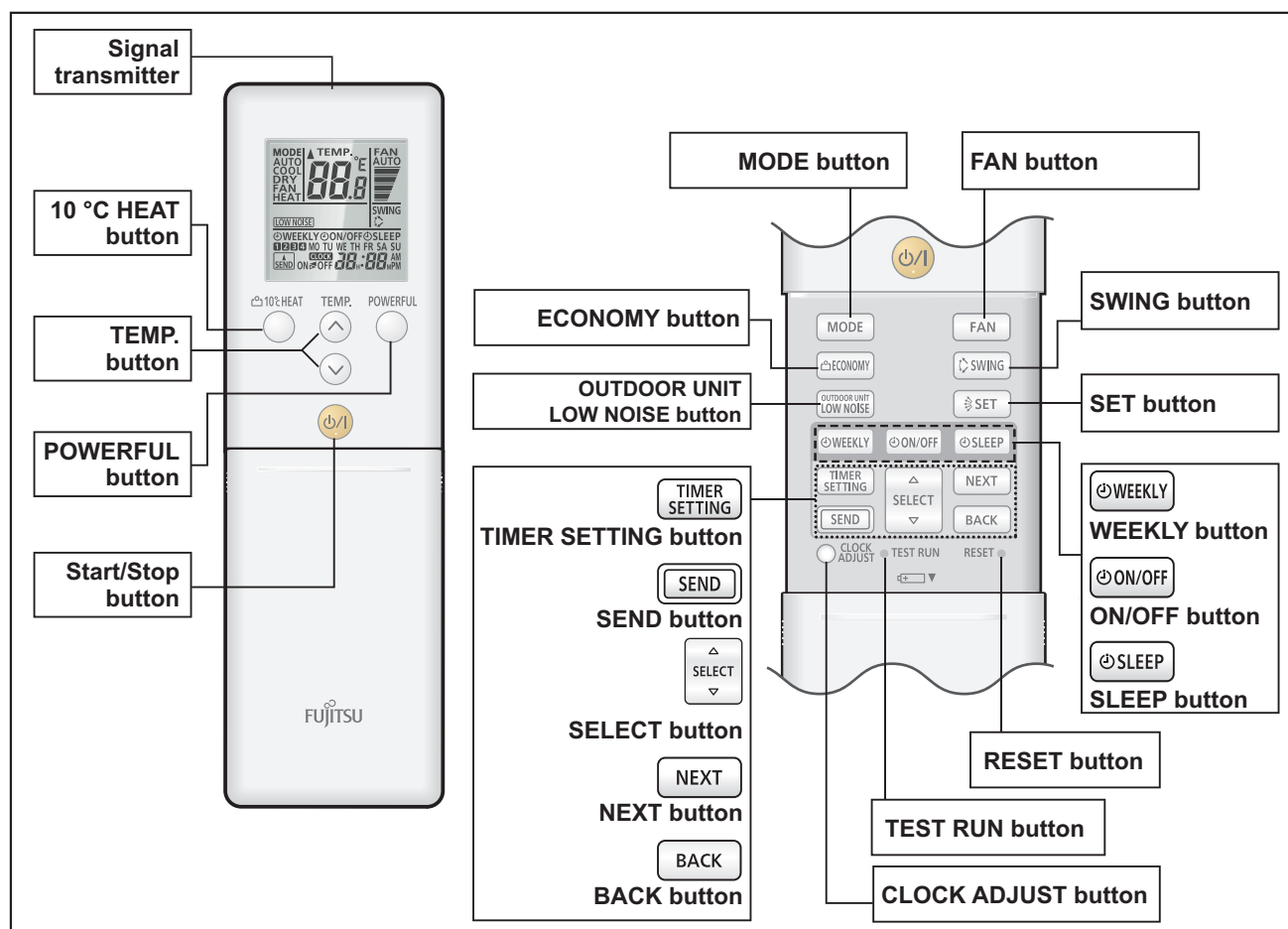


|                  |    |                   |
|------------------|----|-------------------|
| Size (H × W × D) | mm | 150 × 69.3 × 26.2 |
| Weight           | g  | 27                |



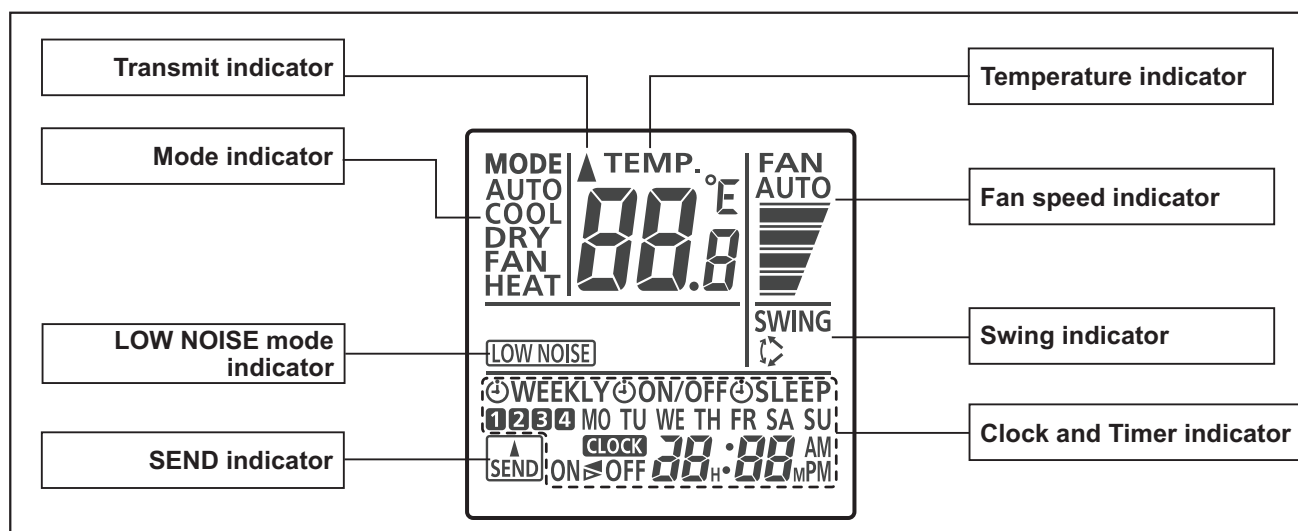
## 14-3. Wireless remote controller (AR-REM7E)

### Overview



**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

Display panel

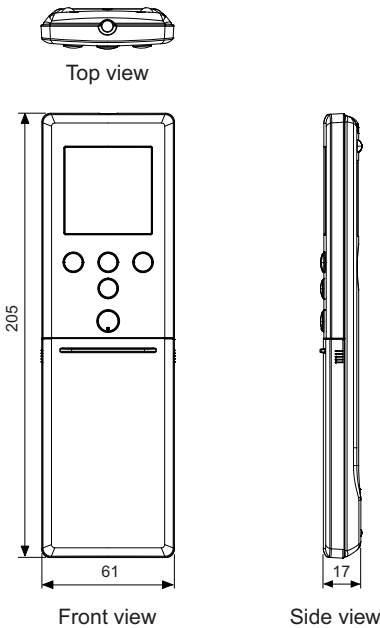


To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

■ Specifications

● Controller

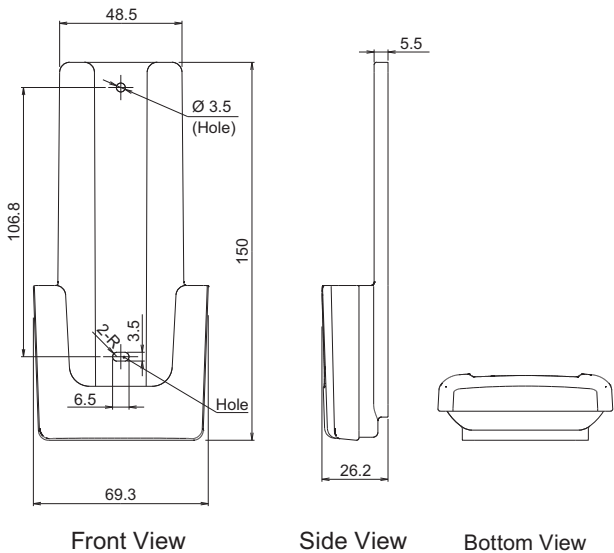
Unit: mm



|                  |    |                         |
|------------------|----|-------------------------|
| Size (H × W × D) | mm | 205 × 61 × 17           |
| Weight           | g  | 124 (without batteries) |

● Holder

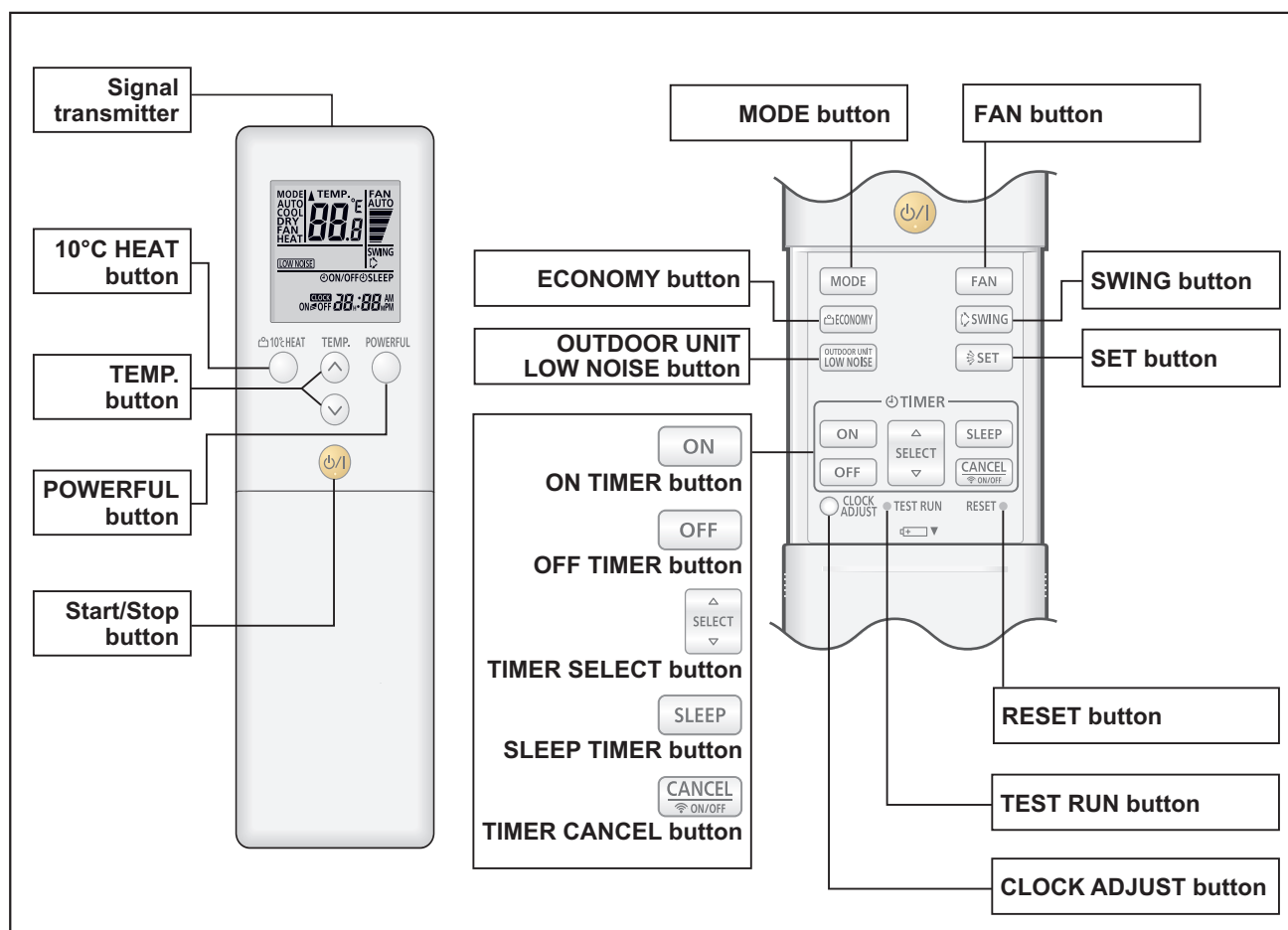
Unit: mm



|                  |    |                   |
|------------------|----|-------------------|
| Size (H × W × D) | mm | 150 × 69.3 × 26.2 |
| Weight           | g  | 27                |

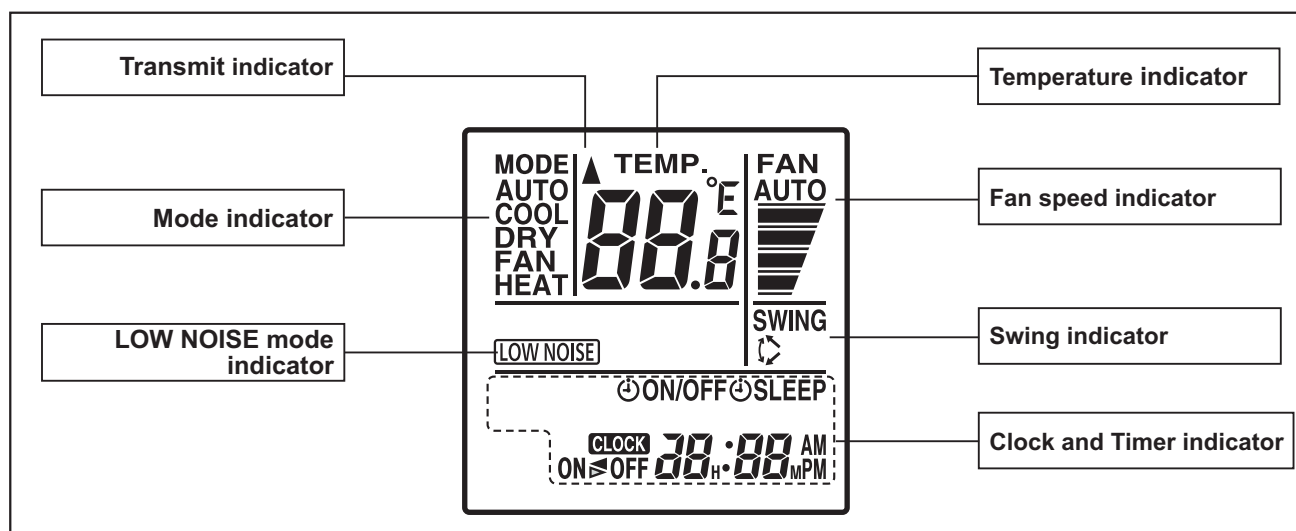
## 14-4. Wireless remote controller (AR-RMB1E and AR-RMB1E-B)

### Overview



**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

Display panel

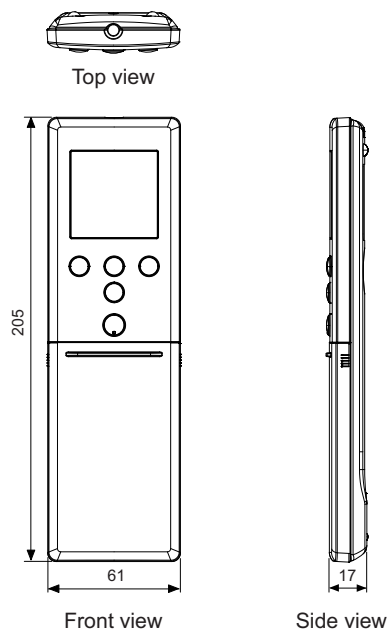


To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

## ■ Specifications

### ● Controller

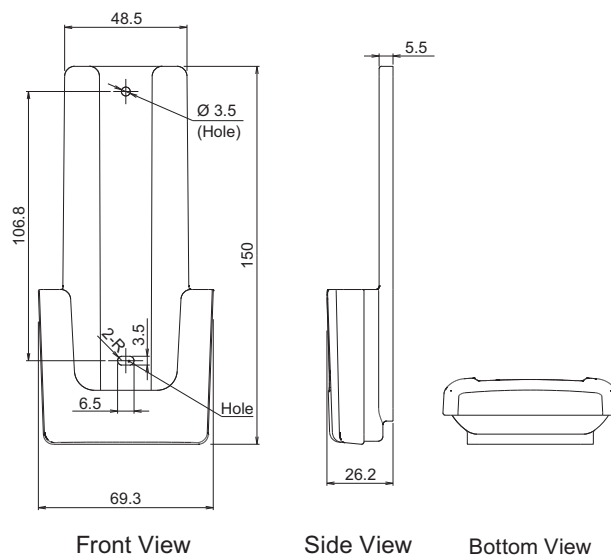
Unit: mm



|                  |    |                         |
|------------------|----|-------------------------|
| Size (H × W × D) | mm | 205 × 61 × 17           |
| Weight           | g  | 124 (without batteries) |

### ● Holder

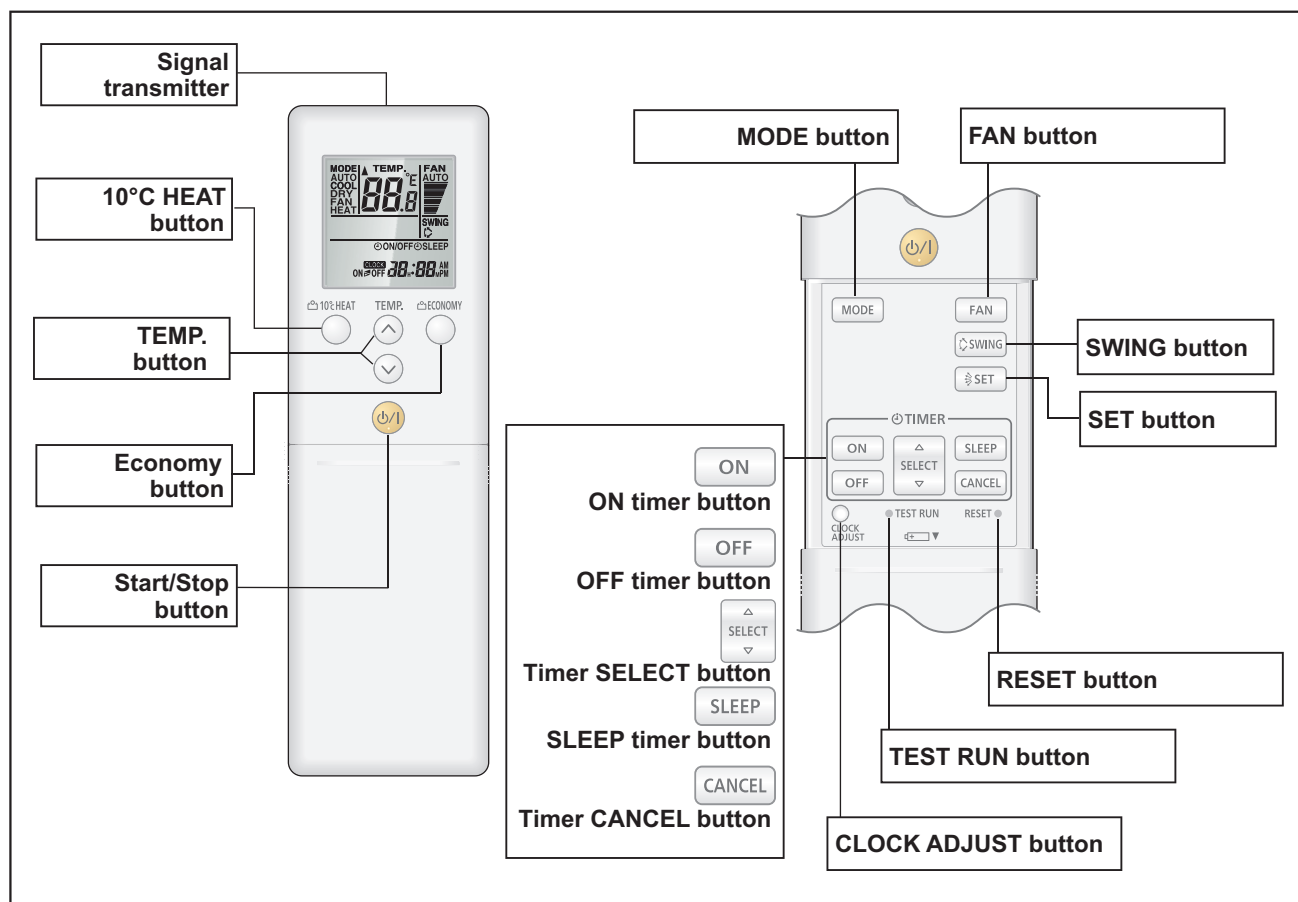
Unit: mm



|                  |    |                   |
|------------------|----|-------------------|
| Size (H × W × D) | mm | 150 × 69.3 × 26.2 |
| Weight           | g  | 27                |

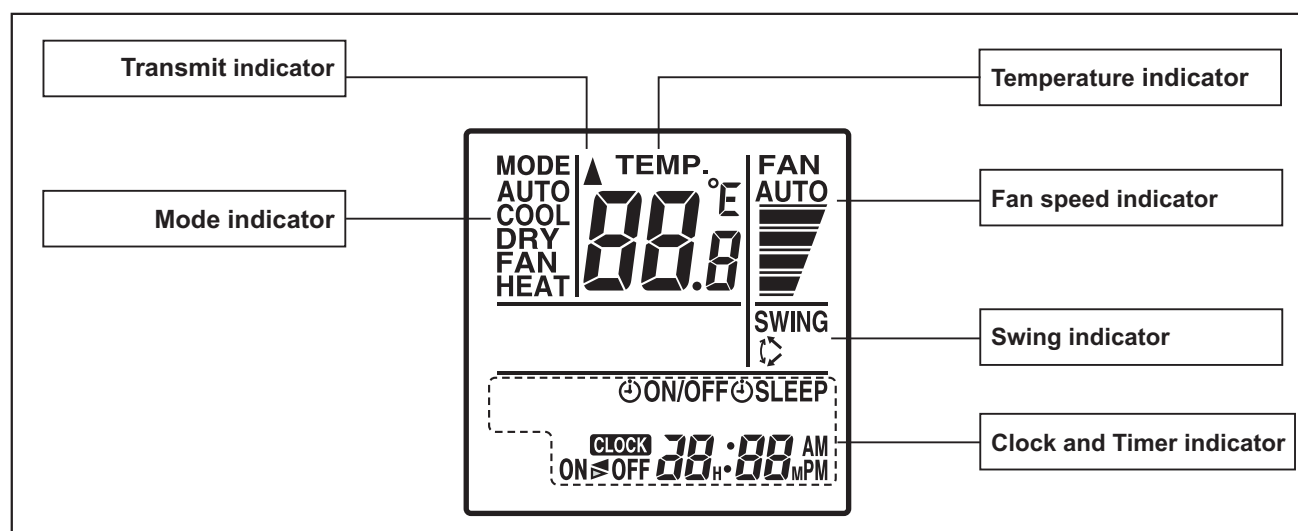
## 14-5. Wireless remote controller (UTY-LNTY: Optional part) and IR receiver kit with Wireless remote controller (UTY-LBTYM: Optional part)

### Overview



**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

### Display panel

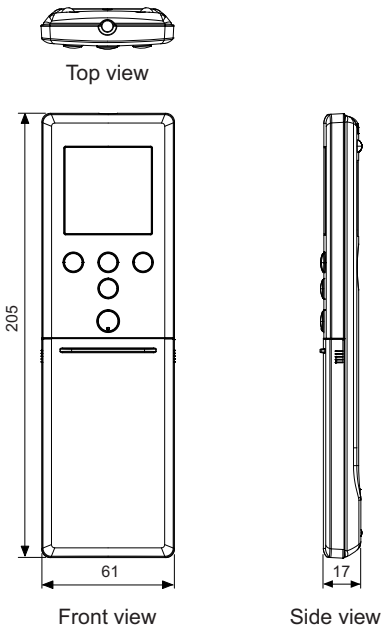


To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

Specifications

Controller

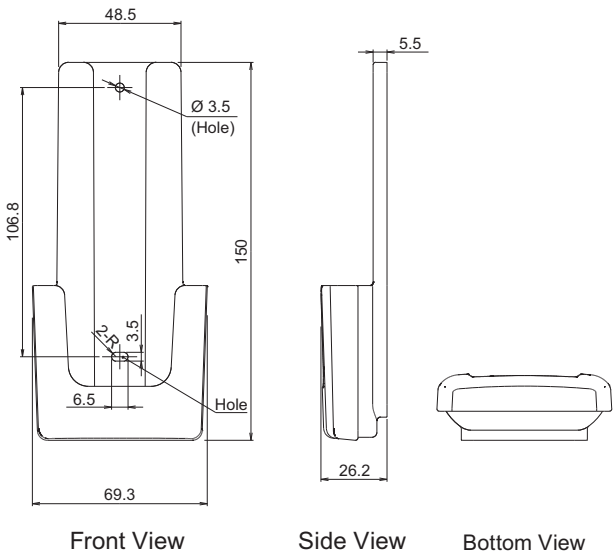
Unit: mm



|                  |    |                         |
|------------------|----|-------------------------|
| Size (H × W × D) | mm | 205 × 61 × 17           |
| Weight           | g  | 124 (without batteries) |

Holder

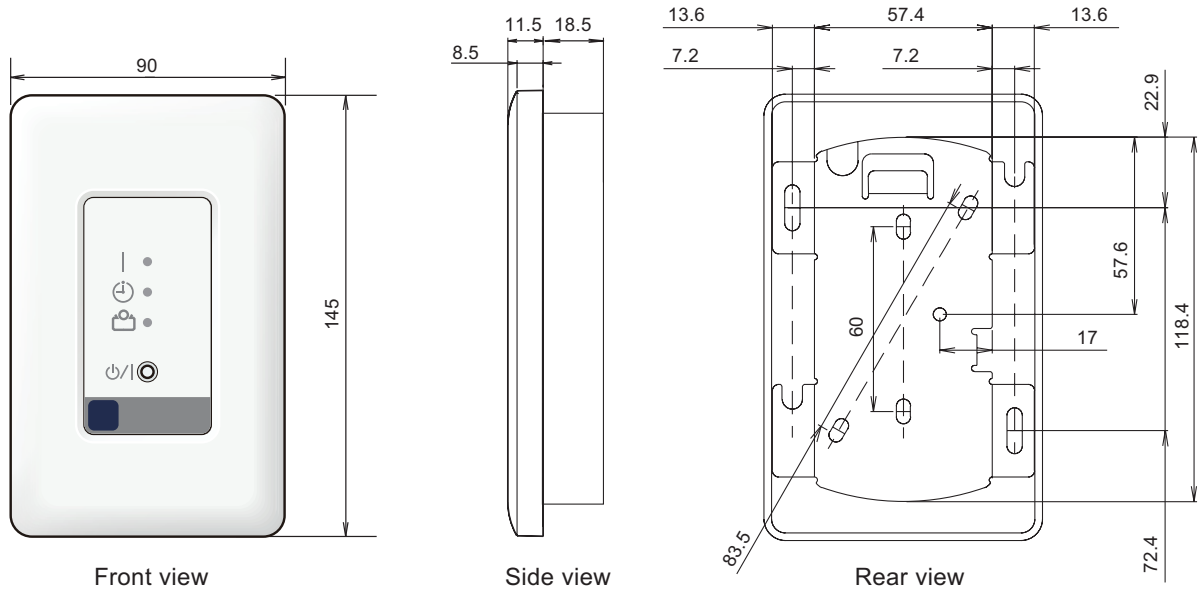
Unit: mm



|                  |    |                   |
|------------------|----|-------------------|
| Size (H × W × D) | mm | 150 × 69.3 × 26.2 |
| Weight           | g  | 27                |

# ● IR receiver (UTY-LBTYM)

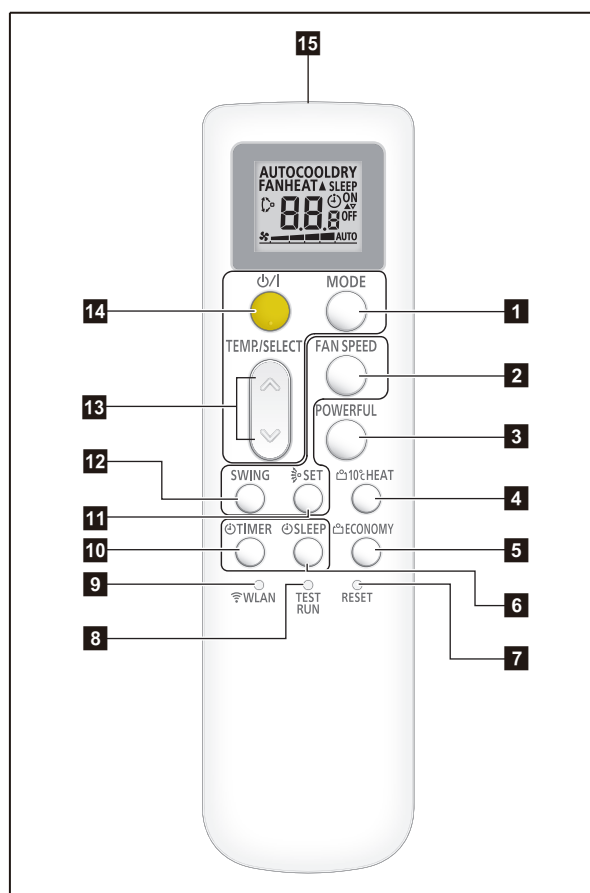
Unit: mm



|                  |    |               |
|------------------|----|---------------|
| Size (H × W × D) | mm | 145 × 90 × 30 |
| Weight           | g  | 150           |

## 14-6. Wireless remote controller (AR-RPF4E)

### Overview



#### 1 MODE button

- Switches operation mode (AUTO, COOL, DRY, FAN, and HEAT).
- Starts/ends the remote controller custom code (max. 4 types) change.

#### 2 FAN SPEED button

- Press the FAN SPEED button while the air conditioner is operating, to control fan speed.

#### 3 POWERFUL button

#### 4 10 °C HEAT button

#### 5 ECONOMY button

#### 6 SLEEP TIMER button

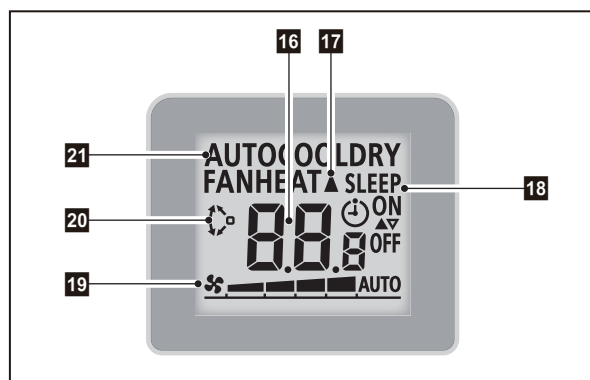
#### 7 RESET button

#### 8 TEST RUN button

- Used only when installing the air conditioner, and should not be used under normal conditions, as it will cause the indoor unit's thermostat malfunction.
- If this button is pressed during normal operation, the indoor unit will switch to test operation mode, and the operation indicator lamp and the timer indicator lamp on the indoor unit will begin to flash simultaneously.
- To stop the test operation mode, press the START/STOP button. Then, the air conditioner stops the operation.

**NOTE:** If the service check mode starts unintentionally and “- -” appears on the remote controller display, press the START/STOP button to end this operation.

Display panel



#### 9 WLAN button

- Starts the wireless LAN setting.

#### 10 TIMER button

#### 11 SET button (Up/down airflow)

#### 12 SWING button

#### 13 TEMP./SELECT button

- Adjusts the setting temperature.
- Adjusts the value of the timer settings.
- Sets the remote controller code.

#### 14 START/STOP button

#### 15 Signal transmitter

#### 16 Temperature and time indicator

- Displays set temperature.
- In timer setting, it displays the timer time. After finishing the timer setting, set temperature will reappear.

#### 17 Signal transmit indicator

#### 18 Timer mode indicator

#### 19 Fan speed indicator

#### 20 Swing indicator

#### 21 Operating mode indicator

#### NOTES:

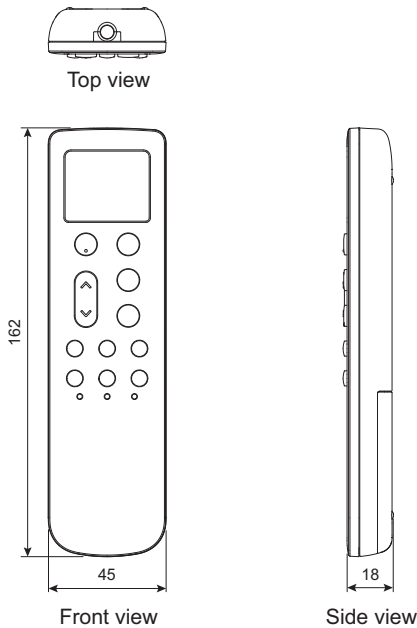
- Functions may differ by type of the indoor unit. For details, refer to the operation manual.
- This figure depicts all indicators that the remote controller can display on the screen for the functional explanation. In actual operation, the remote controller shows only the indicators that are appropriate for the current process.



■ Specifications

● Controller

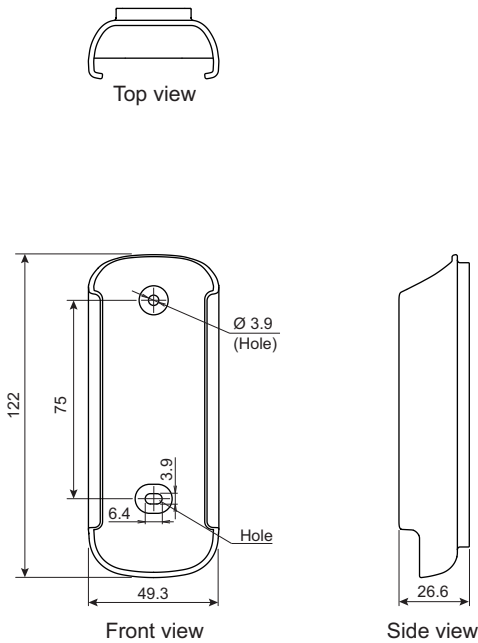
Unit: mm



|                  |    |                          |
|------------------|----|--------------------------|
| Size (H × W × D) | mm | 162 × 45 × 18            |
| Weight           | g  | 65.5 (without batteries) |

● Holder

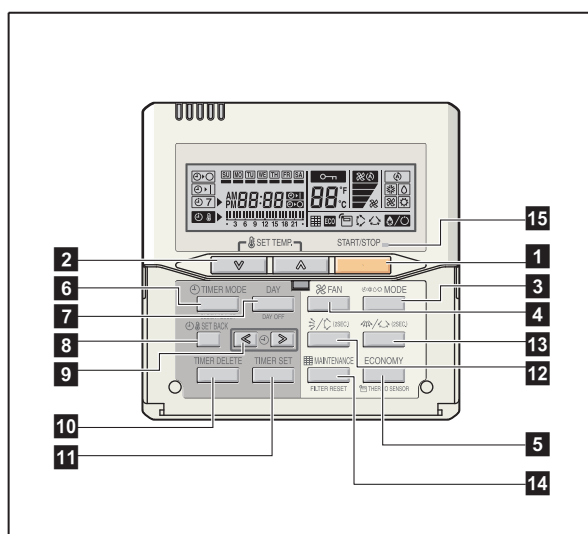
Unit: mm



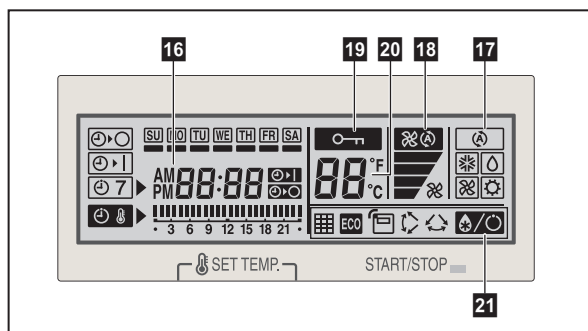
|                  |    |                   |
|------------------|----|-------------------|
| Size (H × W × D) | mm | 122 × 49.3 × 26.6 |
| Weight           | g  | 23.5              |

## 14-7. Wired remote controller (UTY-RNNYM: Optional part)

### Overview



Display panel

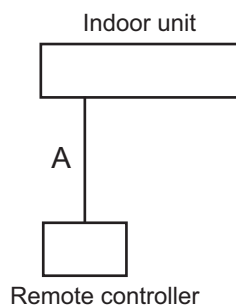


**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

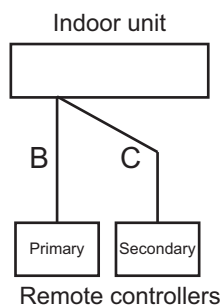
- 1 START/STOP button**  
Starts and stops operation.
- 2 SET TEMP. button**  
Selects the setting temperature.
- 3 MODE button**  
Selects the operating mode (AUTO , HEAT , FAN , COOL , and DRY ).
- 4 FAN button**  
Selects the fan speed AUTO , QUIET , LOW , MED , and HIGH .
- 5 ECONOMY (THERMO SENSOR) button**  
Turns the economy-efficient mode on and off.
- 6 TIMER MODE (CLOCK ADJUST) button**  
Selects the timer mode (off timer, on timer, and weekly timer). Sets the current time.
- 7 DAY (DAY OFF) button**  
Temporarily cancels one day timer.
- 8 SET BACK button**  
Selects the set back timer.
- 9 Set time button**  
Pressed to set time.
- 10 TIMER DELETE button**  
Deletes the weekly timer schedule.
- 11 TIMER SET button**  
Sets the date, hour, minute, and on-off time.
- 12 Vertical airflow direction and swing button**  
Push for 2 seconds to change the swing mode.
- 13 Horizontal airflow direction and swing button**  
Push for 2 seconds to change the swing mode.
- 14 FILTER RESET button**
- 15 Operation lamp**  
Lights during operation and when the timer is on.
- 16 Timer and clock indicator**
- 17 Operation mode indicator**
- 18 Fan speed indicator**
- 19 Operation lock indicator**
- 20 Temperature indicator**
- 21 Function indicators**
  -  Defrost indicator
  -  Thermo sensor indicator
  -  Economy indicator
  -  Vertical swing indicator
  -  Horizontal swing indicator
  -  Filter indicator

## System diagram

### 1 remote controller:



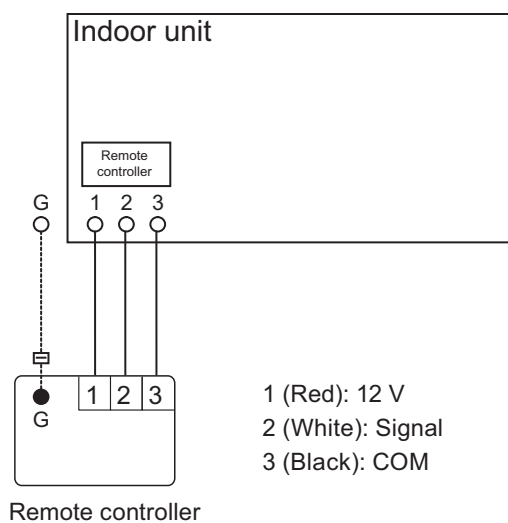
### 2 remote controllers:



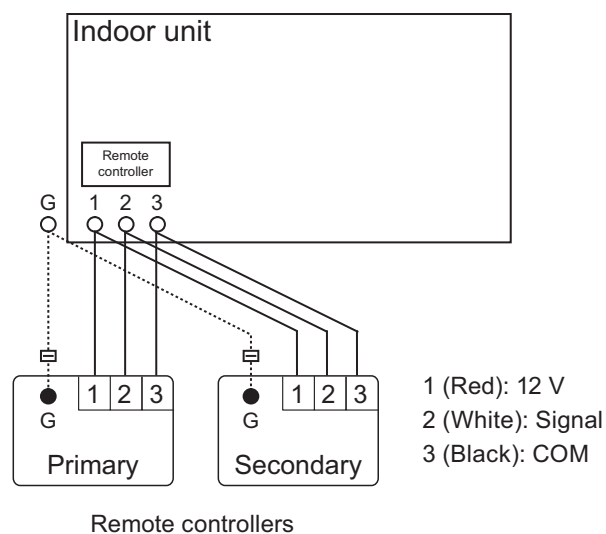
A, B, C: Remote controller cable  
 $A \leq 500 \text{ m}$ ;  $B + C \leq 500 \text{ m}$

## Electrical wiring

### 1 remote controller:

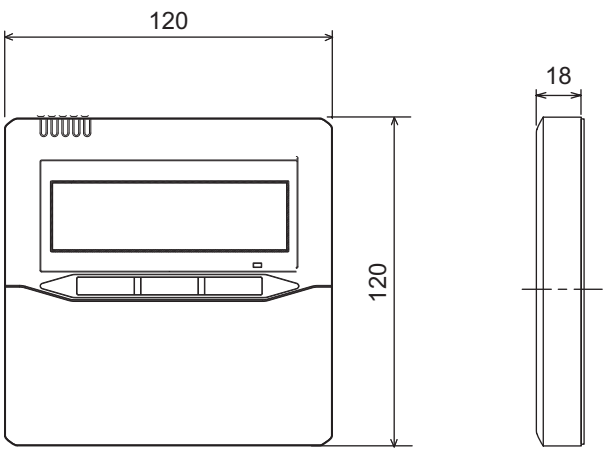


### 2 remote controllers:



## ■ Specifications

Dimensions and other specifications on the wired remote controller are as follows.

|                                                                                    |            |                |
|------------------------------------------------------------------------------------|------------|----------------|
| Unit: mm                                                                           |            |                |
|  |            |                |
|                                                                                    | Front view | Side view      |
| Size (H × W × D)                                                                   | mm         | 120 × 120 × 18 |
| Weight                                                                             | g          | 160            |
| Cable length (accessory)                                                           | m          | 10             |
| Power                                                                              | V          | 12             |

## ● Wiring specifications

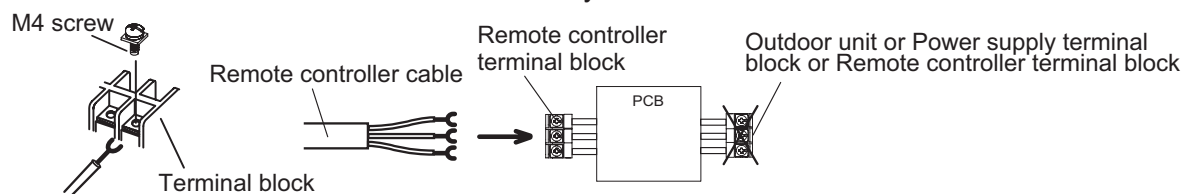
| Use                     | Cable size                    | Wire type    | Remarks                 |
|-------------------------|-------------------------------|--------------|-------------------------|
| Remote controller cable | 0.33 mm <sup>2</sup> (22 AWG) | Polar 3-core | Use sheathed PVC cable. |

## ■ Installation

Connection pattern of wired remote controller varies by the type of the connected indoor unit.

### ● When connecting to terminal block (for Compact cassette, Slim duct, and Mini duct types)

Connect the end of remote controller cable directly to the exclusive terminal block.



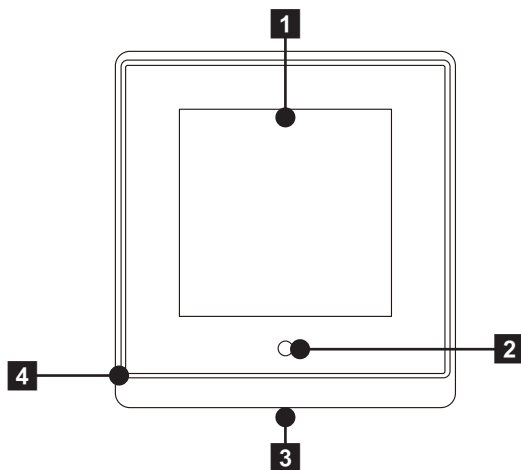
**NOTE:** It may be failed if it is connected to the outdoor unit or the terminal block for power supply.

## 14-8. Wired Remote Controller (UTY-RVRY : Optional part)



- Easy finger touch operation with LCD panel.
- Screen with anti-fingerprint coating
- Various information display (Room temp., Operation mode, Set temp. Fan speed, Timer)
- Control up to 16 indoor units
- Corresponds to 3 different languages (English, French, Spanish)

### ■ Overview



#### 1 Touch screen

It can be operated by tapping or swiping.

**NOTE:** Operate with your finger or stylus pen (not included). Do not touch the screen with a hard or sharp object as it may cause a malfunction.

#### 2 Ambient light sensor

Detects the brightness around the controller.

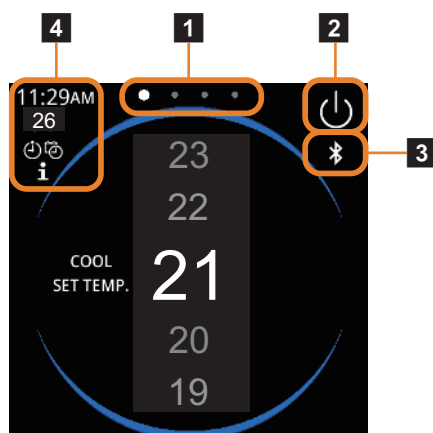
#### 3 Operation lamp

Lights while the indoor units is operating. Blinks when an error occurs.

#### 4 Remote temperature sensor (inside)

Detects the temperature around the controller.

## Temperature setting screen



### 1 Page indicator

Shows the order of pages and displayed page.

### 2 Operation On/Off button

Tap to start operation or stop the air conditioner.

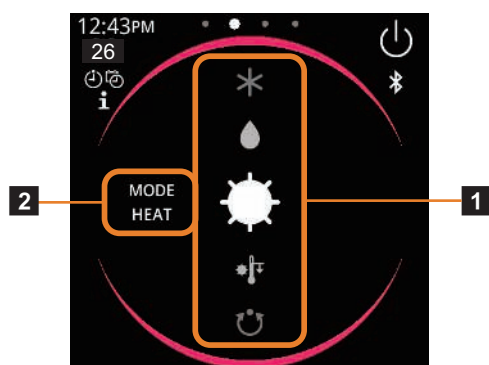
### 3 Bluetooth icon

Displays when Bluetooth is enabled.

### 4 Information area

The displayed contents differ depending on the screen and settings.

## Operation mode setting screen



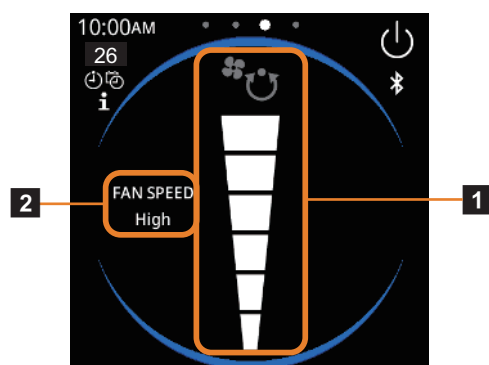
### 1 Operation mode setting area

Swipe up or down to select the operation mode.

### 2 Operation mode

The operation mode of the air conditioner is displayed.

## Fan speed setting screen



### 1 Fan speed setting area

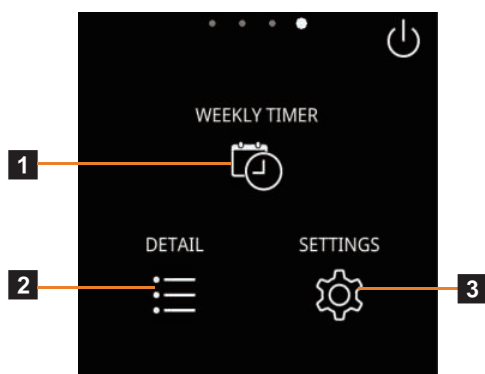
Swipe up or down to set the fan speed.

 is AUTO.

### 2 Fan speed

Displays the set fan speed.

## Other setting screen



### 1 WEEKLY TIMER

### 2 DETAIL

For details of the settings, refer to the *OPERATION MANUAL* for this product.

### 3 SETTINGS

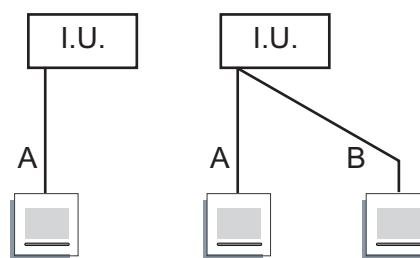
For details of the settings, refer to the *OPERATION MANUAL* for this product.

**NOTE:** To display settings screen, it is necessary to enter the admin password.

## ■ System diagrams

### • Multiple remote control

Up to 2 remote controllers can be used to operate the indoor units.



- Remote controller
  - A: UTY-RVRY
  - B: Other than UTY-RVRY (2-wire type only)
- Remote controller cable
  - A, B ≤ 70 m

### NOTES:

- Only one UTY-RVRY is connectable in either connection pattern.
- Multiple installation method described above is prohibited to combine with 3-wired type remote controller.

- **Maximum connectable number of remote controller (2-wire type)**

Maximum connectable number of remote controller (2-wire type) is limited by cable size and maximum cable length.

| When using only remote controller other than UTY-RVRY |                           |                        |                   |                   |
|-------------------------------------------------------|---------------------------|------------------------|-------------------|-------------------|
| Cable size (S)                                        |                           | Total cable length (L) |                   |                   |
| AWG                                                   | mm <sup>2</sup>           | L ≤ 100 m              | 100 m < L ≤ 250 m | 250 m < L ≤ 500 m |
| 16                                                    | 1.25                      | 2                      | 2                 | 2                 |
| 18                                                    | 0.75<br>(1.25 > S ≥ 0.75) | 2                      | 2                 | 2                 |
| 20                                                    | 0.5<br>(0.75 > S ≥ 0.5)   | 2                      | 2                 | 2                 |
| 22                                                    | 0.3<br>(0.5 > S ≥ 0.3)    | 2                      | 1                 | 1                 |

| When using UTY-RVRY only |                           |                        |          |
|--------------------------|---------------------------|------------------------|----------|
| Cable size (S)           |                           | Total cable length (L) |          |
| AWG                      | mm <sup>2</sup>           | L ≤ 70 m               | 70 m < L |
| 16                       | 1.25                      | 1                      | —        |
| 18                       | 0.75<br>(1.25 > S ≥ 0.75) | 1                      | —        |
| 20                       | 0.5<br>(0.75 > S ≥ 0.5)   | 1                      | —        |
| 22                       | 0.3<br>(0.5 > S ≥ 0.3)    | 1                      | —        |

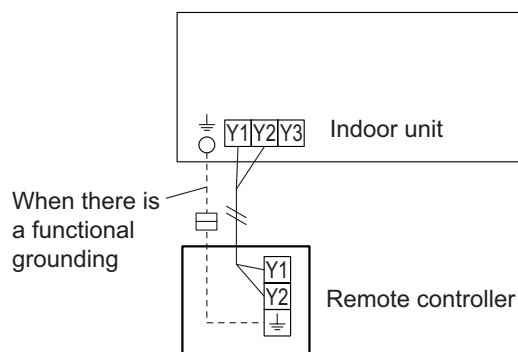
| When a combination use of UTY-RVRY and the remote controller other than UTY-RVRY |                           |                        |                     |          |                     |
|----------------------------------------------------------------------------------|---------------------------|------------------------|---------------------|----------|---------------------|
| Cable size (S)                                                                   |                           | Total cable length (L) |                     |          |                     |
| AWG                                                                              | mm <sup>2</sup>           | L ≤ 70 m               |                     | 70 m < L |                     |
|                                                                                  |                           | UTY-RVRY               | Other than UTY-RVRY | UTY-RVRY | Other than UTY-RVRY |
| 16                                                                               | 1.25                      | 1                      | 1                   | —        | —                   |
| 18                                                                               | 0.75<br>(1.25 > S ≥ 0.75) | 1                      | 1                   | —        | —                   |
| 20                                                                               | 0.5<br>(0.75 > S ≥ 0.5)   | 1                      | 1                   | —        | —                   |
| 22                                                                               | 0.3<br>(0.5 > S ≥ 0.3)    | 1                      | 1                   | —        | —                   |

**NOTE:** A junction box might be necessary depending on the number of the connected remote controller, wiring conditions between the indoor unit and the remote controller, and so on. .

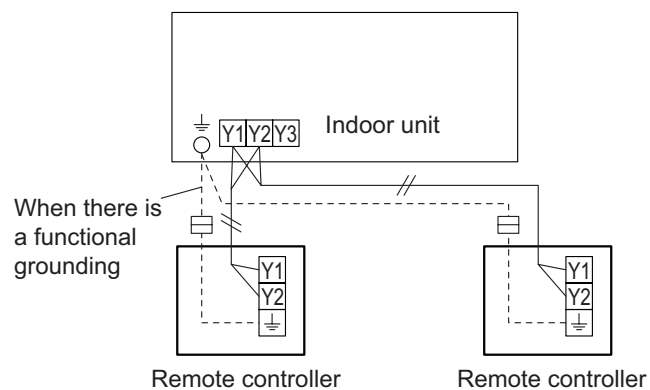


## ■ Electrical wiring

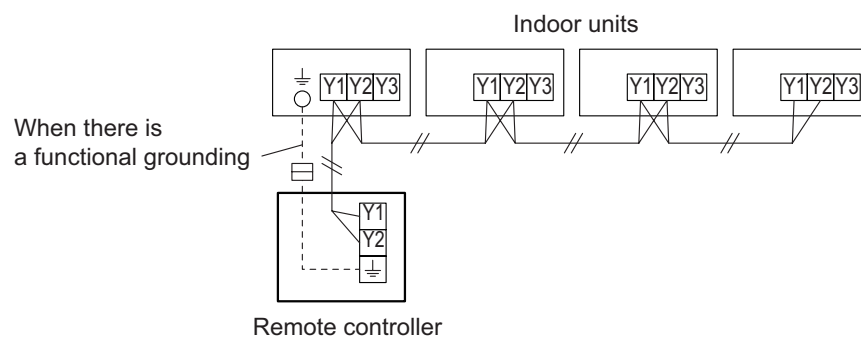
### 1 remote controller:



### 2 remote controllers:

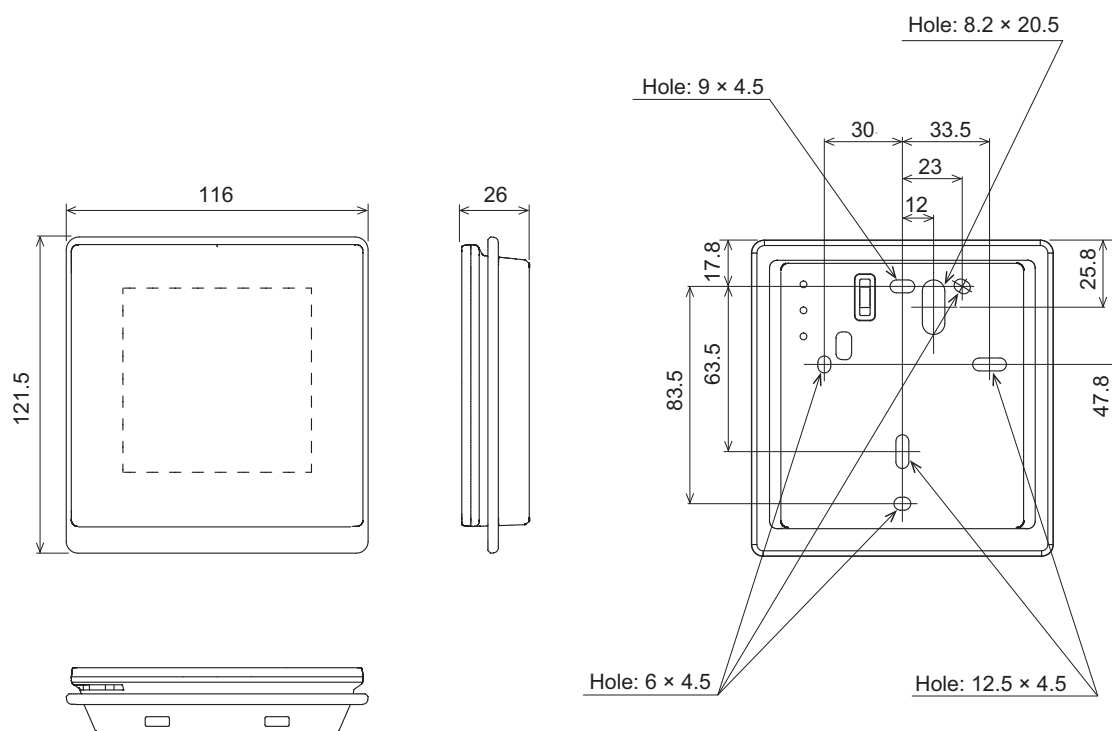


### Group control:



## ■ Dimensions

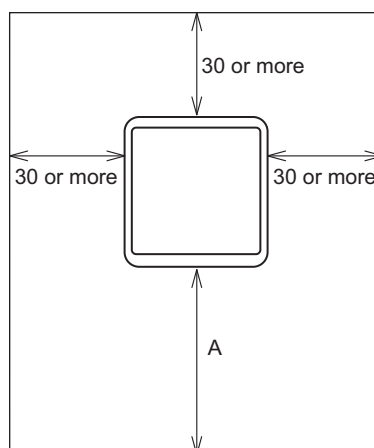
Unit: mm



## ■ Installation space

- This product cannot be installed in a wall.
- Even when you install a remote controller to one of a switch box and the surface of a wall, secure the space shown in following figure. When there is insufficient space, there may be remote controller sensor misdetections and remote controller may be difficult.

Unit: mm



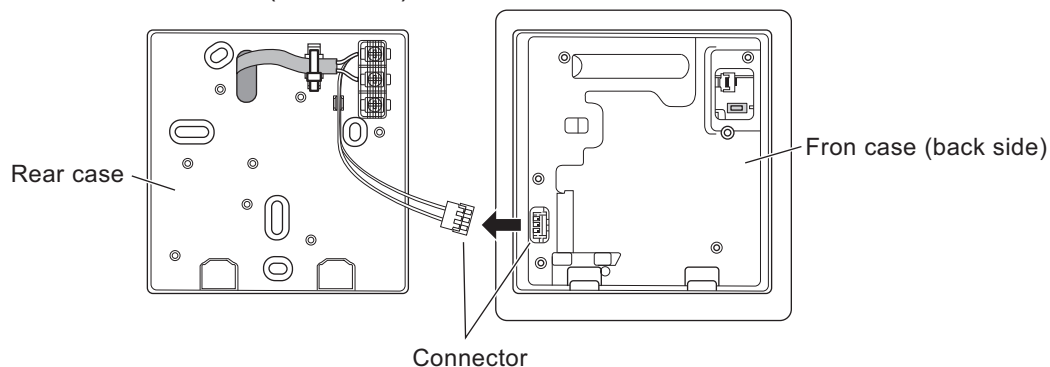
A: Secure enough space where a flat-blade screwdriver to take off a case can be inserted.

## ■ Installation

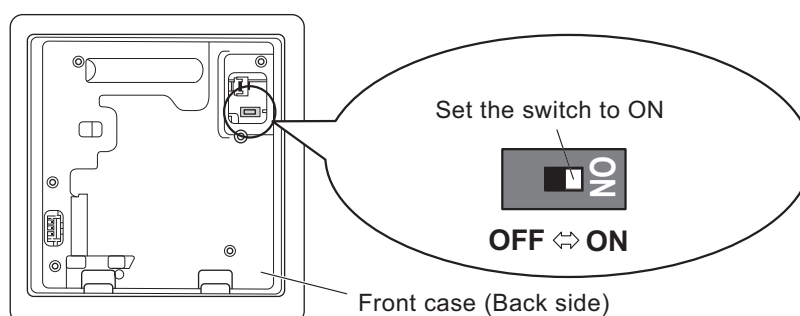
For details of installation, refer to the *INSTALLATION MANUAL* for this product.

### • Connector removal

Open the front case and remove the connector of the remote controller cable from the connector of the PCB on the front case (back side).



### • Switch setting



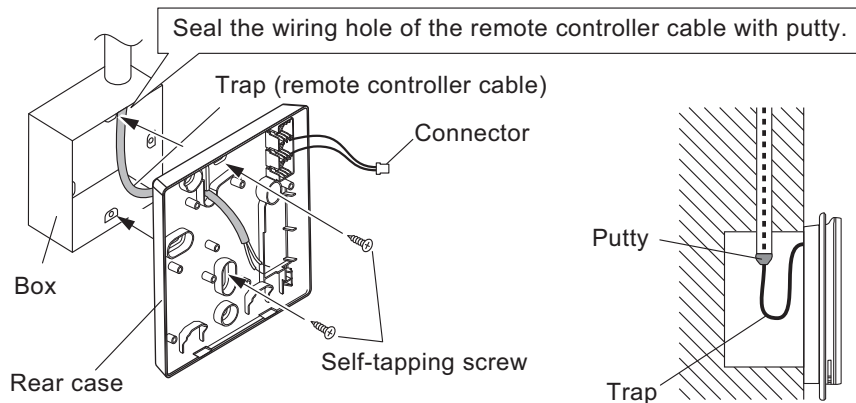
The switch performs the enabling/disabling of the backup function by the internal battery. Before using this product, always set the switch to ON.

### NOTES:

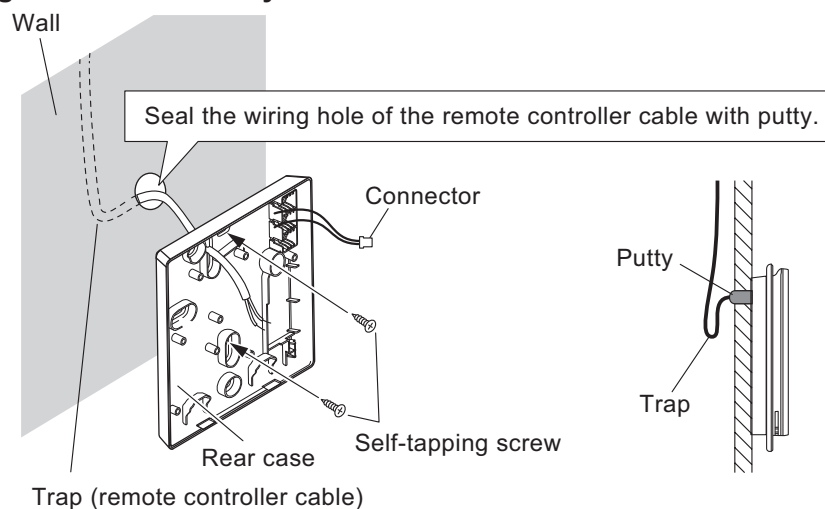
- When the power is turned on without setting the switch to ON, the set data by menu operation is erased and cause erroneous operation.
- The switch is set to OFF when shipped from the factory to prevent consumption of the charge.

- **Rear case installation**

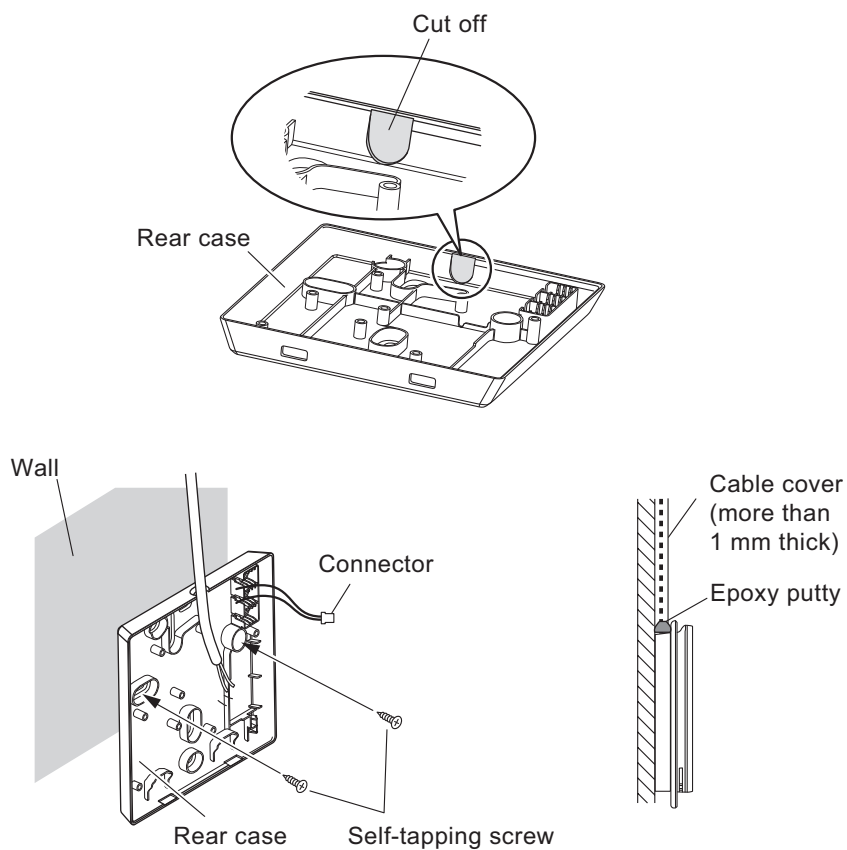
- **When attaching to switch box:**



- **When attaching to the wall directly:**

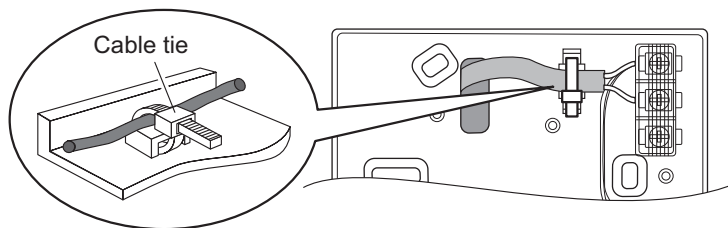


- **When routing the cable on-wall:**

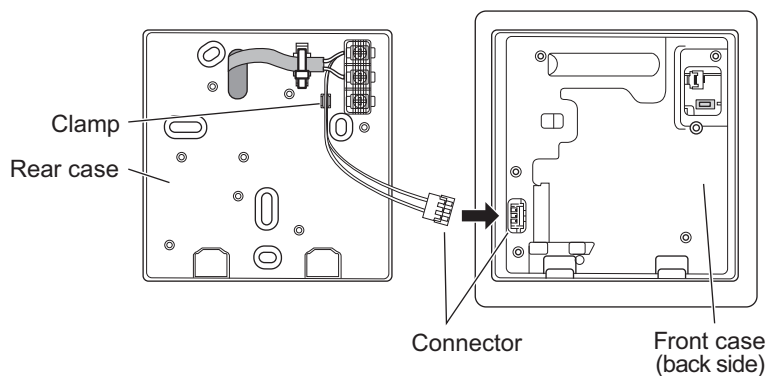


### • Remote controller cable connection

- Fasten the outside covering of the connection cable with the cable tie.



- Connect the connector of the remote controller cable to the connector of the PCB on the front case (back side).



### ⚠ CAUTION

- Strip length must be specified dimension.
- Insert the cable deeply into the terminal.
- After the cable is inserted, check that the cable is not pulled out.
- Select a flexible cable that does not break the cable sheath even if you bind it with a cable tie around the cable sheath.
- Be careful to avoid breaking the cable by over-tightening the cable tie.

## ■ Specifications

|                           |    |                                                     |
|---------------------------|----|-----------------------------------------------------|
| Input voltage             | V  | DC 12                                               |
| Power consumption         | W  | Max. 1.0                                            |
| Display                   |    | 4-inch TFT LCD (480 × 480 pixels) with touch screen |
| Usage temperature range   | °C | 0 to 40                                             |
| Usage humidity range      | %  | 20 to 90 (no condensation)                          |
| Storage temperature range | °C | -10 to 60                                           |
| Storage humidity range    | %  | 20 to 90 (no condensation)                          |
| Dimensions<br>(H × W × D) | mm | 121.5 × 116 × 26                                    |
| Weight                    | g  | 225                                                 |

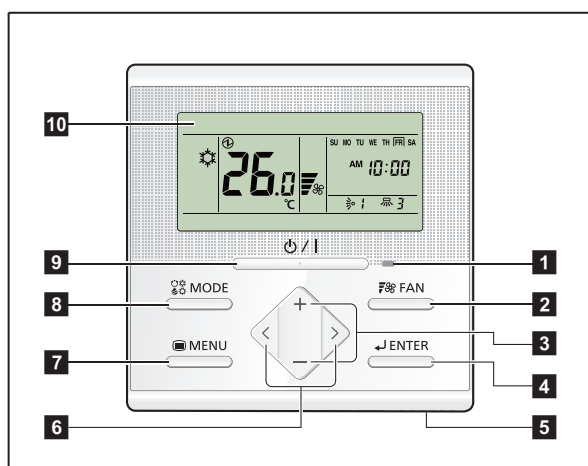
## ● Wiring specifications

| Use                     | Cable size                                     | Wire type        | Remarks                         |
|-------------------------|------------------------------------------------|------------------|---------------------------------|
| Remote controller cable | 0.33 to 1.25 mm <sup>2</sup><br>(22 to 16 AWG) | Non polar 2-core | Use sheathed twist pair cable.* |

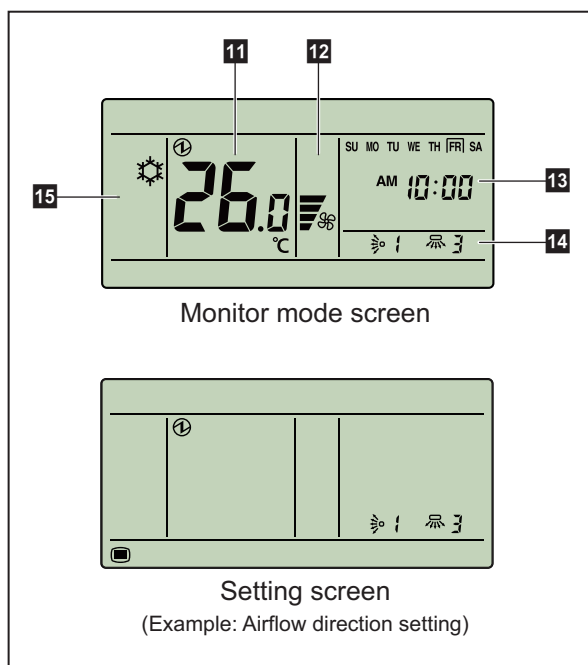
\*: Use shielded cable (locally purchased) in accordance with the regional cable standard.

## 14-9. Wired remote controller (UTY-RLRY: Optional part)

### Overview



Display panel



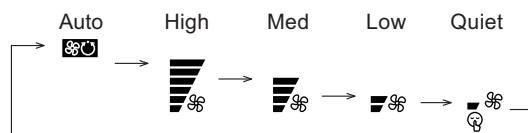
**NOTE:** For individual icons in Setting screen and related functions, refer to the operation manual.

#### 1 LED lamp (Operation indicator)

Lights while the indoor unit is operating. Blinks when an error occurred.

#### 2 FAN button

Each time the button is pressed, fan speed switches as follows:



#### 3 +, - buttons (Set temperature buttons)

Used to adjust temperature in Monitor mode screen.

+ button: Raise

- button: Lower

In Setting screen, used to select the setting items.

**NOTE:** When the operation mode is set to FAN, the temperature cannot be adjusted.

#### 4 ENTER button

Used to enter setting items and settings.

#### 5 Room temperature sensor (inside)

Senses ambient temperature of unit.

#### 6 <, > buttons

Used to select setting items during the setting item selection screen is displayed.

#### 7 MENU button

Used to display the setting item selection screen.

#### 8 MODE button

Each time the button is pressed, operation mode switches as follows:



#### 9 On/Off button

Starts or stops the operation.

**NOTE:** On/Off button cannot be operated at screens other than the Monitor mode screen.

#### 10 Display panel

Displays Monitor mode screen or Setting screen. Monitor mode screen is home screen of this controller, and the basic operation is performed in this screen. In Setting screen, several settings are adjustable.

#### 11 Temperature indicator

#### 12 Fan speed indicator

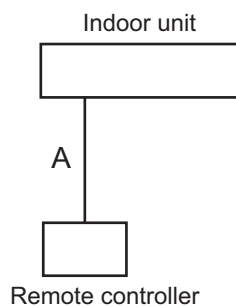
#### 13 Clock indicator

#### 14 Airflow direction indicator

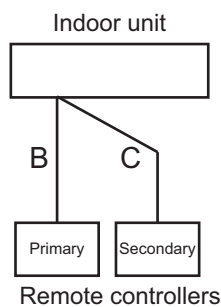
#### 15 Operation mode indicator

## System diagram

1 remote controller:



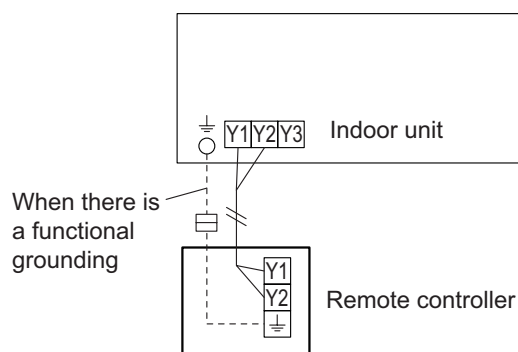
2 remote controllers:



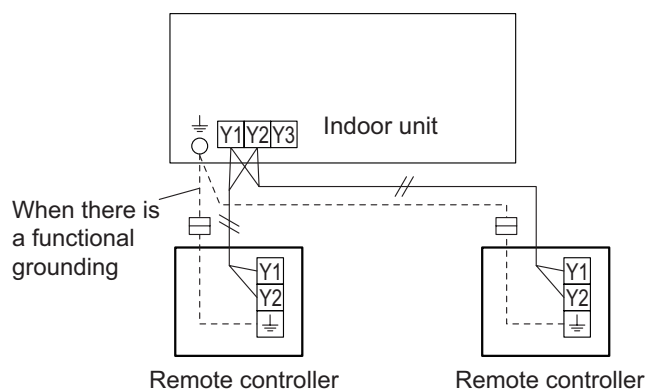
A, B, C: Remote controller cable  
 $A \leq 500 \text{ m}$ ;  $B + C \leq 500 \text{ m}$

## Electrical wiring

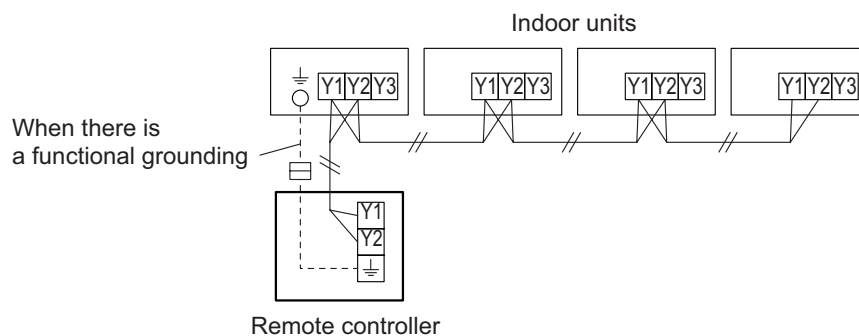
1 remote controller:



2 remote controllers:



Group control:

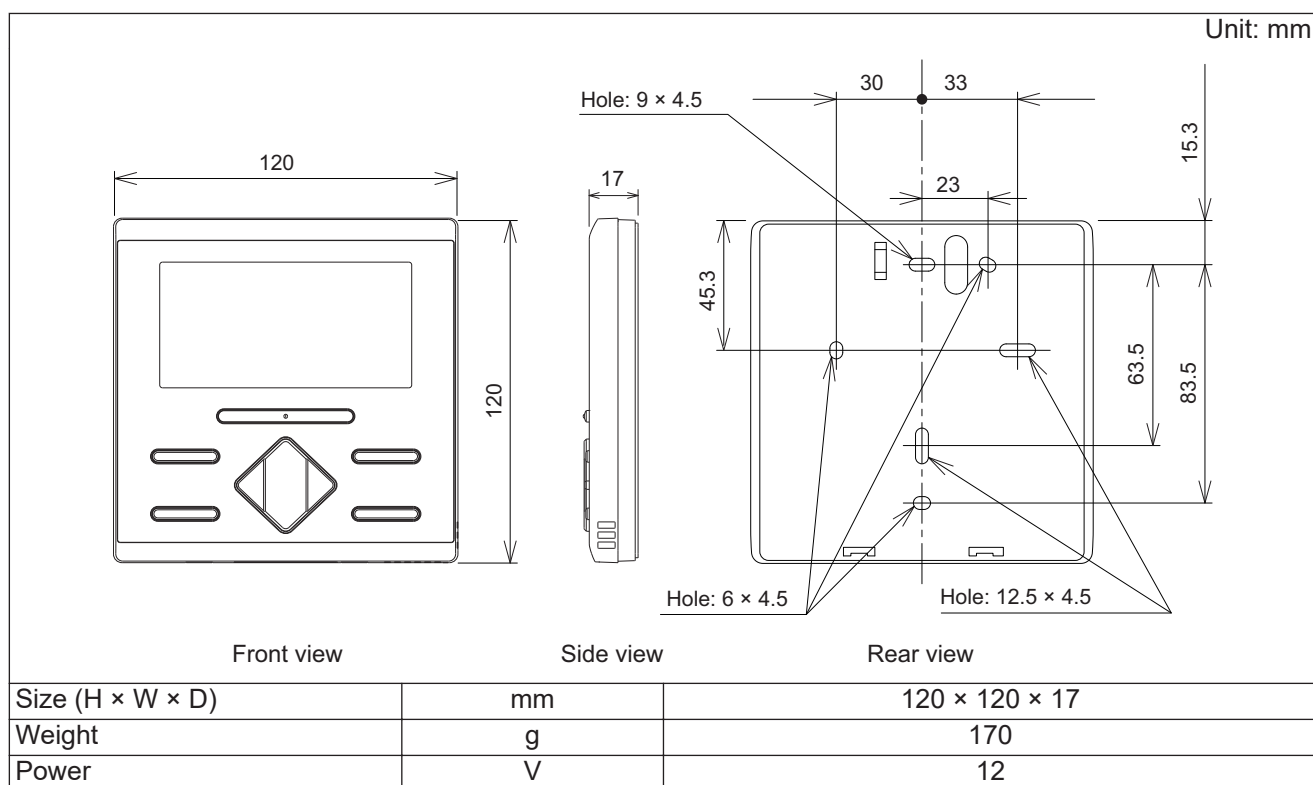


**NOTE:** Group connection with Polar 3-wired remote controller is not allowed.



## Specifications

Dimensions and other specifications on the wired remote controller are as follows.

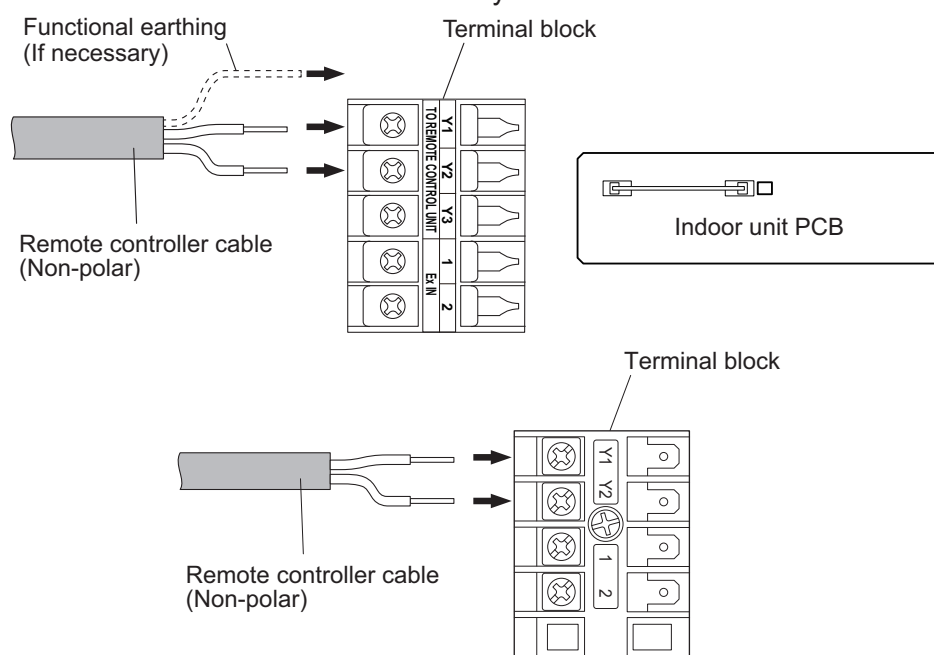


## Wiring specifications

| Use                     | Cable size                   | Wire type                         | Remarks                 |
|-------------------------|------------------------------|-----------------------------------|-------------------------|
| Remote controller cable | 0.33 to 1.25 mm <sup>2</sup> | Non-polar 2-core,<br>Twisted pair | Use sheathed PVC cable. |

## Installation

Connect the end of remote controller cable directly to the exclusive terminal block.

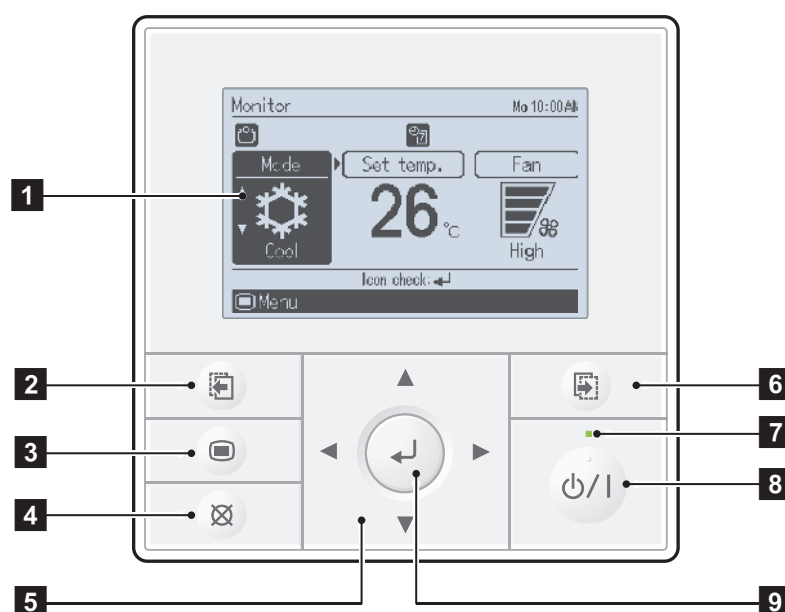


**NOTES:**

- The detailed shape and the layout of the terminal block and the PCB vary depending on the indoor unit type.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

## 14-10. Wired remote controller (UTY-RVNYM: Optional part)

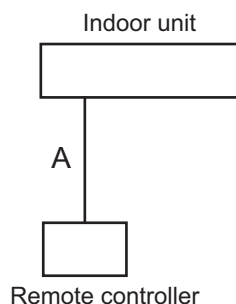
### ■ Overview



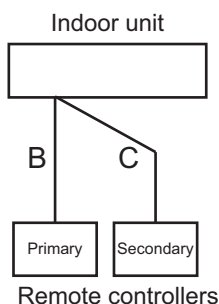
- 1** Display panel (with backlight)
- 2** Screen switch button (Left)
- 3** Menu button
- 4** Cancel button
- 5** Cursor button
- 6** Screen switch button (Right)
- 7** Power indicator
- 8** On/off button
- 9** Enter button

## System diagram

1 remote controller:



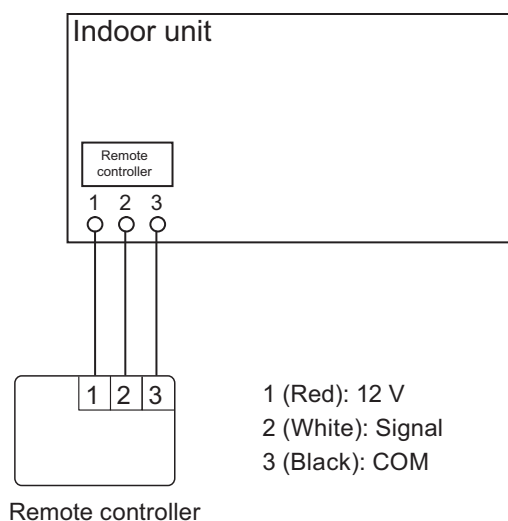
2 remote controllers:



A, B, C: Remote controller cable  
 $A \leq 500 \text{ m}$ ;  $B + C \leq 500 \text{ m}$

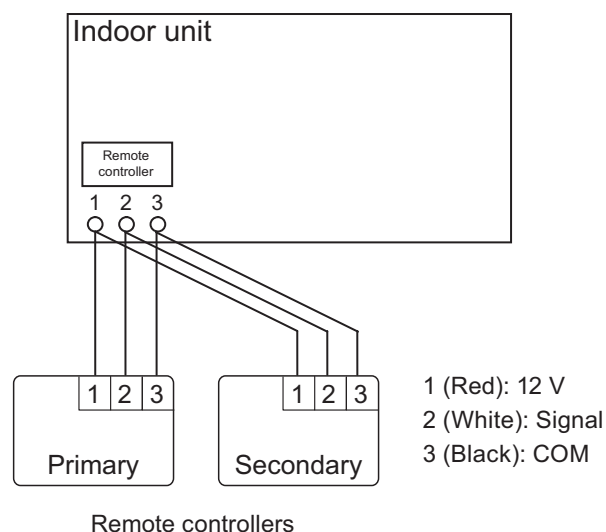
## Electrical wiring

1 remote controller:



1 (Red): 12 V  
 2 (White): Signal  
 3 (Black): COM

2 remote controllers:

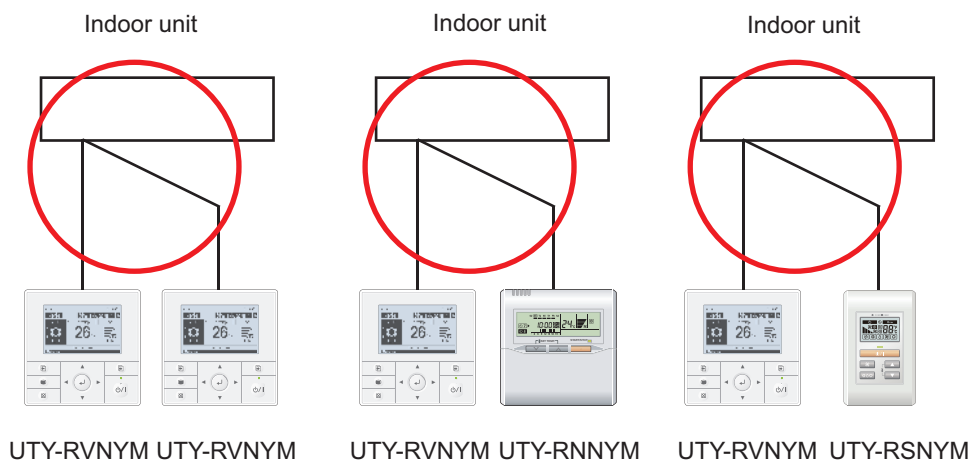


1 (Red): 12 V  
 2 (White): Signal  
 3 (Black): COM

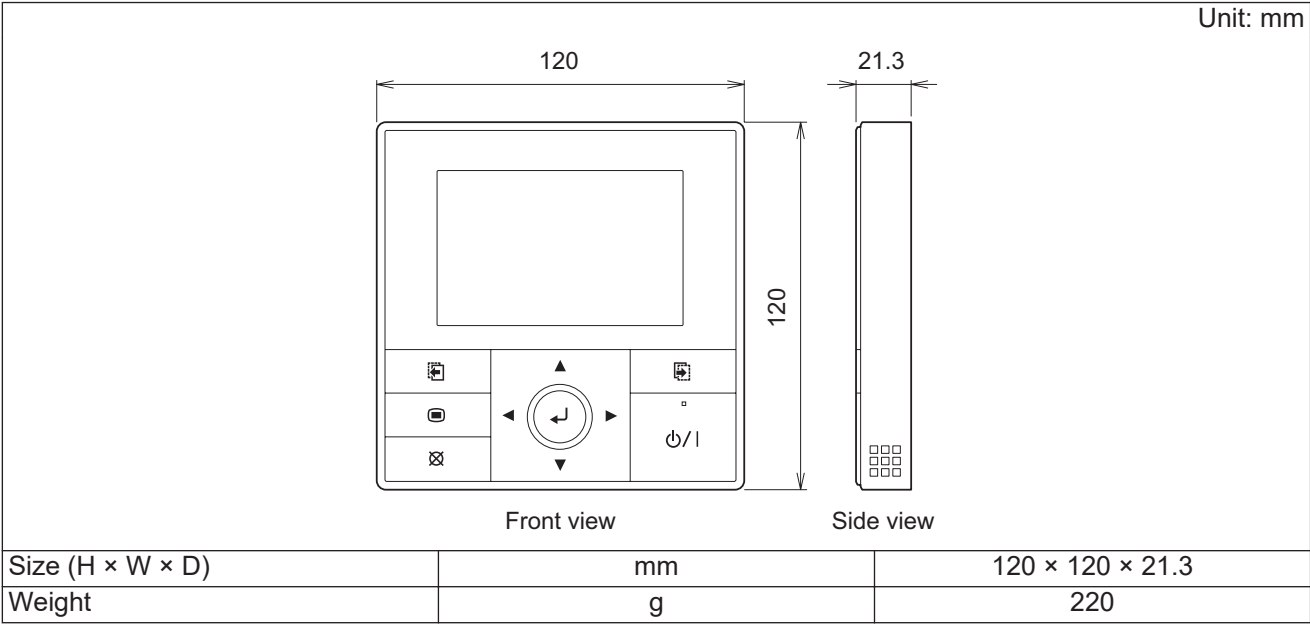
## Controller combination

As for the combined usage of the controller, refer to following figures.

### Good



■ Specifications

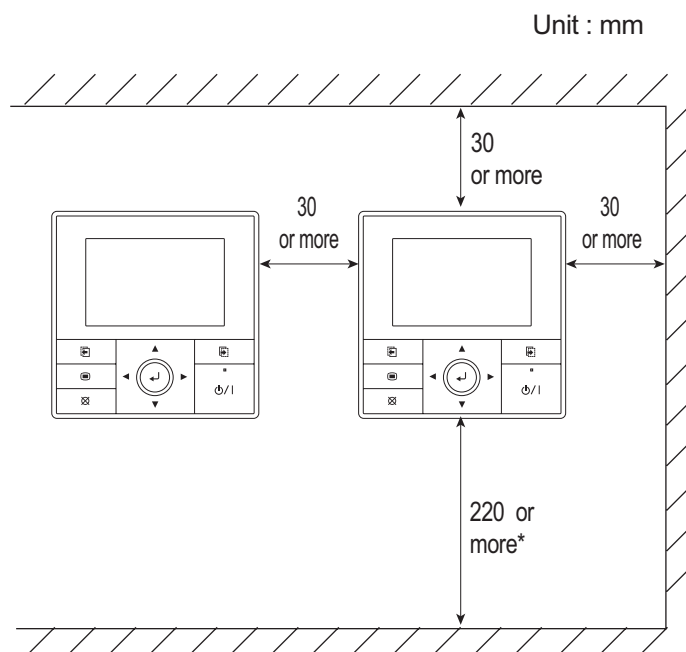


● Wiring specifications

| Use                     | Cable size           | Wire type    | Remarks                 |
|-------------------------|----------------------|--------------|-------------------------|
| Remote controller cable | 0.33 mm <sup>2</sup> | Polar 3 core | Use sheathed PVC cable. |

## ■ Installation (Remote control main unit)

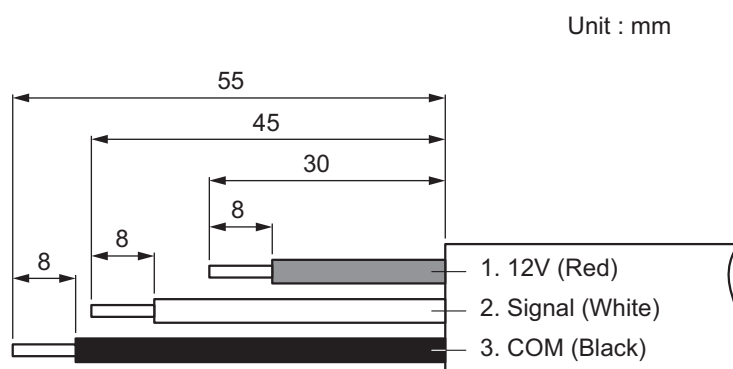
### Installation space:



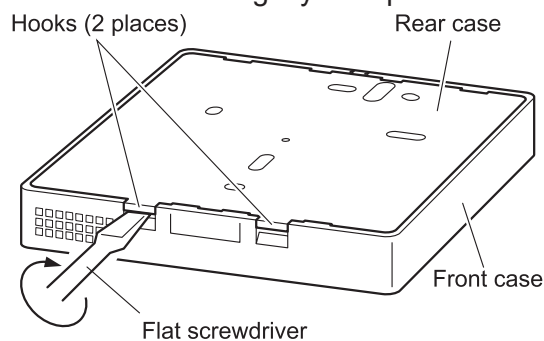
**NOTE:** Secure enough space where a flat-blade screwdriver to remove the case can be inserted.

### Installation procedures:

1. Process the remote controller cable.



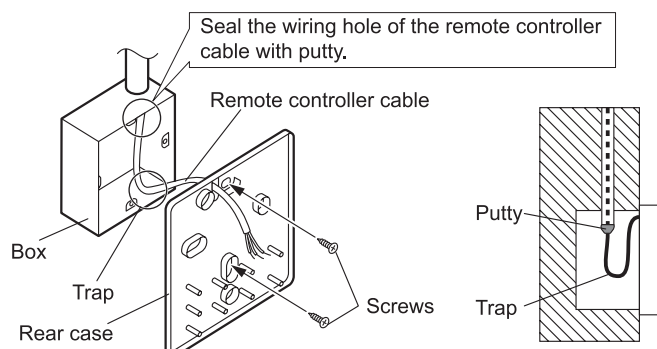
2. Insert the flat-blade screwdriver and twist it slightly to separate the front case and rear case.



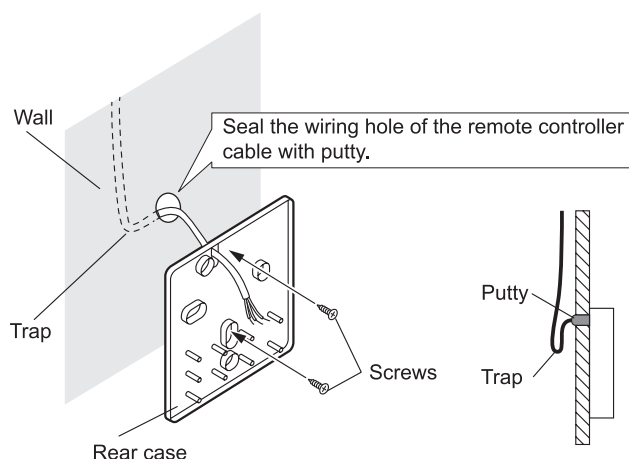
## 3. Attach the remote controller.

• **When attaching to switch box:**

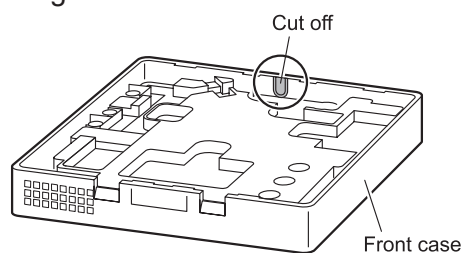
- Seal the wiring hole of the remote controller cable.
- Put a remote controller cable through the hole of the rear case.
- Fix the rear case by securing it with attached screws (2 places).

• **When attaching to the wall directly:**

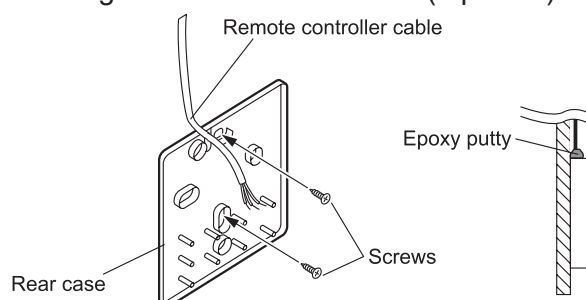
- Seal the wiring hole of the remote controller cable.
- Put a remote controller cable through the back hole of the rear case of the main body.
- Fix the rear case by securing it with attached screws (2 places).

• **When routing the cable on-wall:**

- Cut off the cable guide of the front case with using a knife or a nipper.
- Deburr the edge of the cable guide.

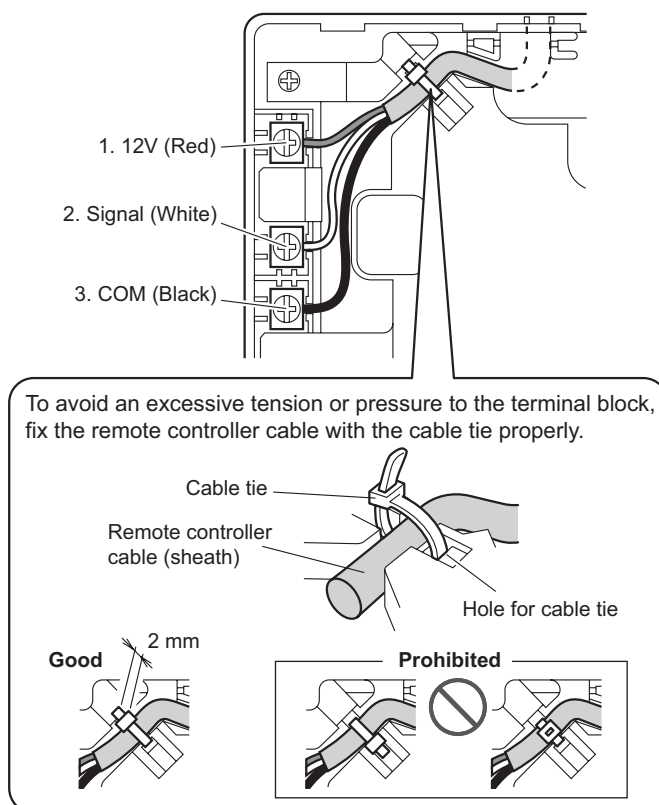


- Fix the rear case by securing it with attached screws (2 places).



4. Connect the cable to the terminals on the front case.  
Fix the cable together with the sheath with the cable tie. Cut off the excess cable tie.

| Tightening torque |                |
|-------------------|----------------|
| Terminal screw    | 0.8 to 1.2 N·m |

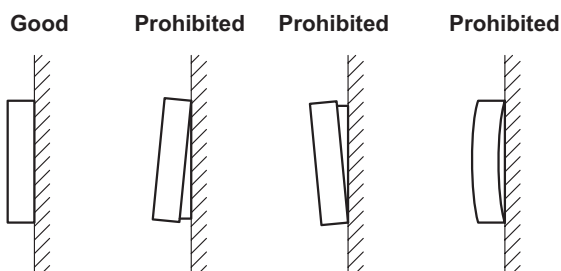
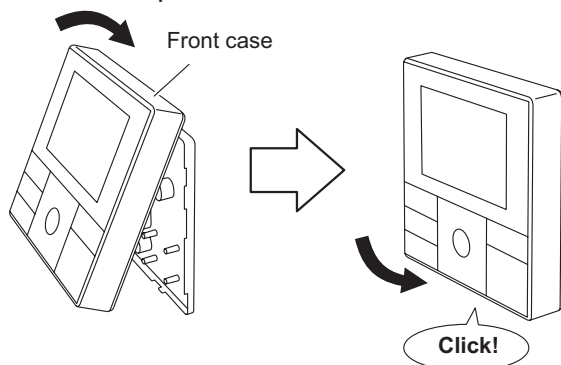


#### ⚠ CAUTION

- Be careful to avoid breaking the cable by over-tightening the cable tie.
- When connecting the remote controller cables, do not over-tighten the screws.



5. Attach the front case.
  - Insert after adjusting upper part of front case.
  - When insert the front case, do not pinch the cable.



### **⚠ CAUTION**

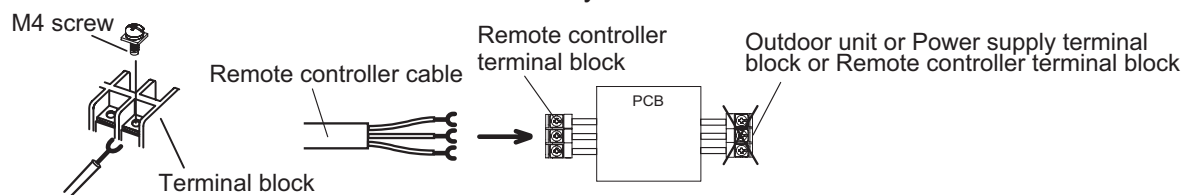
Insert the upper case firmly. If improperly attached, it will cause the upper case to fall off.

## ■ Installation

Connection pattern of wired remote controller varies by the type of the connected indoor unit.

### ● When connecting to terminal block (for Compact cassette, Slim duct, and Mini duct types)

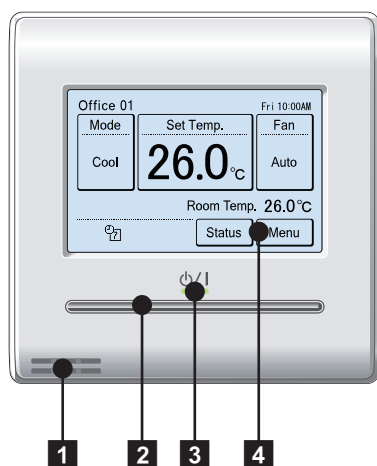
Connect the end of remote controller cable directly to the exclusive terminal block.



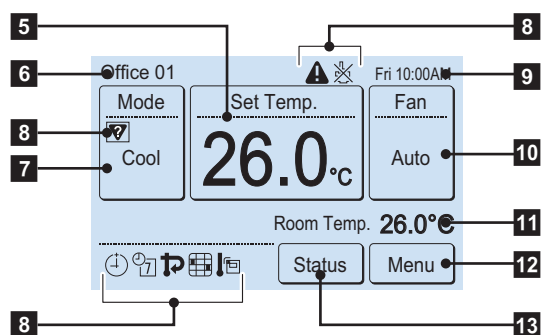
**NOTE:** It may be failed if it is connected to the outdoor unit or the terminal block for power supply.

## 14-11. Wired remote controller (UTY-RNRYZ\*: Optional part)

### Overview



Display panel



#### 1 Remote temperature sensor (inside)

#### 2 On/off button

Operable only while displaying the "Monitor mode" screen.

#### 3 LED lamp (operation indicator)

#### 4 Touch panel display

#### 5 Set temperature

Operating temperature can be set.

#### 6 Remote controller group name

#### 7 Mode

Operation mode can be set.

#### 8 Status icons

#### 9 Clock

#### 10 Fan

Fan speed can be set.

#### 11 Room temperature

#### 12 Menu

Various settings can be set.

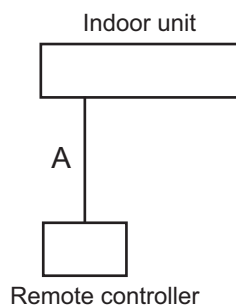
#### 13 Status

Status of the indoor unit and error can be checked.

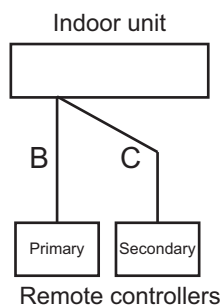
**NOTE:** Functions may differ by type of the indoor unit. For details, refer to the operation manual.

## System diagram

1 remote controller:



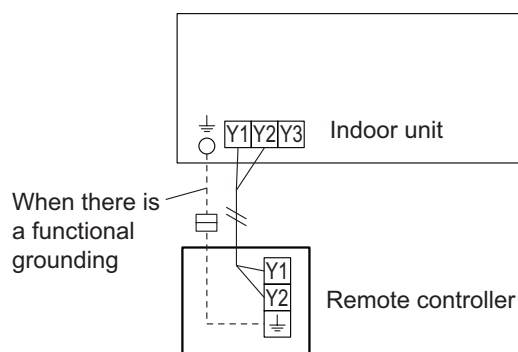
2 remote controllers:



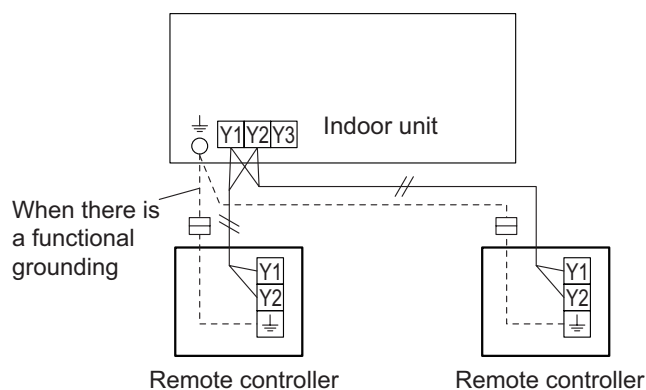
A, B, C: Remote controller cable  
 $A \leq 500 \text{ m}; B + C \leq 500 \text{ m}$

## Electrical wiring

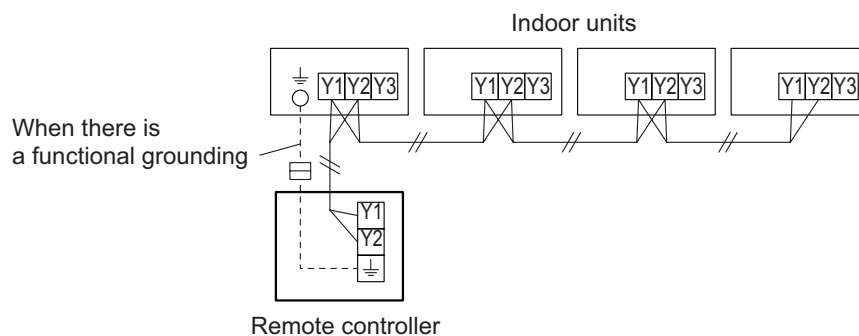
1 remote controller:



2 remote controllers:



Group control:

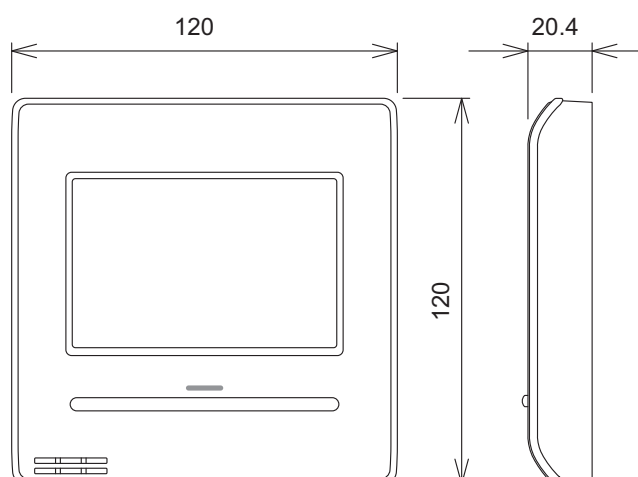


**NOTE:** Group connection with Polar 3-wired remote controller is not allowed.

## Specifications

Dimensions and other specifications on the wired remote controller are as follows.

Unit: mm



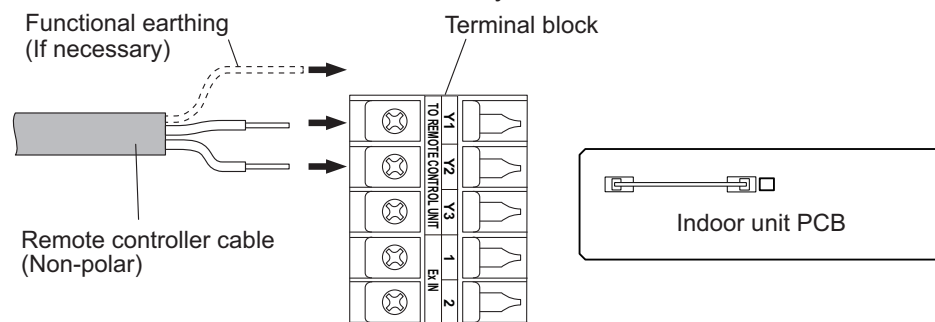
|                           |                                                     |                            |
|---------------------------|-----------------------------------------------------|----------------------------|
| Model name                | UTY-RNRYZ*                                          |                            |
| Display                   | 3.8-inch FSTN LCD (255 × 160 dots) with touch panel |                            |
| Dimensions (H × W × D)    | mm                                                  | 120 × 120 × 20.4           |
| Weight                    | g                                                   | 220                        |
| Input voltage             | V                                                   | DC 12                      |
| Power consumption         | W                                                   | Max. 0.3                   |
| Usage temperature range   | °C                                                  | 0 to 40                    |
| Usage humidity range      | %                                                   | 20 to 90 (no condensation) |
| Storage temperature range | °C                                                  | -10 to 60                  |
| Storage humidity range    | %                                                   | 20 to 90 (no condensation) |

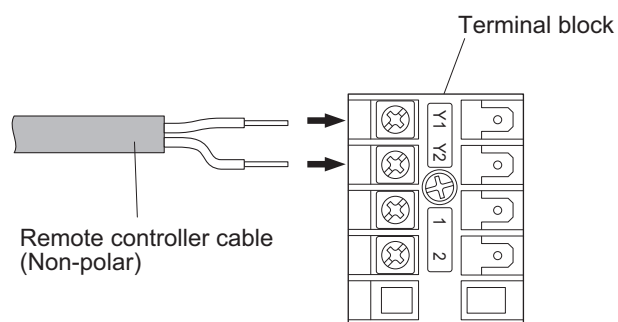
## Wiring specifications

| Use                     | Cable size                   | Wire type                         | Remarks                 |
|-------------------------|------------------------------|-----------------------------------|-------------------------|
| Remote controller cable | 0.33 to 1.25 mm <sup>2</sup> | Non-polar 2-core,<br>Twisted pair | Use sheathed PVC cable. |

## Installation

Connect the end of remote controller cable directly to the exclusive terminal block.

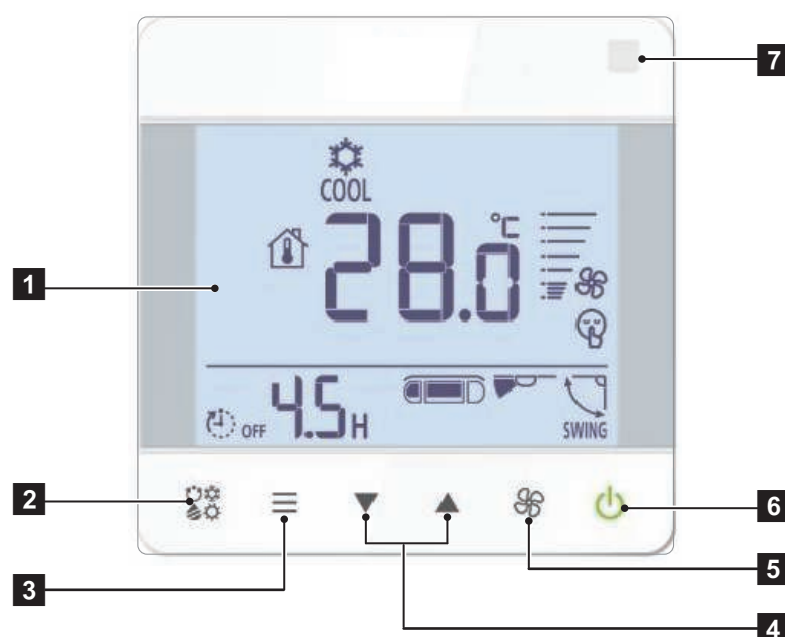


**NOTES:**

- The detailed shape and the layout of the terminal block and the PCB vary depending on the indoor unit type.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

## 14-12. Wired remote controller (UTY-RCRYZ1: Optional part)

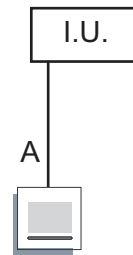
### ■ Overview



- 1** Display panel
- 2** MODE button
- 3** Menu button
- 4** ▼, ▲ buttons (Set temperature buttons)
- 5** FAN button
- 6** On/off button
- 7** Wireless remote controller signal receiving section

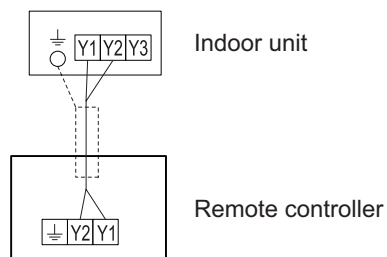
## ■ System diagrams

- Single remote control



Remote controller cable  
A ≤ 500 m

## ■ Electrical wiring



## Specifications

|                  |    |              |          |
|------------------|----|--------------|----------|
|                  |    |              | Unit: mm |
| Size (H × W × D) | mm | 86 × 86 × 32 |          |
| Weight           | g  | 135          |          |

## Wiring specifications

| Use                     | Cable size                                     | Wire type        | Remarks                         |
|-------------------------|------------------------------------------------|------------------|---------------------------------|
| Remote controller cable | 0.33 to 1.25 mm <sup>2</sup><br>(22 to 16 AWG) | Non polar 2-core | Use sheathed twist pair cable.* |

\*: Use shielded cable (locally purchased) in accordance with the regional cable standard.

## Installation

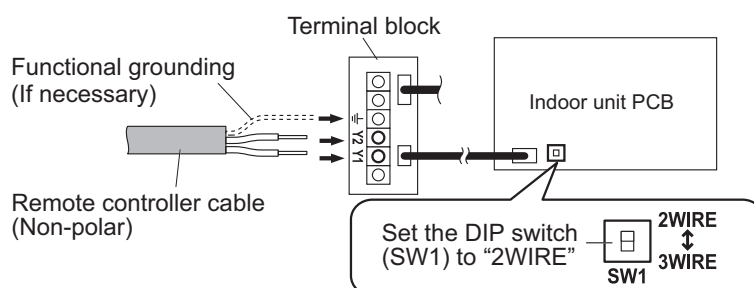
### Connection pattern

**NOTE:** Connection pattern is different according to type of Indoor unit.

| Indoor unit type   | Connection pattern |
|--------------------|--------------------|
| All cassette type  | Pattern A          |
| All duct type      | Pattern A          |
| Compact floor type | Pattern A          |
| Wall mounted type  | Pattern B          |

### Pattern A

1. Connect the end of remote controller cable directly to the exclusive terminal block.
2. Set the DIP switch (SW1) to "2WIRE" on the PCB of the indoor unit.



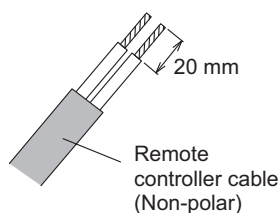
### NOTES:

- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

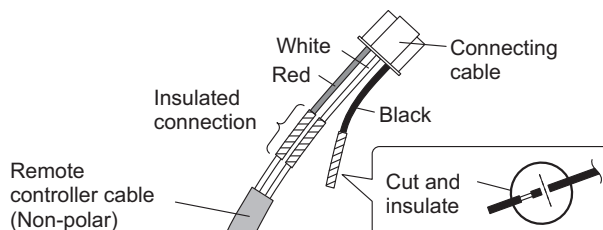


### • Pattern B

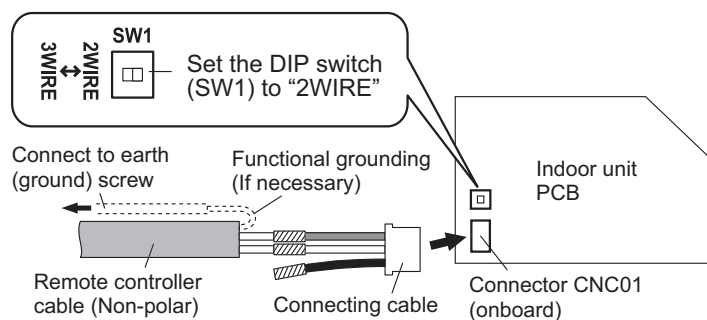
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



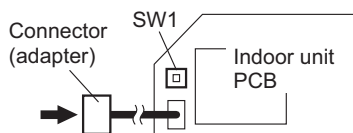
2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.



3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to "2WIRE" on the PCB of the indoor unit.

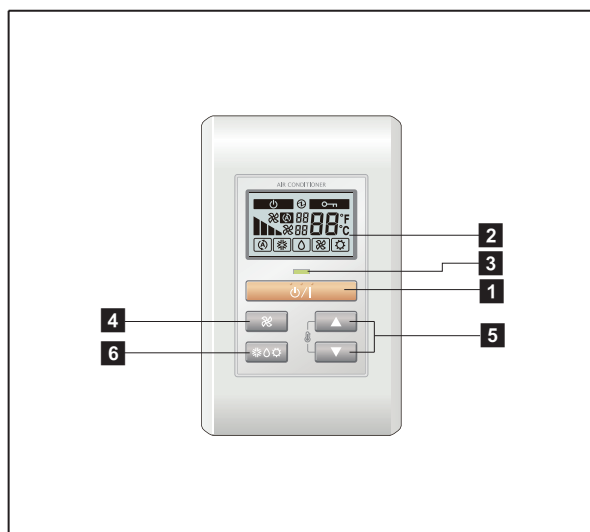


**NOTE:** Layout of terminal block and PCB is varies depending on the type of indoor unit.

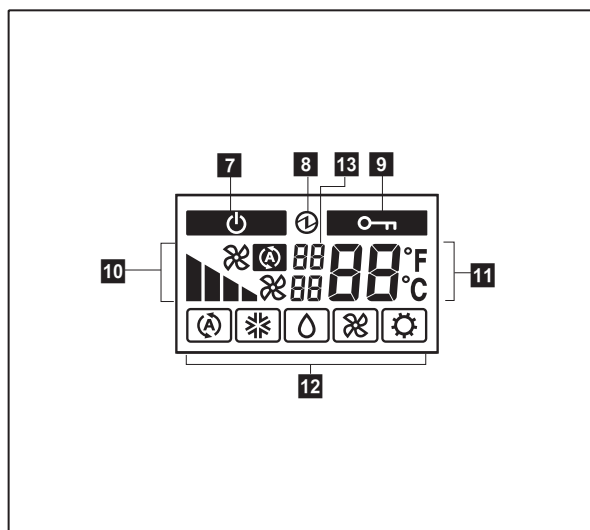


# 14-13. Simple remote controller (UTY-RSNYM: Optional part)

## Overview



Display panel



### 1 START/STOP button

Starts and stops operation.

### 2 Display backlight button

Lights during operation.

### 3 Operation lamp

Lights during operation.

### 4 FAN button

Selects the fan speed (AUTO , HIGH , MED , LOW , and QUIET .

### 5 SET TEMP. button

Selects the setting temperature.

### 6 MODE button

Selects the operating mode (AUTO , COOL , DRY , FAN , HEAT .

### 7 Standby indicator

Indicates during the oil recovery and defrosting operation.

### 8 Power source indicator

Indicates the main power is on.

### 9 Central control indicator

Indicates when function is locked.

### 10 Fan speed indicator

Deletes the weekly timer schedule.

### 11 Set temperature

- Indicates error history number in error code history display mode.
- Indicates indoor unit address in address display mode.

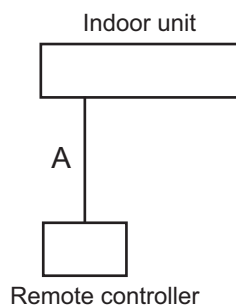
### 12 Operating mode indicator

### 13 Indicator

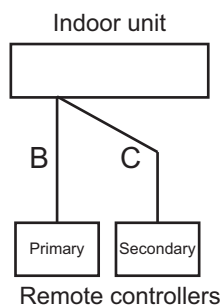
- Upper:
  - Indicates the error code in error code history display mode and in self diagnosis mode.
  - Indicates the refrigerant system address in address display mode.
- Lower: Indicates the remote controller address in error code history display mode, address display mode, and self diagnosis mode.

## ■ System diagram

### 1 remote controller:



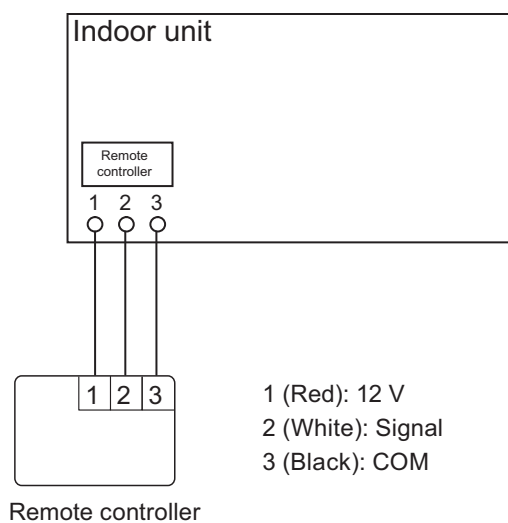
### 2 remote controllers:



A, B, C: Remote controller cable  
 $A \leq 500 \text{ m}$ ;  $B + C \leq 500 \text{ m}$

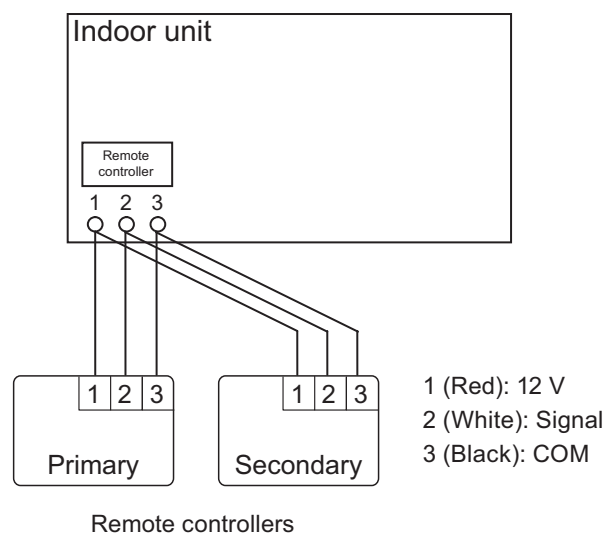
## ■ Electrical wiring

### 1 remote controller:



1 (Red): 12 V  
 2 (White): Signal  
 3 (Black): COM

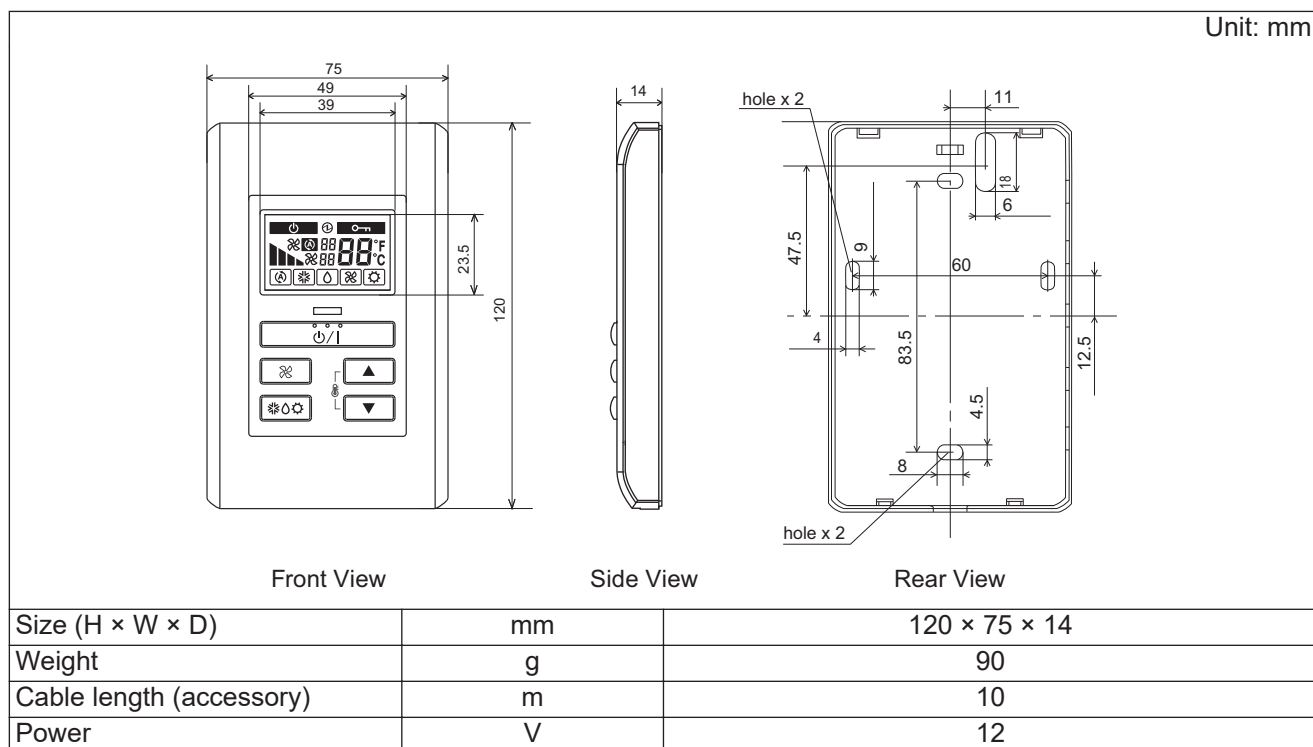
### 2 remote controllers:



1 (Red): 12 V  
 2 (White): Signal  
 3 (Black): COM

## Specifications

Dimensions and other specifications on the wired remote controller are as follows.



## Wiring specifications

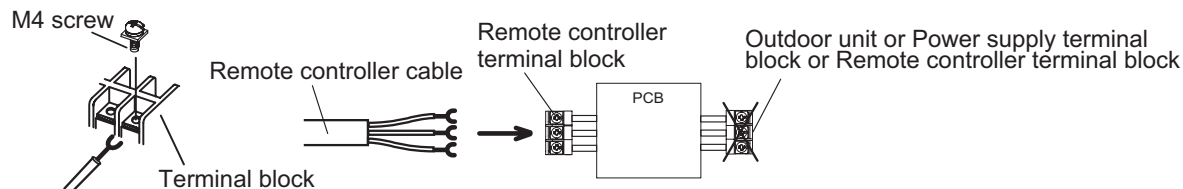
| Use                     | Size                 | Wire type    | Remarks                 |
|-------------------------|----------------------|--------------|-------------------------|
| Remote controller cable | 0.33 mm <sup>2</sup> | Polar 3 core | Use sheathed PVC cable. |

## Installation

Connection pattern of wired remote controller varies by the type of the connected indoor unit.

### When connecting to terminal block (for Compact cassette, Slim duct, and Mini duct types)

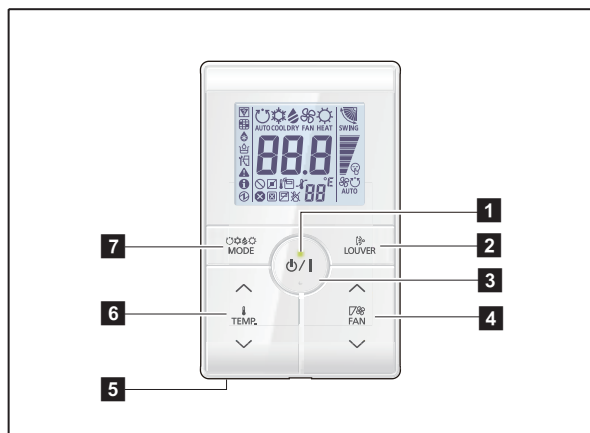
Connect the end of remote controller cable directly to the exclusive terminal block.



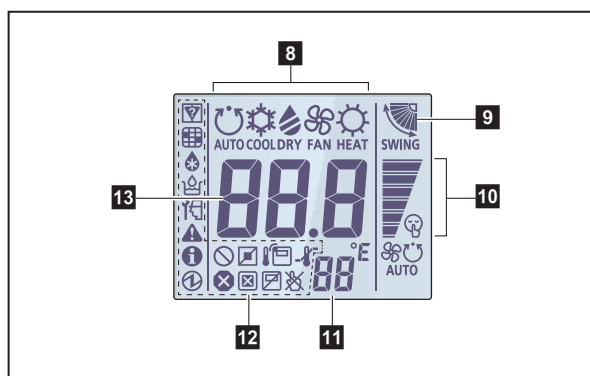
**NOTE:** It may be failed if it is connected to the outdoor unit or the terminal block for power supply.

# 14-14. Simple remote controller (UTY-RSRY and UTY-RHRY: Optional parts)

## Overview



Display panel



\*1: Available only for UTY-RSR\*.

\*2: Not available for a heat pump model unless it is set up as an administrative indoor unit.

\*3: Not available for a heat pump model.

\*4: Not available for a cooling-only model.

\*5: Set the function setting of the indoor unit accordingly.

\*6: During address display mode.

### 1 LED lamp

Lights during operation.

### 2 Louver button

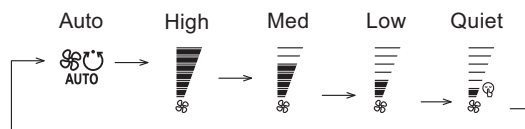
Adjusts the airflow direction.

### 3 START/STOP button

Starts and stops operation.

### 4 FAN control button

Switches the fan speed as follows:



### 5 Room temperature sensor (inside)

Senses ambient temperature of unit.

### 6 Set temperature button

Selects the setting temperature. (18—30 °C [COOL], 10—30 °C [HEAT])

### 7 Operation mode button\*1

Switches the operation mode as follows:



### 8 Operating mode indicator

### 9 Airflow direction indicator

### 10 FAN speed indicator

### 11 Remote controller address indicator

### 12 Status icons

Mode mismatch

Filter sign \*5

Defrost operation

Oil recovery operation

Under maintenance

Error

Special state

Conducting electricity

Emergency stop

Operation controlled

Forced stop

Remote controller sensor is enabled \*5

Central controlled

Setting temperature range is enabled

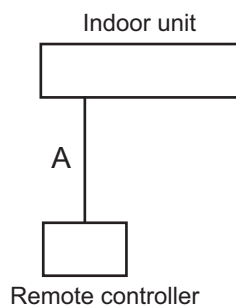
Operation prohibited

### 13 Set temperature

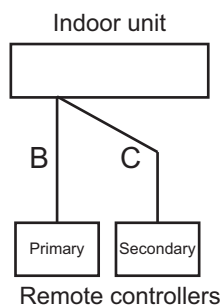
Indicates indoor unit address. \*6

## System diagram

1 remote controller:



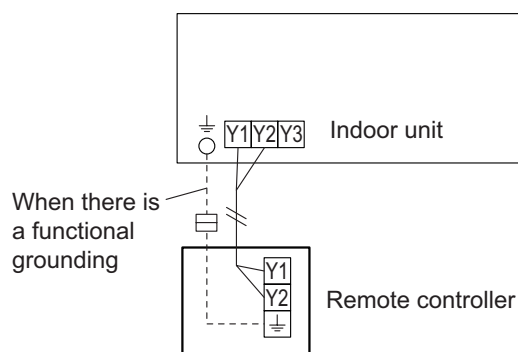
2 remote controllers:



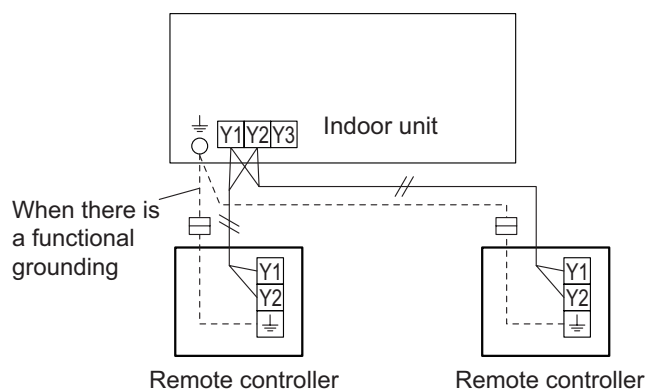
A, B, C: Remote controller cable  
 $A \leq 500 \text{ m}$ ;  $B + C \leq 500 \text{ m}$

## Electrical wiring

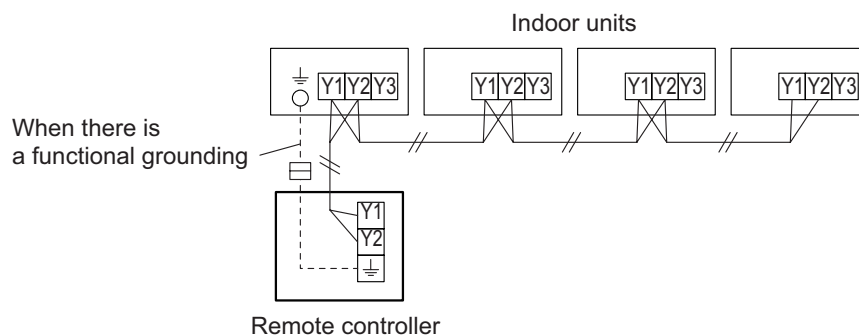
1 remote controller:



2 remote controllers:



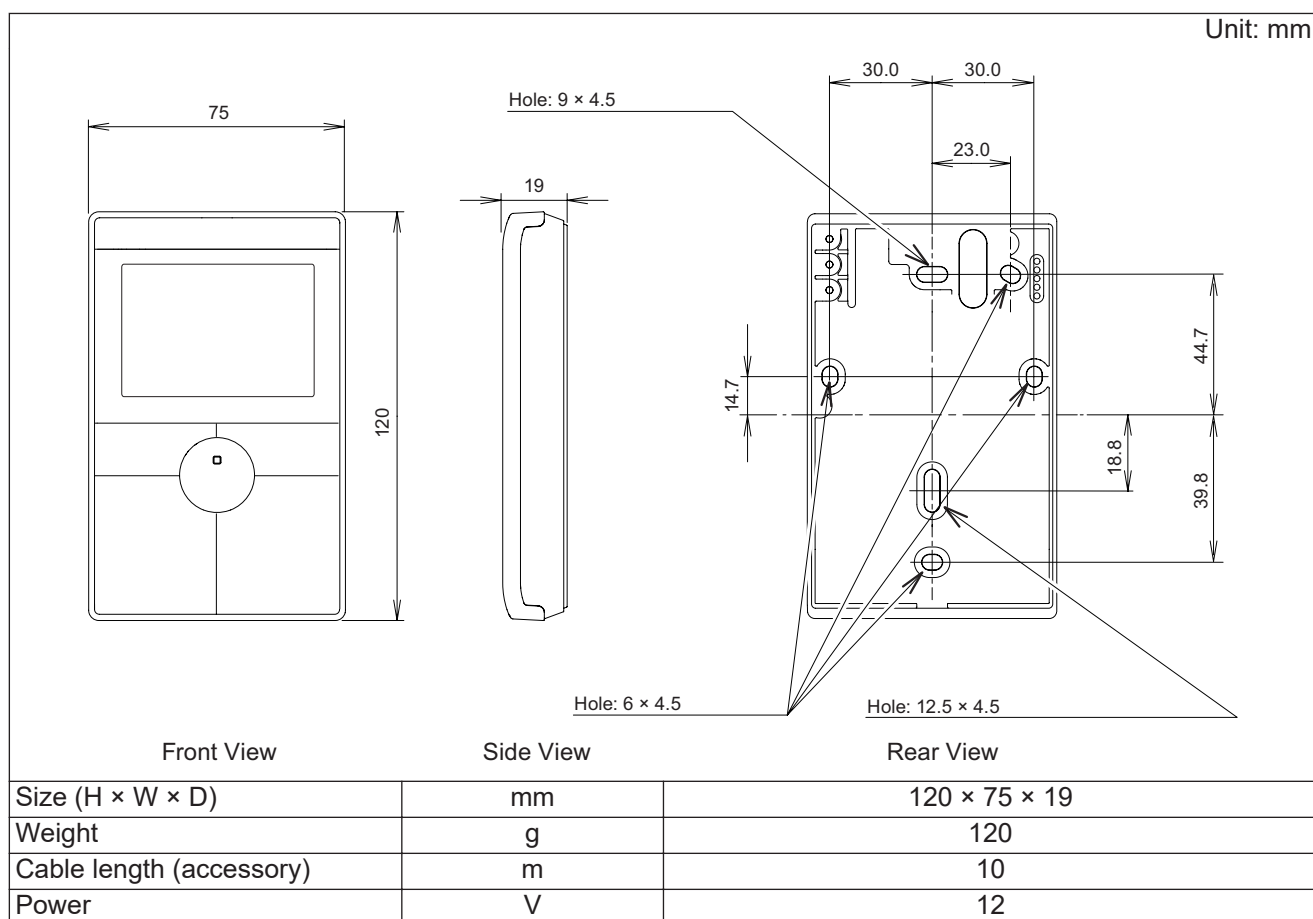
Group control:



**NOTE:** Group connection with Polar 3-wired remote controller is not allowed.

## Specifications

Dimensions and other specifications on the wired remote controller are as follows.

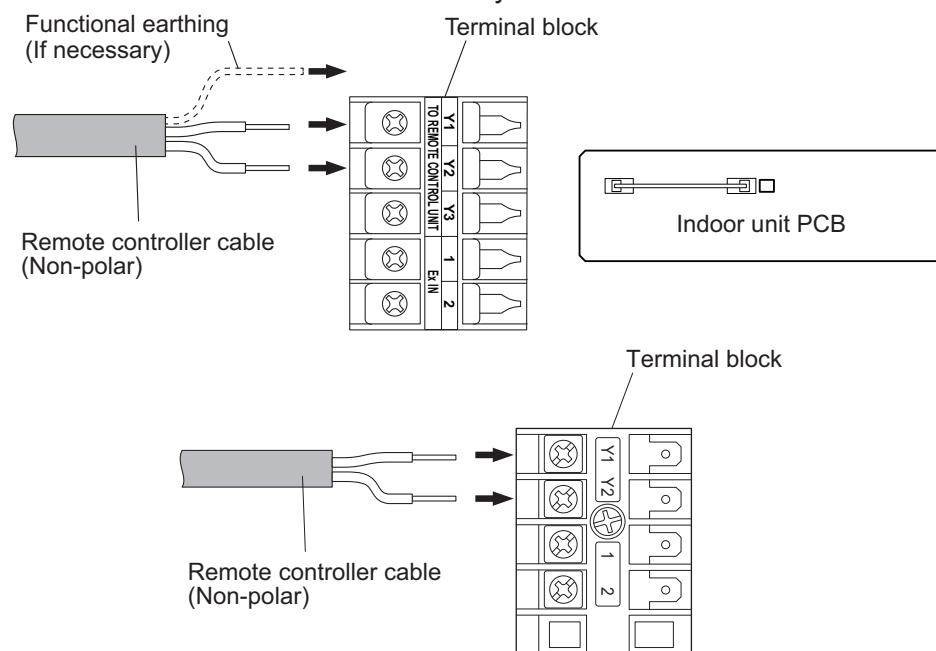


## Wiring specifications

| Use                     | Cable size                   | Wire type                         | Remarks                 |
|-------------------------|------------------------------|-----------------------------------|-------------------------|
| Remote controller cable | 0.33 to 1.25 mm <sup>2</sup> | Non-polar 2-core,<br>Twisted pair | Use sheathed PVC cable. |

## Installation

Connect the end of remote controller cable directly to the exclusive terminal block.



**NOTES:**

- The detailed shape and the layout of the terminal block and the PCB vary depending on the indoor unit type.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.



## 15. Function settings

To adjust the functions of this product according to the installation environment, various types of function settings are available.

**NOTE:** Incorrect settings can cause a product malfunction.

### 15-1. Compact cassette, Mini duct, Slim duct types indoor unit (setting by DIP switch)

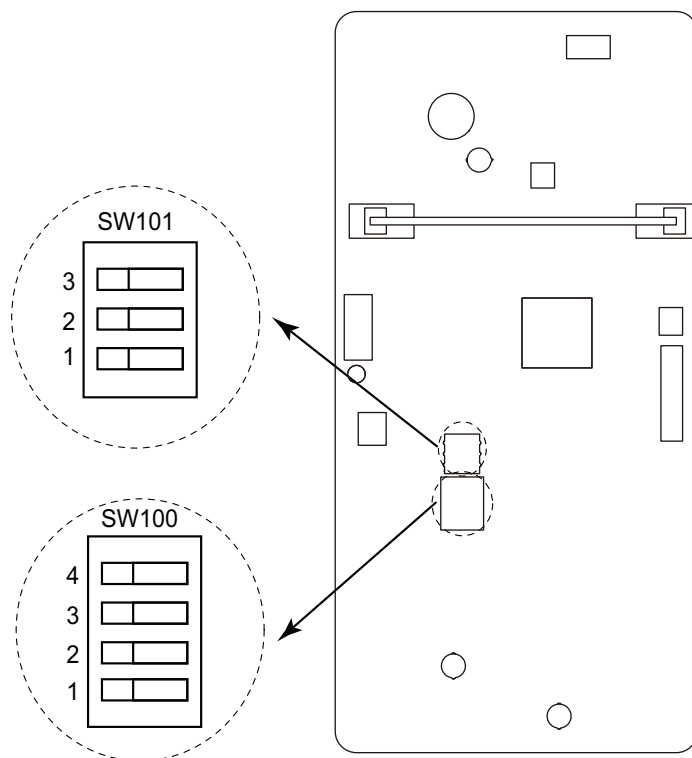
By using some components on the PCB, you can change the function settings.

**Related components on the PCB and the applicable settings:**

| Component  |       |   | Setting content                   |
|------------|-------|---|-----------------------------------|
| DIP switch | SW100 | 1 | Remote controller address setting |
|            |       | 2 |                                   |
|            |       | 3 |                                   |
|            |       | 4 |                                   |
|            | SW101 | 1 | Drainage function setting         |
|            |       | 2 | Auto louver grille setting        |
|            |       | 3 | Fan delay setting                 |

#### ■ Component location

Components on the indoor unit main PCB used for the function settings are located as shown in the following figure.



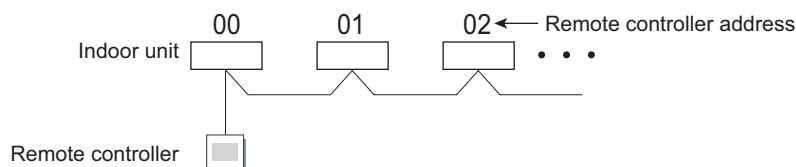
## ■ DIP switch setting

### • SW100: Remote controller address setting

When operating a number of indoor units by using a wired remote controller, DIP switch setting for assigning unit number to each indoor unit is required.

The slide switches are normally set to make the unit number 00.

| Remote controller address | Switch number |     |     |     | Factory setting |
|---------------------------|---------------|-----|-----|-----|-----------------|
|                           | 1             | 2   | 3   | 4   |                 |
| 00                        | OFF           | OFF | OFF | OFF | ◆               |
| 01                        | ON            | OFF | OFF | OFF |                 |
| 02                        | OFF           | ON  | OFF | OFF |                 |
| 03                        | ON            | ON  | OFF | OFF |                 |
| 04                        | OFF           | OFF | ON  | OFF |                 |
| 05                        | ON            | OFF | ON  | OFF |                 |
| 06                        | OFF           | ON  | ON  | OFF |                 |
| 07                        | ON            | ON  | ON  | OFF |                 |
| 08                        | OFF           | OFF | OFF | ON  |                 |
| 09                        | ON            | OFF | OFF | ON  |                 |
| 10                        | OFF           | ON  | OFF | ON  |                 |
| 11                        | ON            | ON  | OFF | ON  |                 |
| 12                        | OFF           | OFF | ON  | ON  |                 |
| 13                        | ON            | OFF | ON  | ON  |                 |
| 14                        | OFF           | ON  | ON  | ON  |                 |
| 15                        | ON            | ON  | ON  | ON  |                 |



### • SW101-Switch 1: Drainage function setting

| Switch 1 | Drainage function | Factory setting |
|----------|-------------------|-----------------|
| ON       | Disabled          |                 |
| OFF      | Enabled           | ◆               |

### • SW101-Switch 2: Auto louver grille setting

When Auto Louver Grille Kit (optional parts) is attached, set to "Enabled".

| Switch 2 | Auto louver grille setting | Factory setting |
|----------|----------------------------|-----------------|
| ON       | Enabled                    |                 |
| OFF      | Disabled                   | ◆               |

### • SW101-Switch 3: Fan delay setting

When the indoor unit is stopped while operating in conjunction with auxiliary heater, the indoor unit fan operation will continue for 1 minute.

| Switch 3 | Fan delay | Factory setting |
|----------|-----------|-----------------|
| ON       | Enabled   |                 |
| OFF      | Disabled  | ◆               |

## 15-2. Medium static pressure duct type

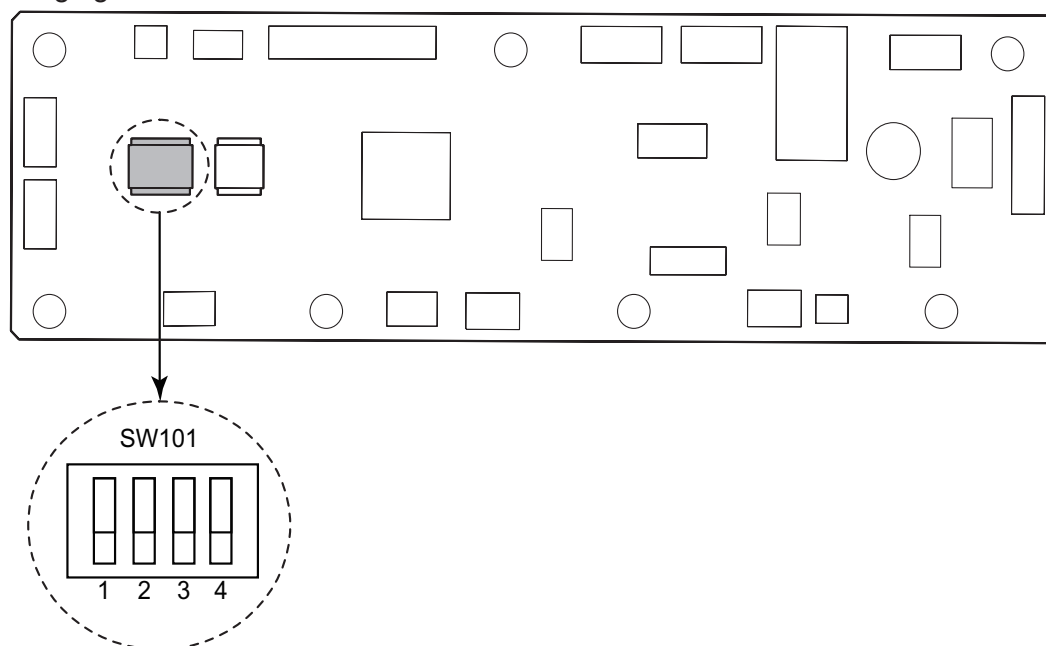
By using some components on the PCB, you can change the function settings.

### Related components on the PCB and the applicable settings

| Component     |   | Setting content           |
|---------------|---|---------------------------|
| DIP switch101 | 1 | Drainage function setting |
|               | 2 | Setting change prohibited |
|               | 3 | Fan delay setting         |
|               | 4 | Setting change prohibited |

### ● Component location

Components on the indoor unit main PCB used for the function settings are located as shown in the following figure.



### ● DIP switch setting

- **Switch 1: Drainage function setting (SW101)**

| Switch 1 | Drainage function | Factory setting |
|----------|-------------------|-----------------|
| ON       | Disabled          |                 |
| OFF      | Enabled           | ◆               |

- **Switch 2: Setting change prohibited (SW101)**

- **Switch 3: Fan delay setting (SW101)**

When the indoor unit is stopped while operating in conjunction with auxiliary heater, the indoor unit fan operation will continue for 1 minute.

| Switch 3 | Fan delay | Factory setting |
|----------|-----------|-----------------|
| ON       | Enabled   |                 |
| OFF      | Disabled  | ◆               |

- **Switch 4: Setting change prohibited (SW101)**

## 15-3. Indoor unit (setting by wireless remote controller)

### CAUTION

This setting changes the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause a product malfunction.

- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.

### ■ Preparation

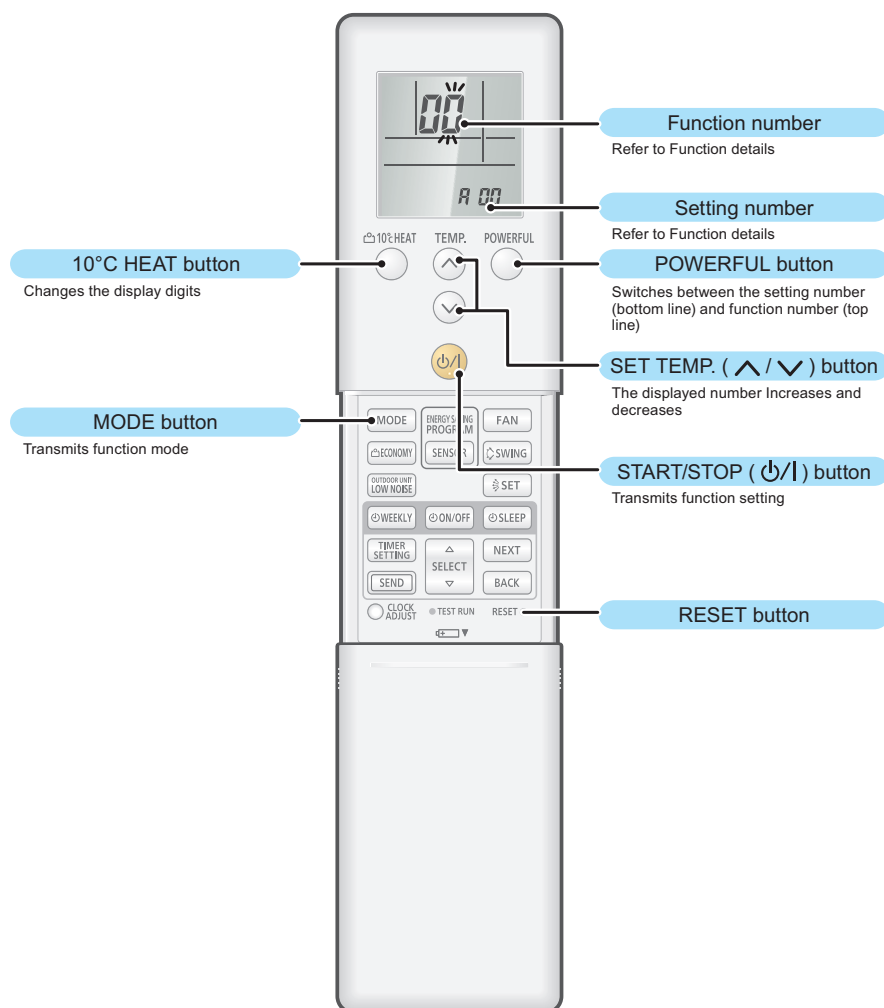
Before connecting the power supply of the indoor unit, reconfirm following items:

- Piping air tightness test and vacuuming have been performed firmly.
- There is no wiring mistake. Then, connect the power supply of the indoor unit.

# ■ AR-REW3E (for Wall mounted type KGTG), AR-REW4E (for Wall mounted type KETF[-B]), and AR-REM7E (for Floor type)

## ● Button name and function

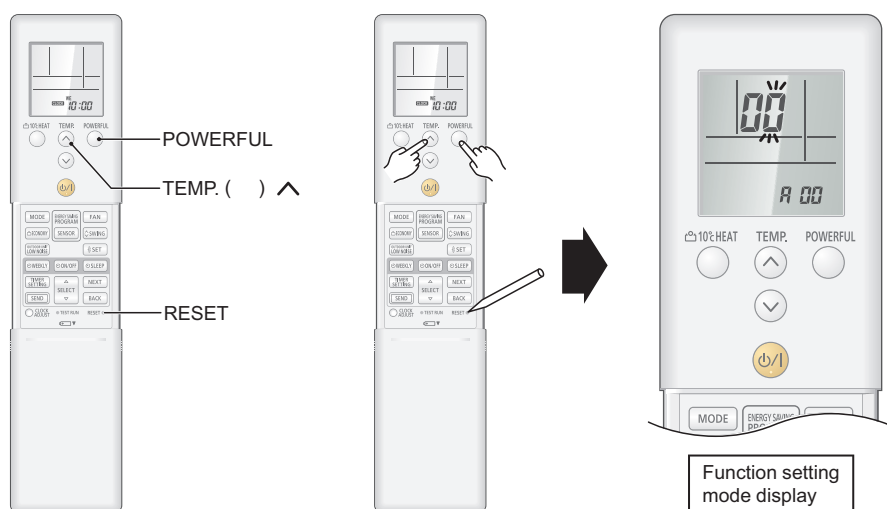
During address setting mode, indoor unit reject the any operation command from remote controller.



**NOTE:** The number of buttons varies by the remote controller model.

## ● Function setting procedure

1. Connect the power supply of the outdoor unit.
2. To enter the function setting mode, while holding down the POWERFUL and TEMP.  $\wedge$  button, press the RESET button.



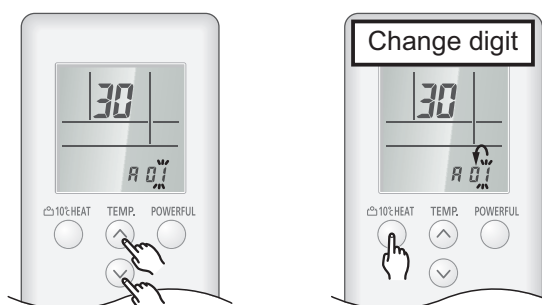
3. Select the function number by pressing the  $\wedge$  or the  $\vee$  buttons. Each time the 10 °C HEAT button is pressed, it switches between the right digit and the left digit.



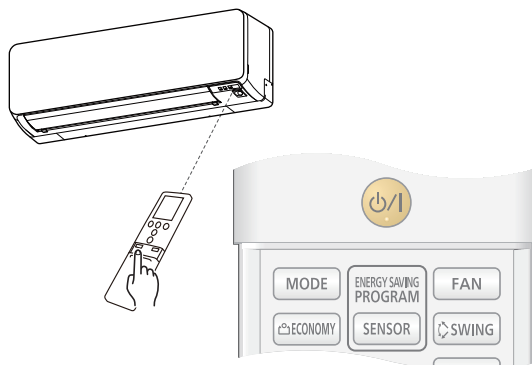
4. Proceed to the setting number by pressing the POWERFUL button. (To return to the function number selection, press the POWERFUL button again.)



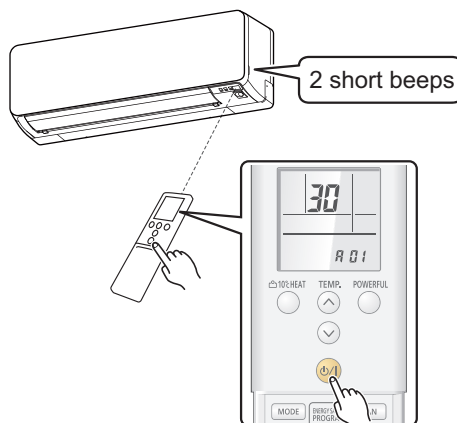
5. Select the function number by pressing the  $\wedge$  or the  $\vee$  button. Each time the 10 °C HEAT button is pressed, it switches between the right digit and the left digit.



6. Press the MODE button once to transmit the function mode information.



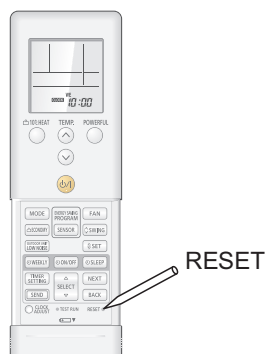
7. Press the  $\phi/I$  button once to transmit the function setting information. 2 short beeps will be emitted from the indoor unit when the signal is received correctly. If wrong code is set, no beep sound will be emitted.



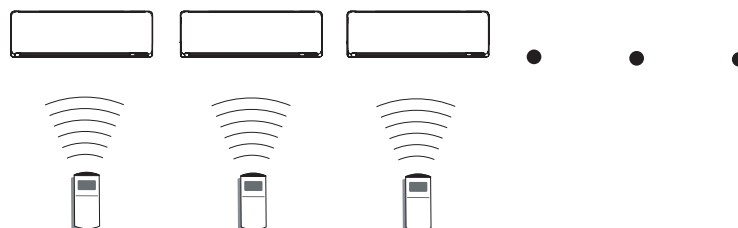
**NOTE:** Press  $\phi/I$  button within 30 seconds after pressing MODE button.

For the function details, refer to Chapter 15-6. ["Function details"](#) on page 258.

8. Exit the function setting mode by pressing the RESET button.



## ● Setting up each indoor unit



Repeat step from 1. to 8. to set up each indoor unit. If the custom code is other than "R", steps from 1. to 2. and 8. need to be performed.

## ● Resetting the power after setting up all indoor units

### Important:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.  
However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

Once the RESET button is pressed on the remote controller, the operation mode will be set to the AUTO MODE.

Adjust the operation mode to either cooling or heating before starting the operation of the air conditioner.

**NOTE:** If custom code other than "H" is set, the remote control must be set accordingly to the indoor unit setting.



## ● Remote controller custom code setting

Custom code setting of wireless remote controller needs to be same as the setting of the indoor unit. When you change the custom code setting of the wireless remote controller, do as follows:

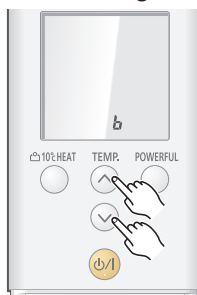
1. Press the START/STOP button until only the clock is displayed on the display.



2. Press the MODE button for at least 5 seconds to display the current custom code (initially set to A).



3. Press the TEMP. “^” or the “v” button to change the custom code between A → b → c → d.



4. Press the MODE button again to return to the clock display. The custom code will be changed.

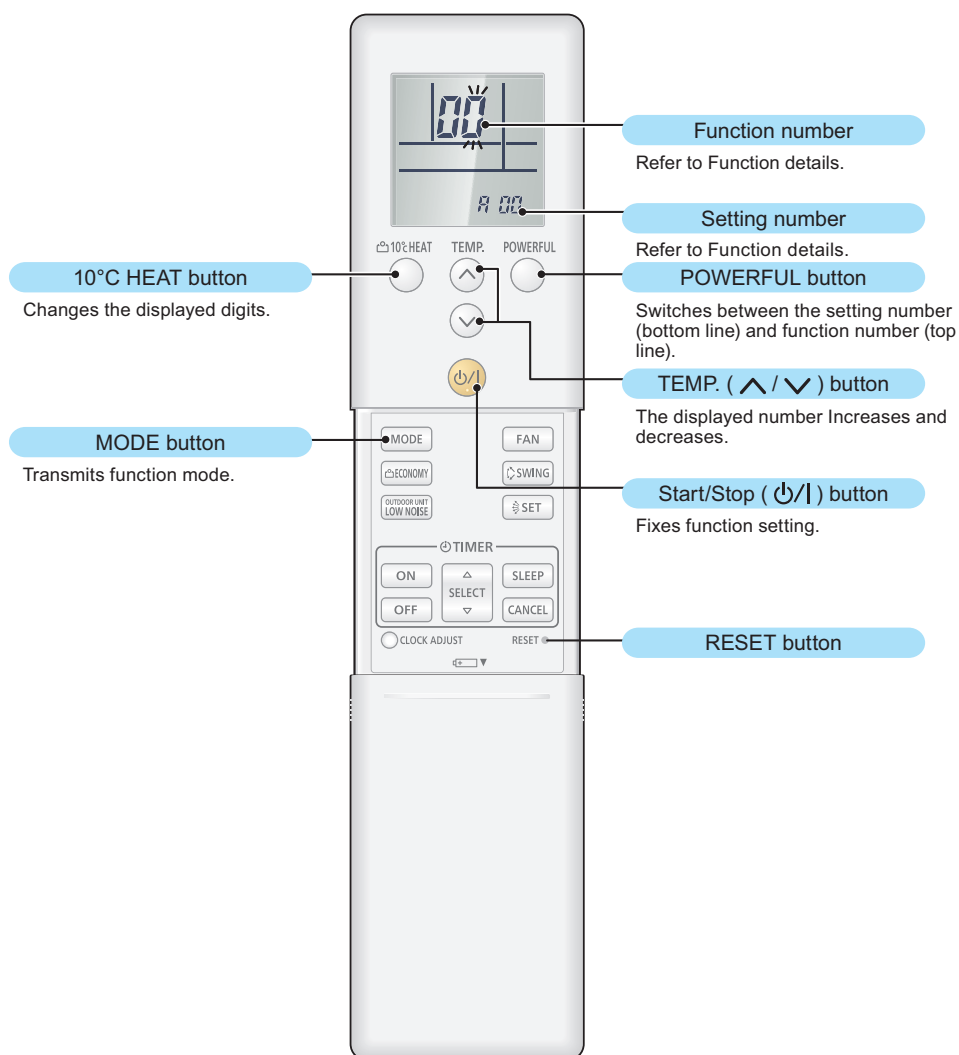


- If no buttons are pressed within 30 seconds after the custom code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner custom code is set to A prior to shipment.
- If you do not know the air conditioner custom code setting, try each of the custom codes (A → b → c → d) until you find the code which operates the air conditioner.

## ■ AR-RMB1E(-B) (for Wall mounted type KMCG and KMCG-B)

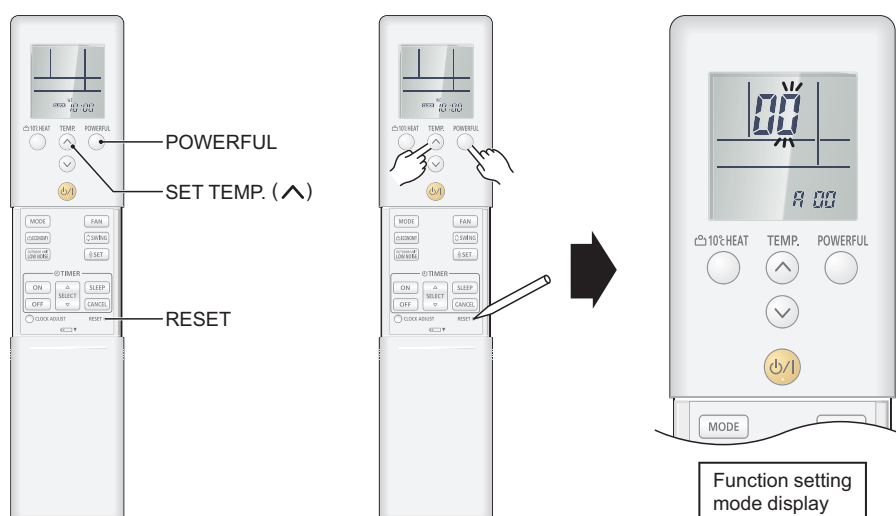
### ● Button name and function

During address setting mode, indoor unit reject the any operation command from remote controller.



## ● Function setting procedure

1. Connect the power supply of the outdoor unit.
2. To enter the function setting mode, while holding down the POWERFUL and SET TEMP.  $\wedge$  buttons, press the RESET button.



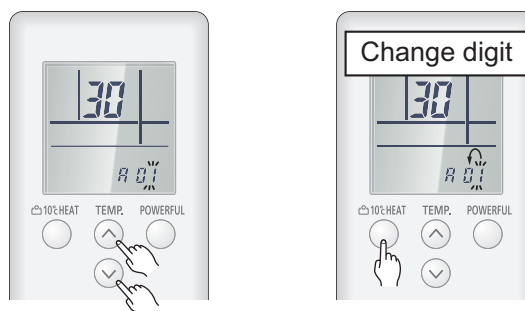
3. Select the function number by pressing the  $\wedge$  or the  $\vee$  buttons. Each time the 10°C HEAT button is pressed, it switches between the right digit and the left digit.



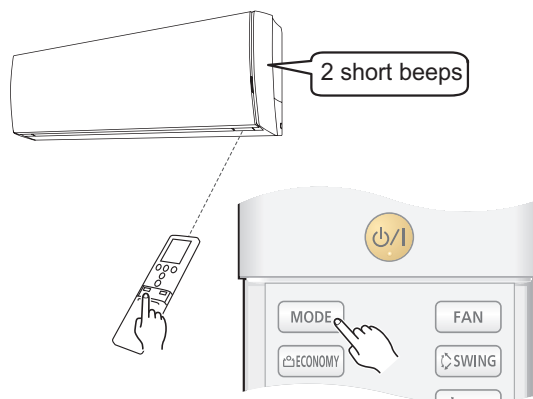
4. Proceed to the setting number by pressing the POWERFUL button. (To return to the function number selection, press the POWERFUL button again.)



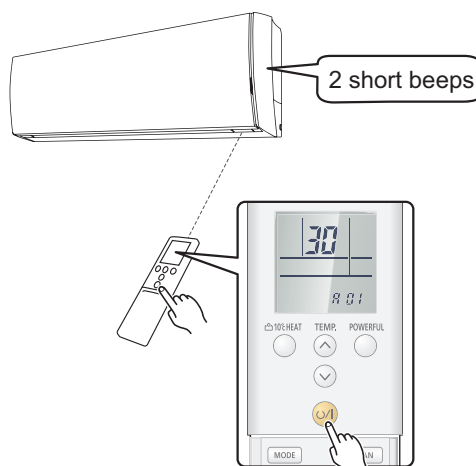
5. Select the function number by pressing the  $\wedge$  or the  $\vee$  button. Each time the 10°C HEAT button is pressed, it switches between the right digit and the left digit.



6. Press the MODE button once to transmit the function mode information.



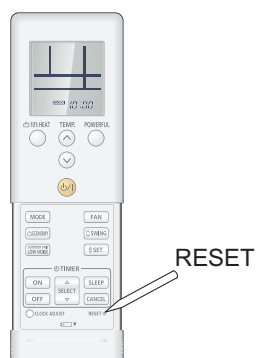
7. Press the  $\phi/I$  button once to transmit the function setting information. 2 short beeps will be emitted from the indoor unit when the signal is received correctly. If wrong code is set, no beep sound will be emitted.



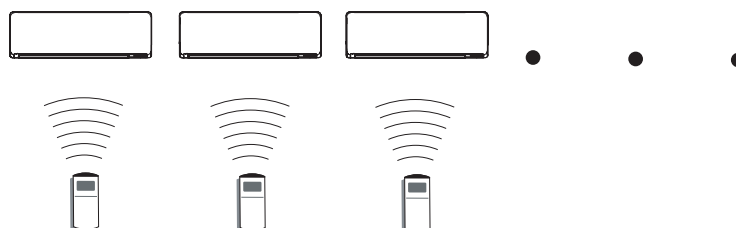
**NOTE:** Press  $\phi/I$  button within 30 seconds after pressing MODE button.

For the function details, refer to Chapter 15-6. ["Function details"](#) on page 258.

8. Exit the function setting mode by pressing the RESET button.



## ● Setting up each indoor unit



Repeat step from 1. to 8. to set up each indoor unit. If the custom code is other than "H", steps from 1. to 2. and 8. need to be performed.

## ● Resetting the power after setting up all indoor units

### Important:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.  
However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

Once the RESET button is pressed on the remote controller, the operation mode will be set to the AUTO MODE.

Adjust the operation mode to either cooling or heating before starting the operation of the air conditioner.

**NOTE:** If custom code other than "F" is set, the remote control must be set accordingly to the indoor unit setting.

## ● Remote controller custom code setting

Custom code setting of wireless remote controller needs to be same as the setting of the indoor unit. When you change the custom code setting of the wireless remote controller, do as follows:

1. Press the START/STOP button until only the clock is displayed on the display.



2. Press the MODE button for at least 5 seconds to display the current custom code (initially set to A).



3. Press the SET TEMP. “^” or the “v” button to change the custom code between A → b → c → d.



4. Press the MODE button again to return to the clock display. The custom code will be changed.

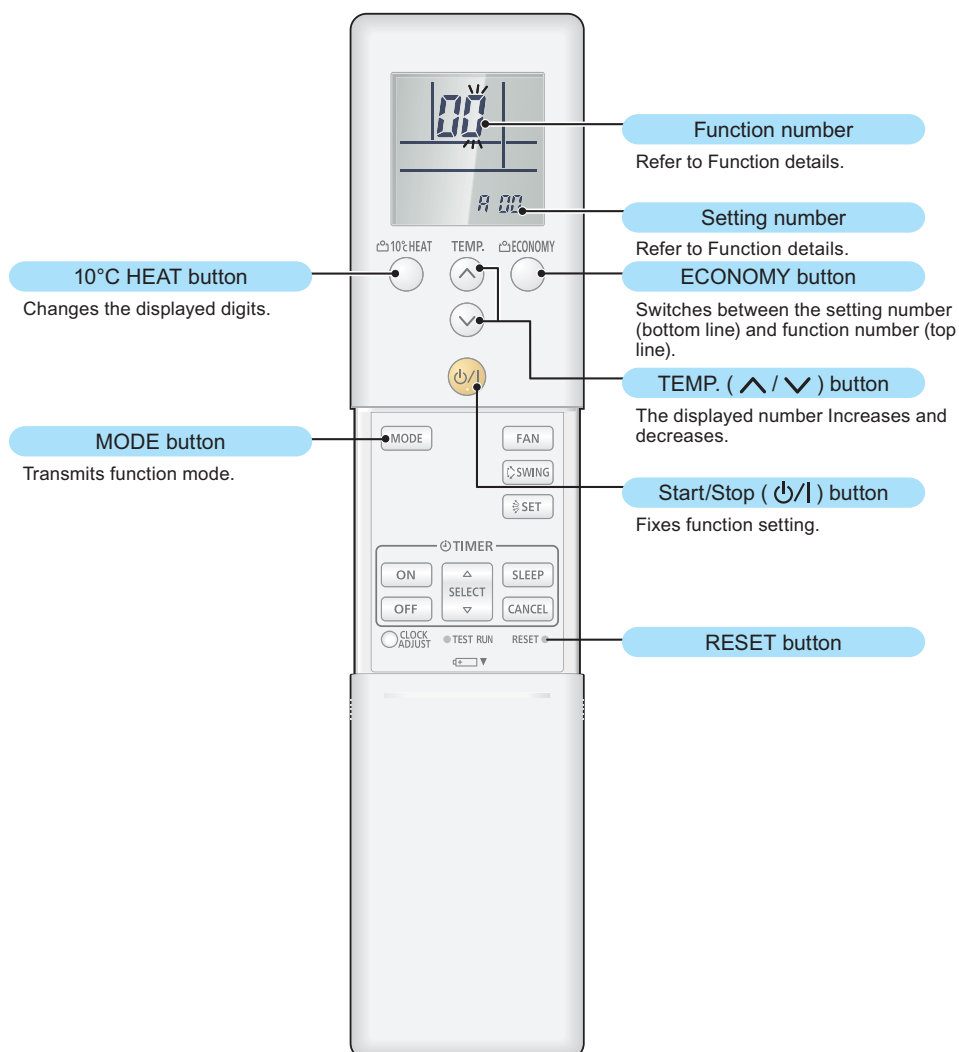


- If no buttons are pressed within 30 seconds after the custom code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner custom code is set to A prior to shipment.
- If you do not know the air conditioner custom code setting, try each of the custom codes (A → b → c → d) until you find the code which operates the air conditioner.

## ■ UTY-LNTY (for Compact cassette type) or AR-REJ1E (included in UTY-LBTYM for Duct type)

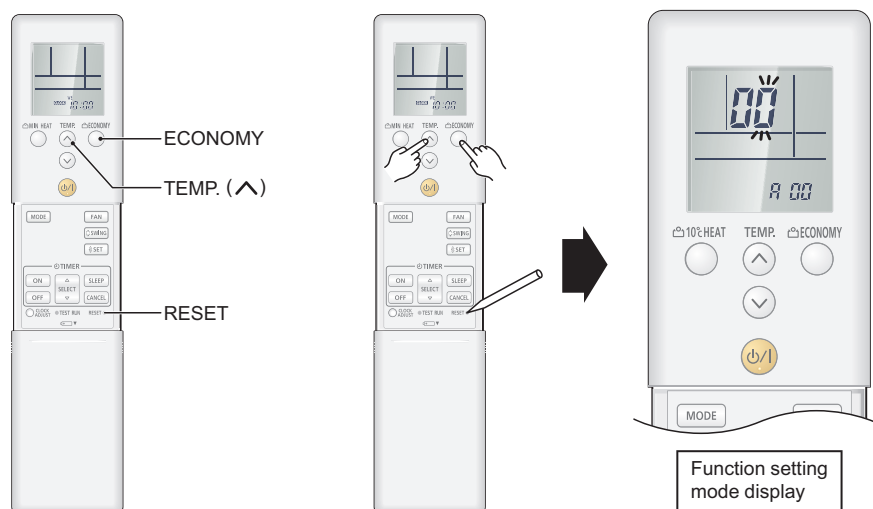
### ● Button name and function

During address setting mode, indoor unit reject the any operation command from remote controller.



## ● Function setting procedure

1. Connect the power supply of the outdoor unit.
2. To enter the function setting mode, while holding down the ECONOMY and TEMP.  $\wedge$  buttons, press the RESET button.





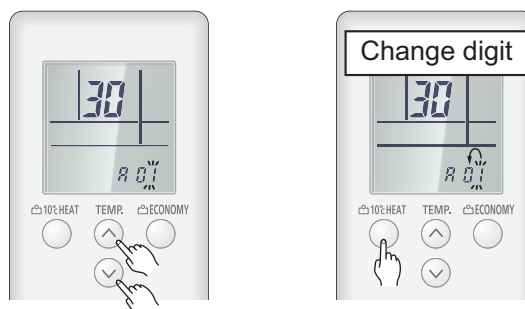
3. Select the function number by pressing the  $\wedge$  or the  $\vee$  buttons. Each time the 10°C HEAT button is pressed, it switches between the right digit and the left digit.



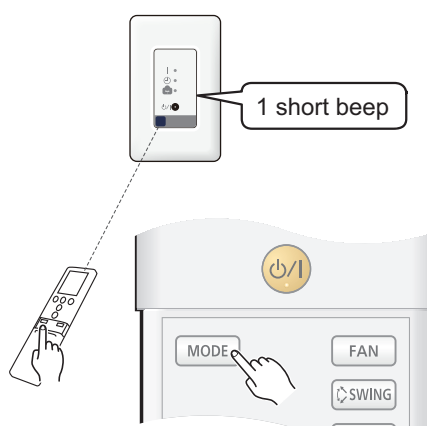
4. Proceed to the setting number by pressing the ECONOMY button. (To return to the function number selection, press the ECONOMY button again.)



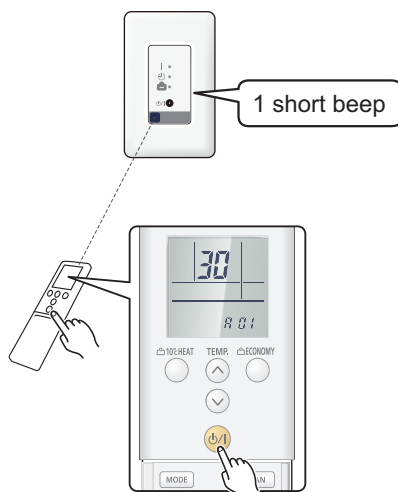
5. Select the function number by pressing the  $\wedge$  or the  $\vee$  button. Each time the 10°C HEAT button is pressed, it switches between the right digit and the left digit.



6. Press the MODE button once to transmit the function mode information.



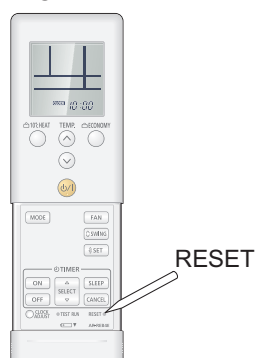
7. Press the  $\phi$ /I button once to transmit the function setting information. 1 short beep will be emitted from the indoor unit or the IR receiver when the signal is received correctly. If wrong code is set, no beep sound will be emitted.



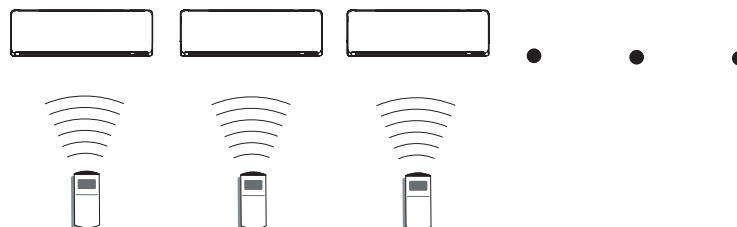
**NOTE:** Press  $\phi$ /I button within 30 seconds after pressing MODE button.

For the function details, refer to Chapter 15-6. "[Function details](#)" on page 258.

8. Exit the function setting mode by pressing the RESET button.



## ● Setting up each indoor unit



Repeat step from 1. to 8. to set up each indoor unit. If the custom code is other than "H", steps from 1. to 2. and 8. need to be performed.

## ● Resetting the power after setting up all indoor units

### Important:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.  
However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

Once the RESET button is pressed on the remote controller, the operation mode will be set to the AUTO MODE.

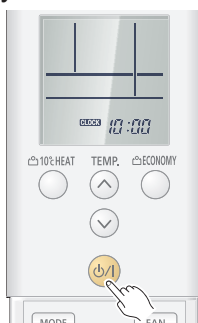
Adjust the operation mode to either cooling or heating before starting the operation of the air conditioner.

**NOTE:** If custom code other than "H" is set, the remote control must be set accordingly to the indoor unit setting.

## ● Remote controller custom code setting

Custom code setting of wireless remote controller needs to be same as the setting of the indoor unit. When you change the custom code setting of the wireless remote controller, do as follows:

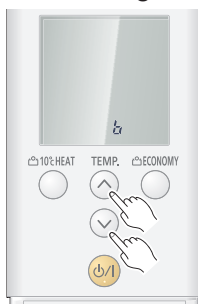
1. Press the START/STOP button until only the clock is displayed on the display.



2. Press the MODE button for at least 5 seconds to display the current custom code (initially set to A).



3. Press the TEMP. " ^ " or the " v " button to change the custom code between A → b → c → d.



4. Press the MODE button again to return to the clock display. The custom code will be changed.



- If no buttons are pressed within 30 seconds after the custom code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner custom code is set to A prior to shipment.
- If you do not know the air conditioner custom code setting, try each of the custom codes (A → b → c → d) until you find the code which operates the air conditioner.

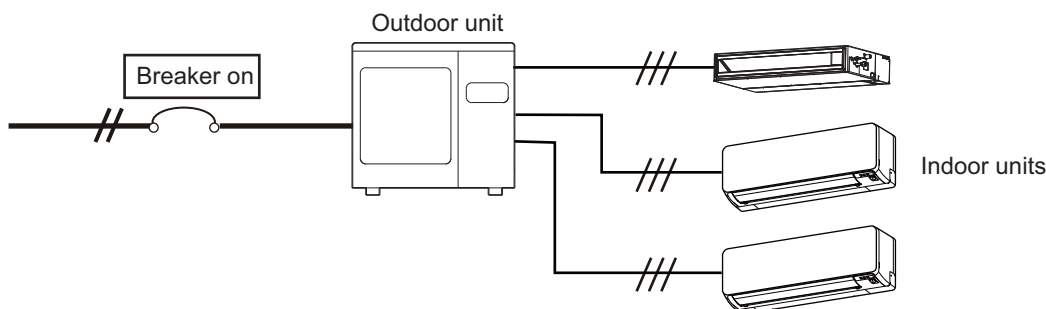
## ■ AR-RPF4E (for Wall mounted type KNCA)

The function number and the associated setting value are displayed on the LCD of the remote controller. Follow the instructions written in the local setup procedure supplied with the remote controller, and select appropriate setting according to the installation environment.

**Before connecting the power supply of the indoor unit, reconfirm following items:**

- Piping air tight test and vacuuming have been performed firmly.
- There is no wiring mistake.

**Then, connect the power supply of the indoor unit.**



### Entering function setting mode:

While pressing the FAN SPEED button and TEMP./SELECT (^) button simultaneously, press the RESET button to enter the function setting mode.

### STEP 1: Setting the remote controller custom code

Use the following steps to select the custom code of the remote controller. (Note that the air conditioner cannot receive a custom code if the air conditioner has not been set for the custom code.)

The custom codes that are set through this process are applicable only to the signal in the function setting.

For details on how to set the custom codes through the normal process, refer to ["Custom code setting on AR-RPF4E"](#) on page 237.

1. Press the TEMP./SELECT (^) (v) buttons to change the custom code between  $\overline{A} \rightarrow \overline{b} \rightarrow \overline{c} \rightarrow \overline{d}$ . Match the code on the display to the air conditioner custom code. (Initially set to  $\overline{A}$ .) If the custom code does not need to be selected, press the MODE button, and proceed to **STEP 2**.
2. Press the MODE button to accept the custom code, and proceed to **STEP 2**.



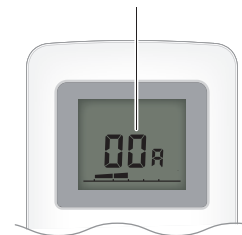
### NOTES:

- The air conditioner custom code is set to  $\overline{A}$  prior to shipment.
- The remote controller resets to custom code  $\overline{A}$  when the batteries on the remote controller are replaced. If you use a custom code other than code  $\overline{A}$ , reset the custom code after replacing the batteries.
- If you do not know the air conditioner custom code setting, try each of the custom codes ( $\overline{A} \rightarrow \overline{b} \rightarrow \overline{c} \rightarrow \overline{d}$ ) until you find the code that operates the air conditioner.

**STEP 2: Selecting the function number and setting value**

1. Press the TEMP./SELECT (▲) (▼) buttons to select the function number. To switch between the left and right digits, press the MODE button.
2. Press the FAN SPEED button to proceed the setting value. To return the function number selection, press the FAN SPEED button again.
3. Press the TEMP./SELECT (▲) (▼) buttons to select the setting value. To switch between the left and right digits, press the MODE button.
4. Press the TIMER button, and when the indoor unit beeps, press the ⏻/I (START/STOP) button to confirm the settings.
5. Press the RESET button to cancel the function setting mode.
6. After completing the function setting, be sure to disconnect the power supply and then reconnect it.

Function number



Setting value

**⚠ CAUTION**

- After disconnecting the power supply, wait 30 seconds or more before reconnecting it. The function setting will not become active unless the power supply is disconnected and then reconnected.
- When using a custom code other than  $\bar{R}$ , press RESET and then press and hold MODE again for 5 seconds or more to set the custom code.

## ● Custom code setting on AR-RPF4E

To interconnect the air conditioner and the wireless remote controller, assignment of the custom code for the wireless remote controller is required.

**NOTE:** Air conditioner cannot receive a signal if the air conditioner has not been set for the custom code.

When 2 or more air conditioners are installed in a room, and the remote controller is operating an air conditioner other than the one you wish to set, change the custom code of the remote controller to operate only the air conditioner you wish to set. (4 selections possible.)

Confirm the setting of the remote controller custom code and the function setting. If these do not match, the remote controller cannot be used to operate for the air conditioner.

1. Press the  $\phi/I$  (START/STOP) button until the indicators on the remote controller turn off.
2. Press the MODE button for at least 5 seconds to display the current custom code. (Initially set to  $\overline{A}$ .)
3. Press the TEMP./SELECT ( $\wedge$ ) ( $\vee$ ) buttons to change the custom code between  $\overline{A} \rightarrow \overline{B} \rightarrow \overline{C} \rightarrow \overline{D}$ . Match the code on the display to the air conditioner custom code. (Initially set to  $\overline{A}$ .)
4. Press the MODE button again to return to the original display. The custom code will be changed.



To set custom code  $\overline{B}$ ,  $\overline{C}$ , or  $\overline{D}$ , perform same procedures for each code.

### NOTES:

- If no button is pressed within 30 seconds after the custom code is displayed, the system returns to the original display. In this case, start again from step 1.
- The air conditioner custom code is set to  $\overline{A}$  prior to shipment. To change the custom code, contact your retailer.
- If you do not know the assigned code for the air conditioner, try each of the custom code ( $\overline{A} \rightarrow \overline{B} \rightarrow \overline{C} \rightarrow \overline{D}$ ) until you find the code which operates the air conditioner.

## 15-4. Indoor unit (setting by wired remote controller)

- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit malfunction.
- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function cannot be used on the secondary units.

### ■ Preparation

Before connecting the power supply of the indoor unit, reconfirm following items:

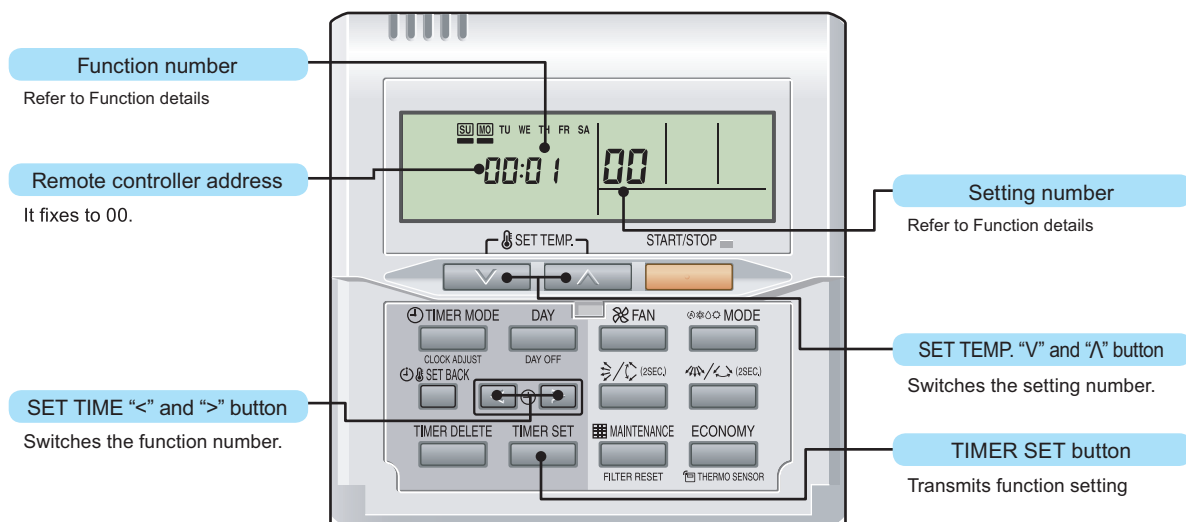
- Piping air tightness test and vacuuming have been performed firmly.
- There is no wiring mistake. Then, connect the power supply of the indoor unit.



## ■ UTY-RNNYM

### ● Button name and function

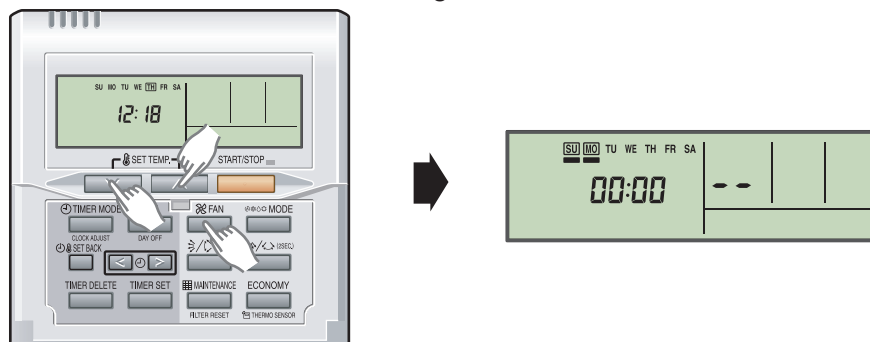
During address setting mode, indoor unit reject the any operation command from remote controller.



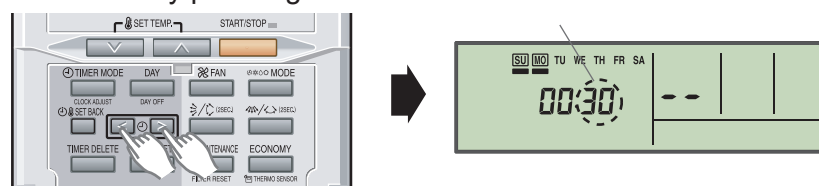
### ● Function setting procedure

1. Connect the power supply of the outdoor unit.
2. Switch to the function setting mode.

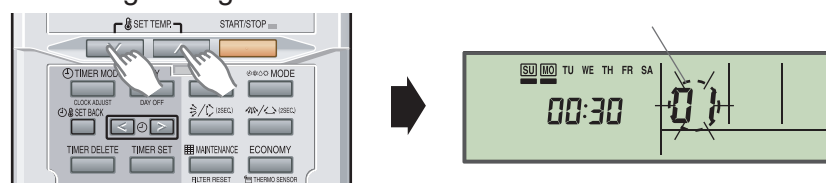
To enter the function setting mode, hold down the 3 buttons of SET TEMP. ∇, SET TEMP. ^, and FAN at the same time for 5 seconds or longer.



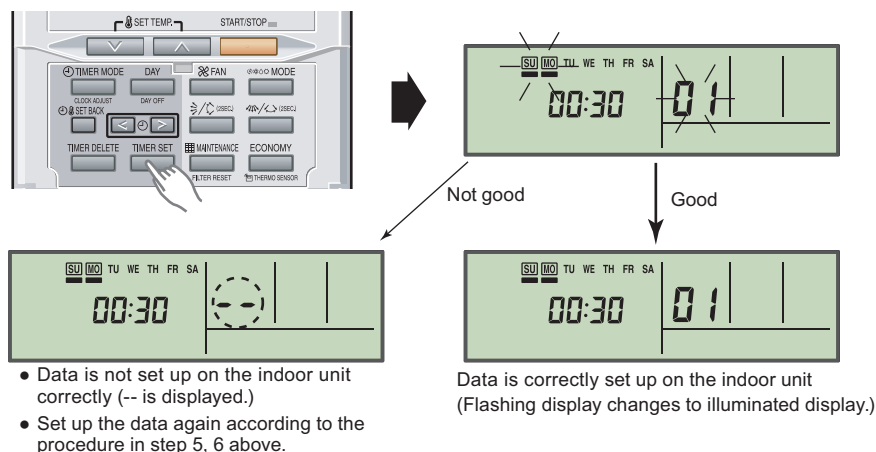
3. Select the function number by pressing the SET TIME < or the SET TIME > button.



4. Select the setting number by pressing the SET TEMP. ^ or the SET TEMP. ∇ button. The display flashes during setting number selection.

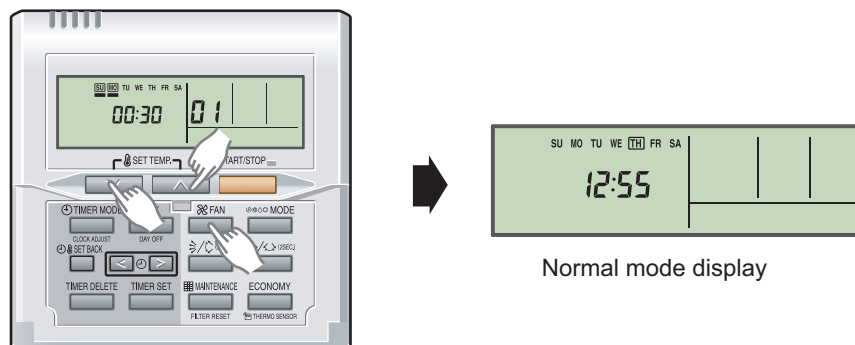


5. Confirm the setting by pressing the **TIMER SET** button.  
The data will be transferred to the indoor unit.



Function details: Refer to Chapter 15-6. ["Function details"](#) on page 258.

6. Exit the function setting mode by holding 3 buttons of **SET TEMP.**  $\nabla$ , **SET TEMP.**  $\wedge$  and **FAN** at the same time.



If no button is pressed within 60 seconds after buttons mentioned above are pressed, it will automatically exit the function setting mode.

If you exit the function setting mode unintentionally during setting, enter the mode again according to the procedure in step 2.

## ● Setting up each indoor unit

Repeat the procedures from step 1 to 6, and set up the indoor units requiring function setting.

## ● Resetting the power after setting up function of all indoor units

### NOTES:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.

However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

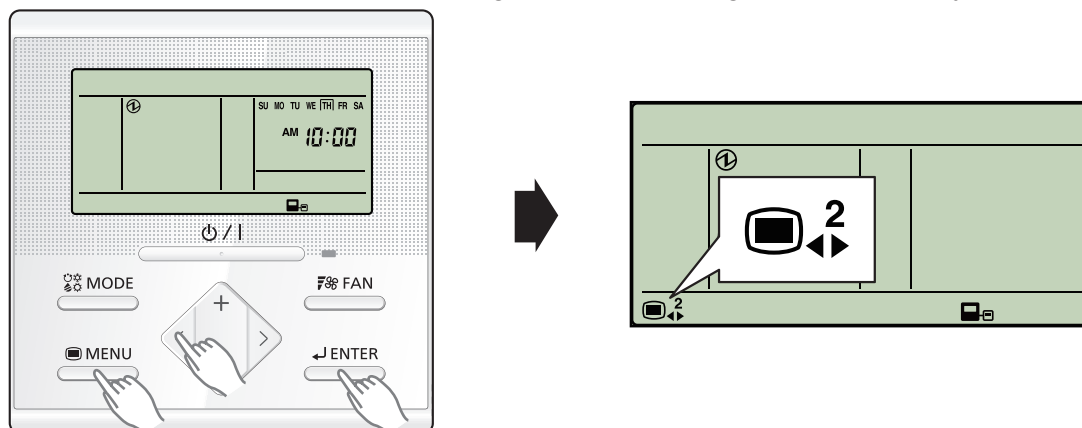
## ■ UTY-RLRY

### ● Setting procedure by using wired remote controller

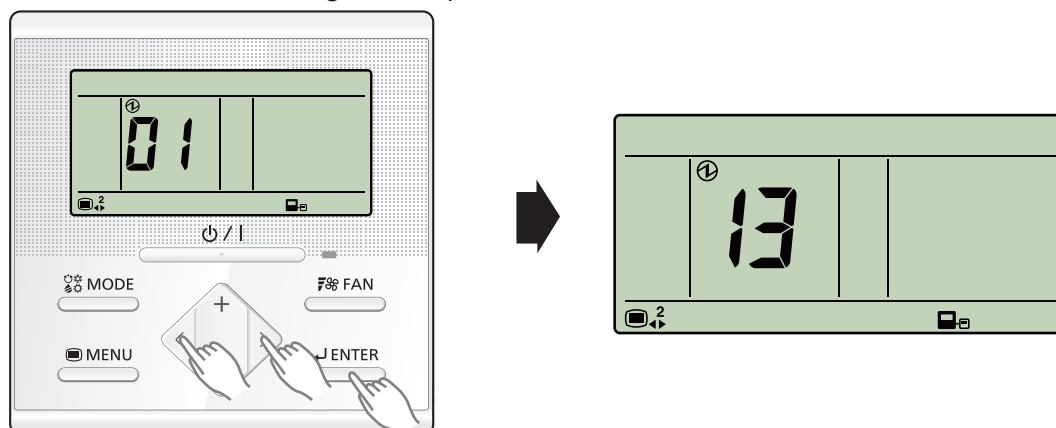
The function number and the associated setting value are displayed on the LCD of the remote controller. Follow the instructions written in the local setup procedure supplied with the remote controller, and select appropriate setting according to the installation environment.

Before connecting the power supply of the indoor unit, reconfirm following items:

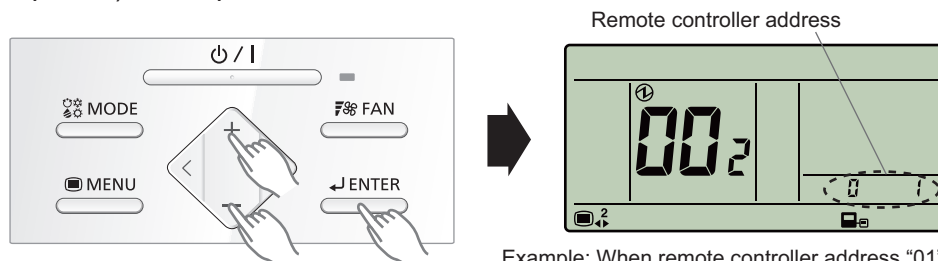
- Piping air tightness test and vacuuming have been performed firmly.
  - There is no wiring mistake.
1. Connect the power supply.
  2. To activate the address setting mode, hold down the three buttons of "MENU", "<", and "ENTER" at the same time for 2 seconds or longer. Menu 2 setting screen is displayed.



3. Select the "13" in Menu 2 settings. Then press the "ENTER" button.

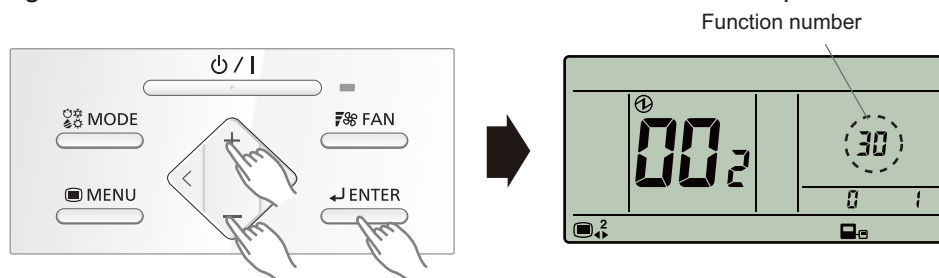


4. Pressing the "+" or "-" button, select a remote controller address (select the indoor unit you want to operate). Then press the "ENTER" button.

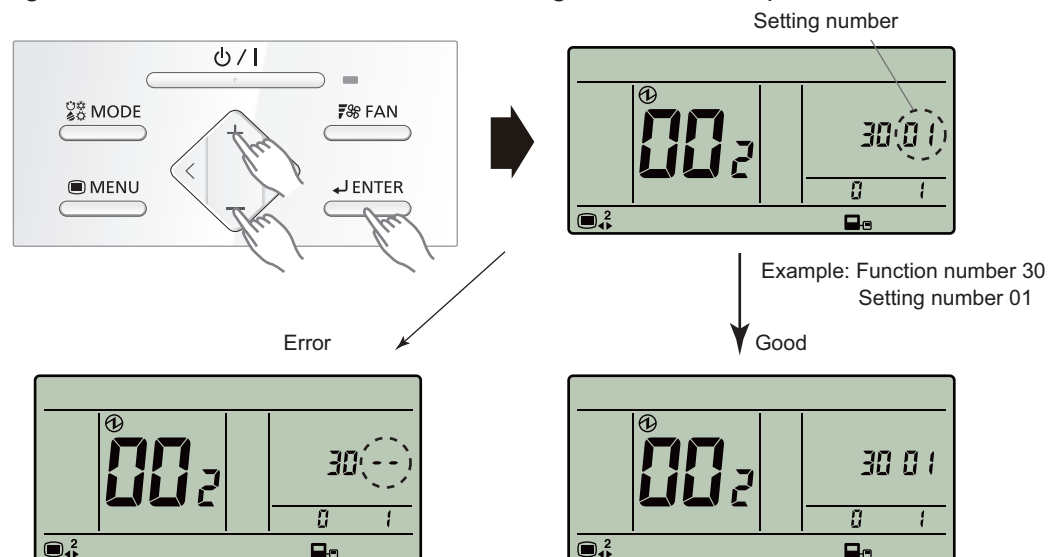


Example: When remote controller address "01" is selected.

5. Pressing the "+" or "-" button, to select the function number. Then press the "ENTER" button.



6. Pressing the "+" or "-" button, to select the setting number. Then press the "ENTER" button.



• When the data was not set up on the indoor unit (" --" is displayed.)

• Set up the data again.

• When the data was normally set up on the indoor unit.

Pressing the "ENTER" button to return to the address selection screen.

If setting has been completed, pressing the "MENU" button to return to the Menu 2 item selection screen.

## ● Setting up each indoor unit

Repeat the procedure from step 1 to 6, and set up the indoor units requiring function setting.

## ● Resetting the power after setting up function of all indoor units

### NOTES:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.

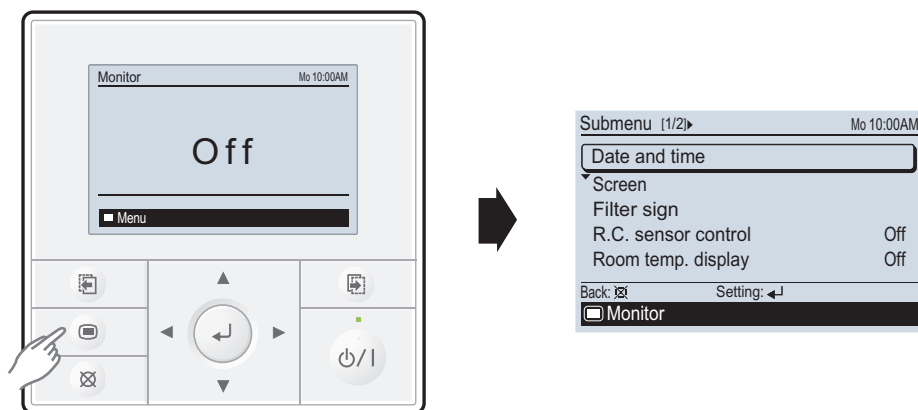
However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

## ■ UTY-RVNYM

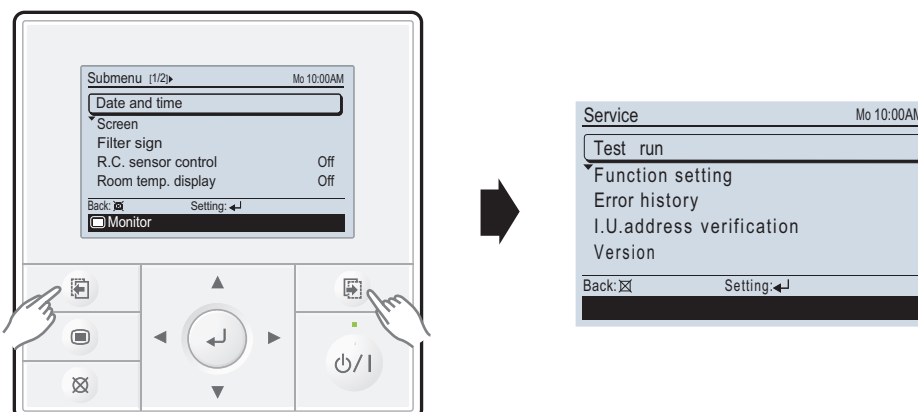
### ● Function setting procedure

1. Connect the power supply of the outdoor unit.
2. Switch to the function setting mode.

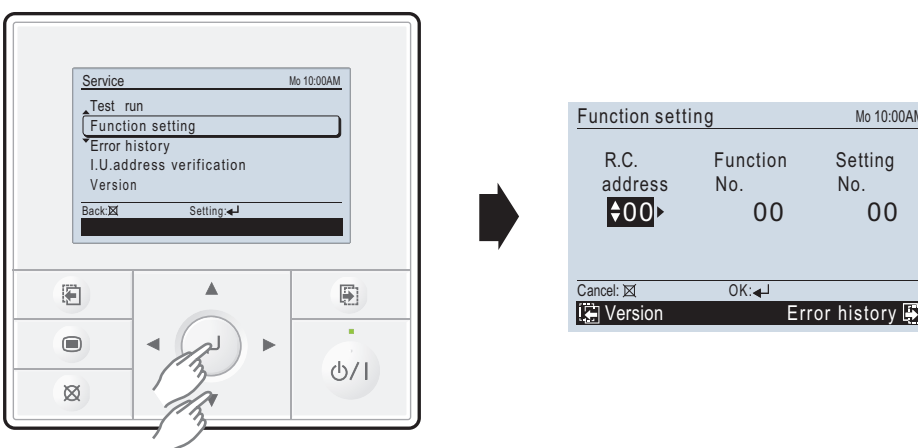
When [Menu button] is pressed twice while “Monitor” screen is displayed, it switches to the “Submenu” screen. If [Menu button] is pressed while the “Submenu” screen is displayed, the display returns to the “Monitor” screen.



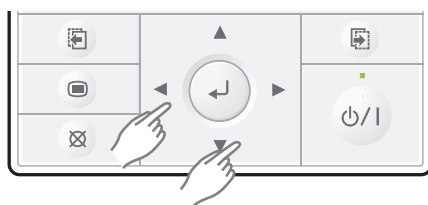
Press the [Screen switch button (Left)] and [Screen switch button (Right)] simultaneously for 5 seconds to switch to “Service” screen.



Select [Function setting] with pressing the [Cursor button (Up/Down)], and press the [Enter button].

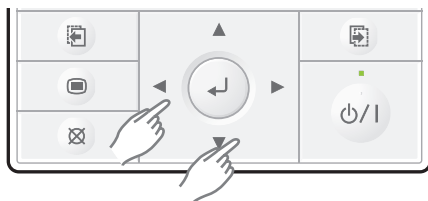


3. Select the [Function No.] with pressing the [Cursor button (Left/Right)], and select the Function No. to be set with pressing the [Cursor button (Up/Down)].



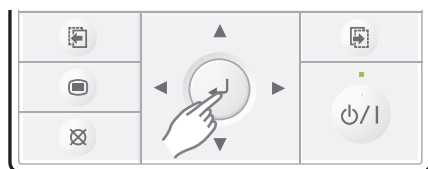
| Function setting        |              |               | Mo 10:00AM |
|-------------------------|--------------|---------------|------------|
| R.C. address            | Function No. | Setting No.   |            |
| 00                      | 30           | 00            |            |
| Cancel: [X] OK: [Enter] |              |               |            |
| Version                 |              | Error history |            |

4. Select the [Setting No.] with pressing the [Cursor button (Left/Right)], and select the Setting No. to be set with pressing the [Cursor button (Up/Down)].



| Function setting        |              |               | Mo 10:00AM |
|-------------------------|--------------|---------------|------------|
| R.C. address            | Function No. | Setting No.   |            |
| 00                      | 30           | 01            |            |
| Cancel: [X] OK: [Enter] |              |               |            |
| Version                 |              | Error history |            |

5. Pressing the [Enter button], confirm the setting. The data will be transferred to the indoor unit.



| Function setting        |              |               | Mo 10:00AM |
|-------------------------|--------------|---------------|------------|
| R.C. address            | Function No. | Setting No.   |            |
| 00                      | 30           | 01            |            |
| Cancel: [X] OK: [Enter] |              |               |            |
| Version                 |              | Error history |            |

Error

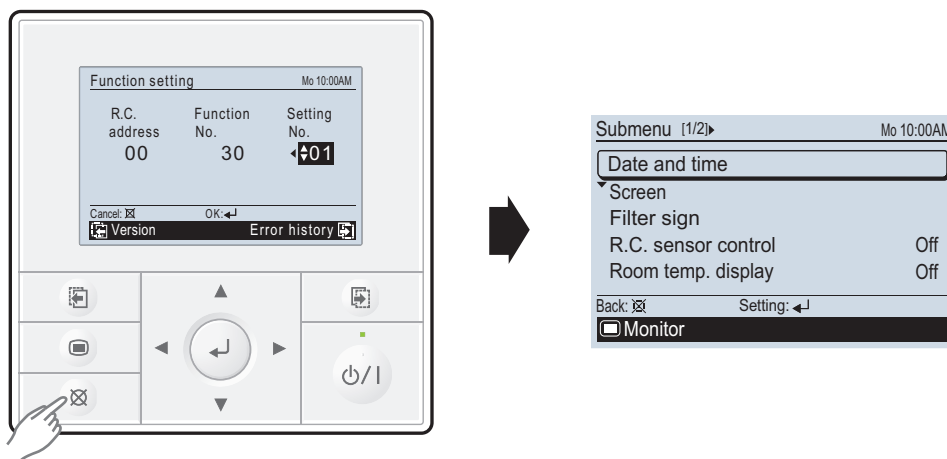
Good

| Function setting        |              |               | Mo 10:00AM |
|-------------------------|--------------|---------------|------------|
| R.C. address            | Function No. | Setting No.   |            |
| 00                      | 30           | --            |            |
| Cancel: [X] OK: [Enter] |              |               |            |
| Version                 |              | Error history |            |

| Function setting        |              |               | Mo 10:00AM |
|-------------------------|--------------|---------------|------------|
| R.C. address            | Function No. | Setting No.   |            |
| 00                      | 30           | 01            |            |
| Cancel: [X] OK: [Enter] |              |               |            |
| Version                 |              | Error history |            |

Function details: Refer to Chapter 15-6. ["Function details"](#) on page 258.

6. When [Cancel button] is pressed twice while “Function setting” screen is displayed, it switches to the “Submenu” screen.



If no button is pressed within 60 seconds after buttons mentioned above are pressed, it will automatically exit the function setting mode.

If you exit the function setting mode unintentionally during setting, enter the mode again according to the procedure in step 2.

## ● Setting up each indoor unit

Repeat the procedures from step 1 to 6, and set up the indoor units requiring function setting.

## ● Resetting the power after setting up function of all indoor units

### NOTES:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.

However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

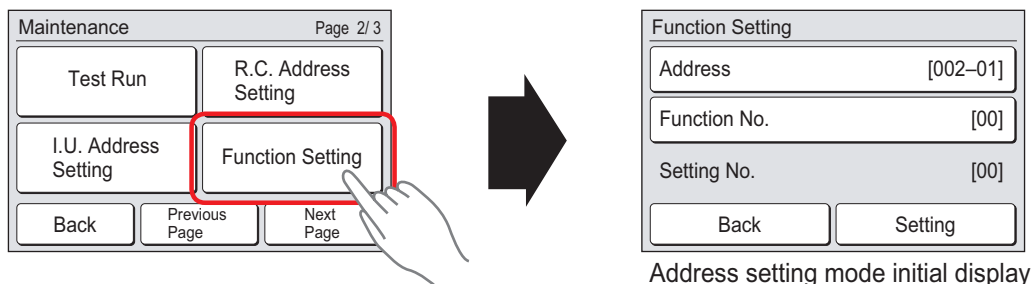
## ■ UTY-RNRYZ\*

### ● Setting procedure by using wired remote controller

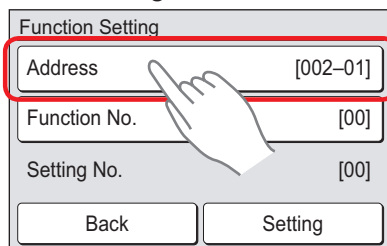
The function number and the associated setting value are displayed on the LCD of the remote controller. Follow the instructions written in the local setup procedure supplied with the remote controller, and select appropriate setting according to the installation environment.

Before connecting the power supply of the indoor unit, reconfirm following items:

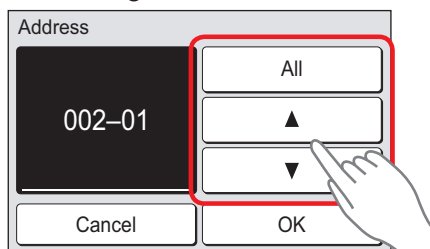
- Piping air tightness test and vacuuming have been performed firmly.
  - There is no wiring mistake.
1. Connect the power supply.
  2. When the “Function Setting” on the “Maintenance” screen is touched, the “Installer Password Verification” screen is displayed. After enter the installer password, and touch the “OK”, “Function Setting” screen is displayed.



3. Touch the “Address” on the “Function Setting” screen.

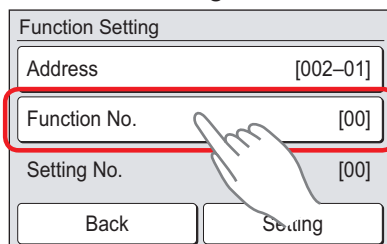


4. “Address” screen is displayed. Select the address of the indoor unit whose function number is be set by touching ▲ or ▼. When setting at all the indoor units, touch “All”.



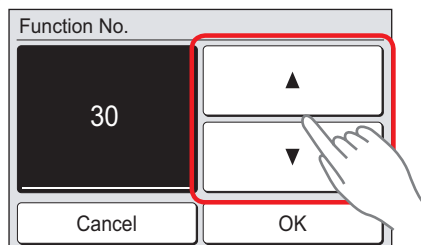
When the “OK” is touched, the display returns to the “Function Setting” screen.

5. Touch the “Function No.” on the “Function Setting” screen.



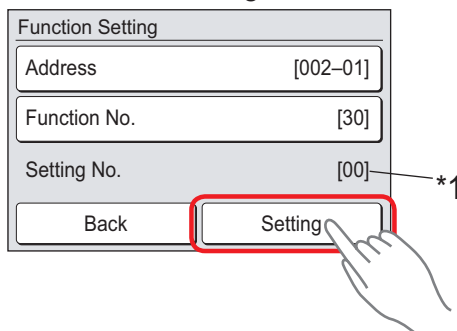


6. "Function No." screen is displayed. Set the "Function No." with ▲ or ▼.



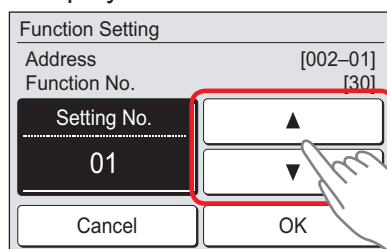
When the "OK" is touched, the display returns to the "Function Setting" screen.

7. Touch the "Function No." on the "Function Setting" screen.



**NOTE:** \*1: When "All" is chosen by "5", and different set up "Setting No." from two or more indoor units, "-" is displayed on "Setting No.".

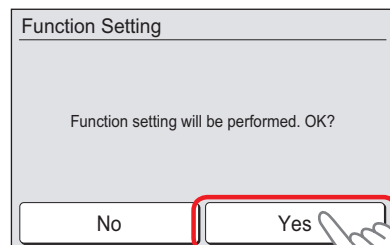
8. Setting screen of "Setting No." is displayed. Set the "Function No." with ▲ or ▼.



Example: Function number: 30, Setting Number: 01

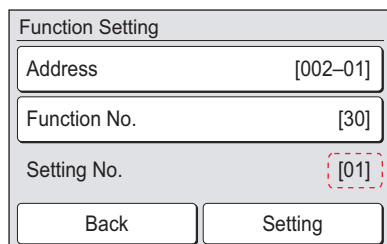
When the "OK" is touched, the "Function Setting" verification screen is displayed.

9. Touch the “Yes” of the verification screen.

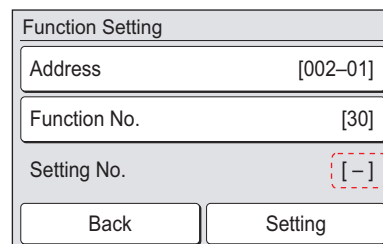


In case of “OK”

In case of “ERROR”

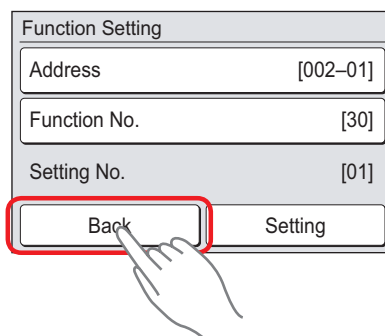


When the data was normally set up on the indoor unit



When the data was not set up on the indoor unit ( [-] is displayed.), set up the data again according to the procedure in step 4 to 7 above

10. When the “Back” on the “Function Setting” screen is touched, the display returns to the “Maintenance” screen.



## ● Setting up each indoor unit

Repeat the procedure from step 1 to 6, and set up the indoor units requiring function setting.

## ● Resetting the power after setting up function of all indoor units

### NOTES:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off. However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

## ■ UTY-RVRY

### ● Function setting procedure

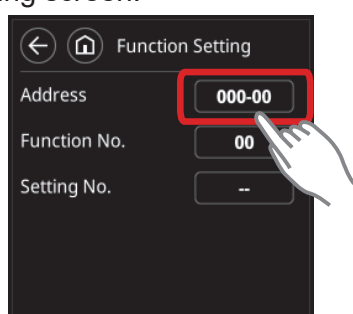
1. Tap the menu as shown below.



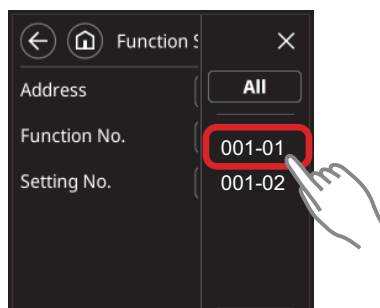
Enter the Admin password.

Enter the Installer password.

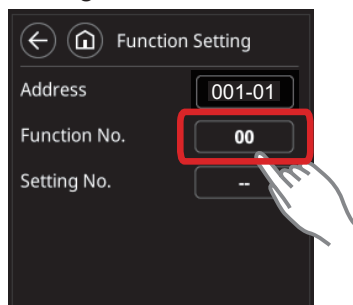
2. Tap "Address" on the Function Setting screen.



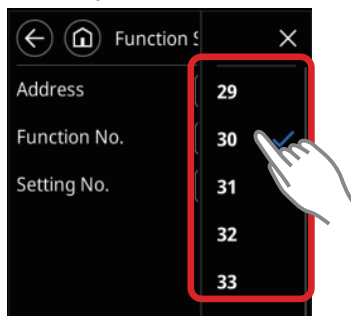
3. Pull-down window of indoor unit address is displayed. Select the address of the indoor unit whose function number is to be set.



4. Tap "Function No." on the Function Setting screen.



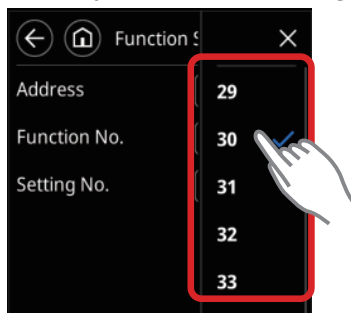
5. Pull-down window of Function No. is displayed. Set the Function No to be set.



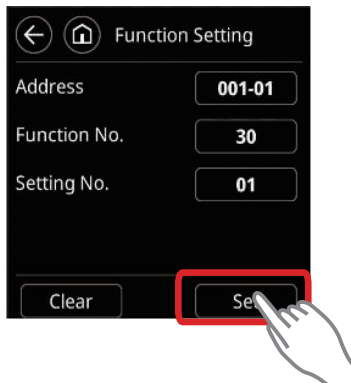
6. Tap "Setting No." on the Function Setting screen.



7. Pull-down window of "Setting No." is displayed. Set the Setting No.



8. Tap "Set" on the verification screen.



Tap  to return to the Initial Setting screen.

## 15-5. Indoor unit (setting by simple remote controller)

- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit malfunction.
- After the power is turned on, perform the “Function setting” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function number or Setting number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- This function cannot be used on the secondary units.

### ■ Preparation

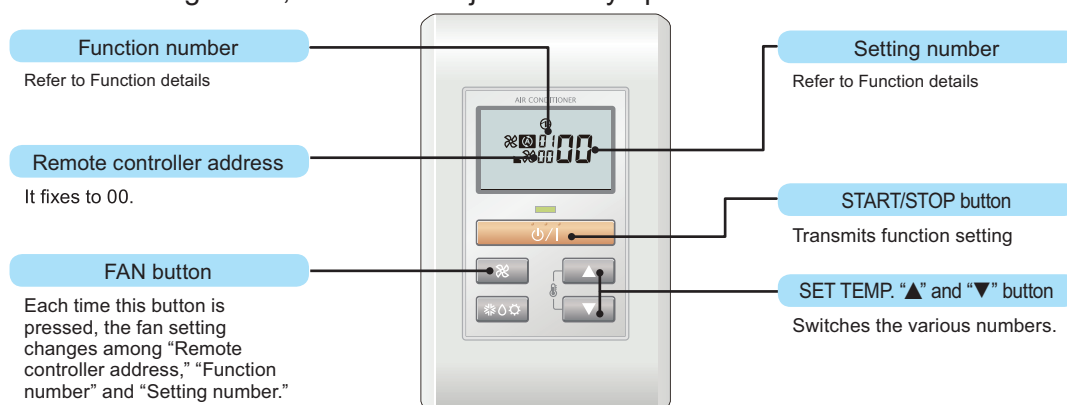
Before connecting the power supply of the indoor unit, reconfirm following items:

- Piping air tightness test and vacuuming have been performed firmly.
- There is no wiring mistake. Then, connect the power supply of the indoor unit.

## ■ UTY-RSNYM

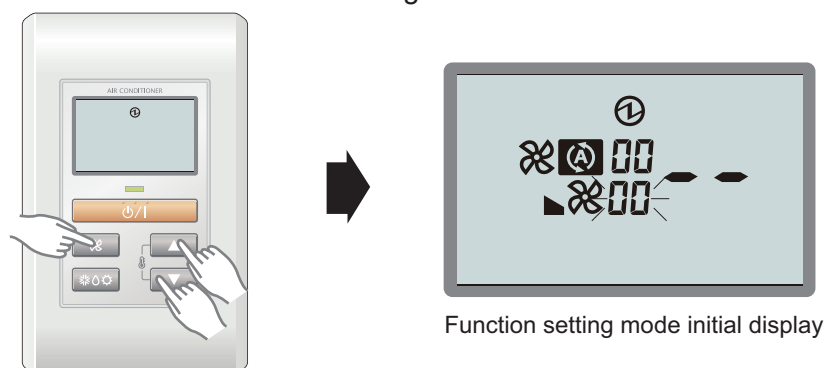
### ● Button name and function

During address setting mode, indoor unit reject the any operation command from remote controller.

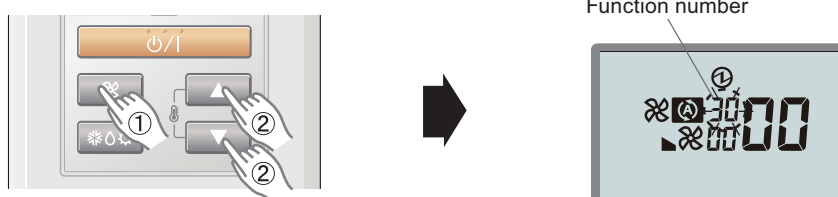


### ● Function setting procedure

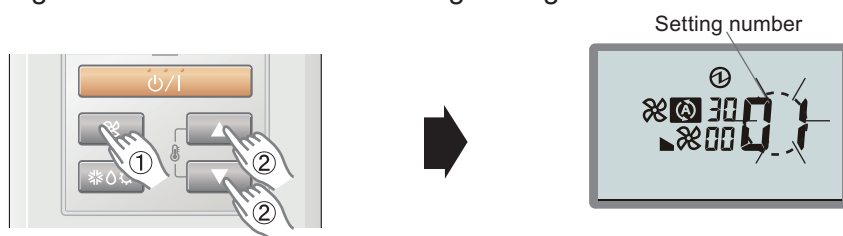
1. Connect the power supply of the outdoor unit.
2. Switch to the function setting mode.  
To enter the function setting mode, hold down the 3 buttons of SET TEMP. ▲, SET TEMP. ▼ and FAN at the same time for 5 seconds or longer.



3. Press the FAN button.  
The Function number indicator flashes. Then, press either the SET TEMP. ▲ button or the SET TEMP. ▼ button to set up the function number.

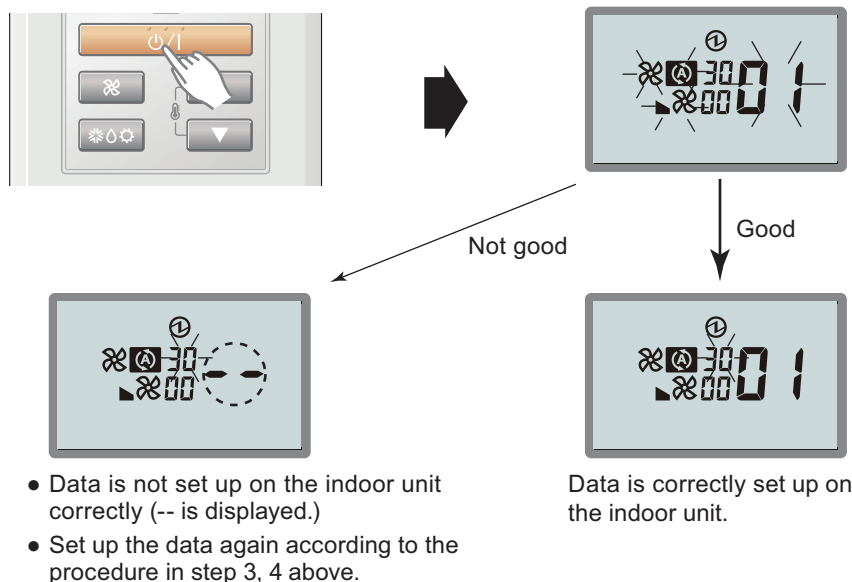


4. Select the setting number by pressing the SET TEMP. ▲ or SET TEMP. ▼ button. The setting number indicator flashes during setting number selection.



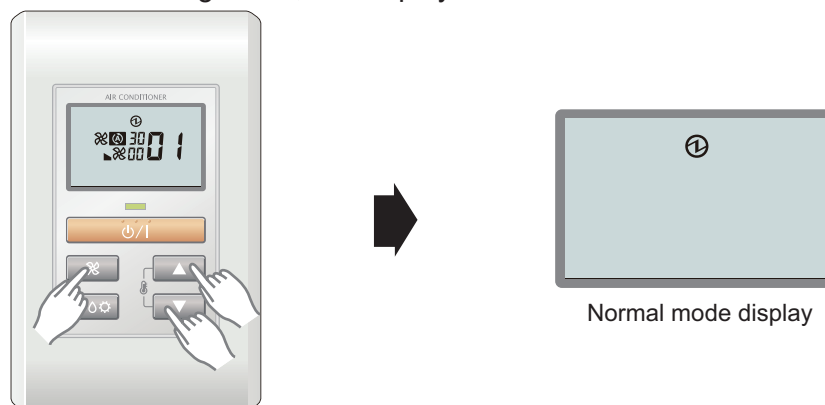
Example) Function number : 30, Setting number : 01

5. Confirm the setting by pressing the TIMER SET button. The data will be transferred to the indoor unit.



Function details: Refer to Chapter 15-6. ["Function details"](#) on page 258.

6. Exit the function setting mode by pressing the 3 buttons of SET TEMP. ▲, SET TEMP. ▼, and FAN at the same time for 5 seconds or longer. After exiting the function setting mode, the display returns to the normal mode.



If no button is pressed within 60 seconds after buttons mentioned above are pressed, it will automatically exit the function setting mode.

If you exit the function setting mode unintentionally during setting, enter the mode again according to the procedure in step 2.

## ● Setting up each indoor unit

Repeat the procedures from step 1 to 6, and set up the indoor units requiring function setting.

## ● Resetting the power after setting up function of all indoor units

### NOTES:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.  
However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.



## ■ UTY-RSRY/UTY-RHRY

### ● Setting procedure by using wired remote controller

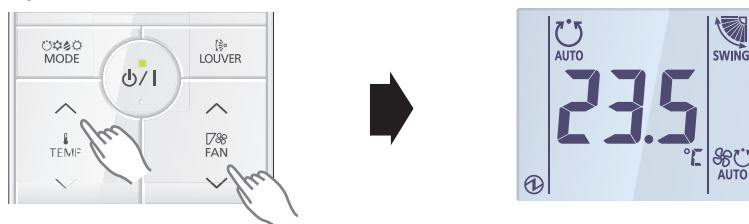
The function number and the associated setting value are displayed on the LCD of the remote controller. Follow the instructions written in the local setup procedure supplied with the remote controller, and select appropriate setting according to the installation environment.

Before connecting the power supply of the indoor unit, reconfirm following items:

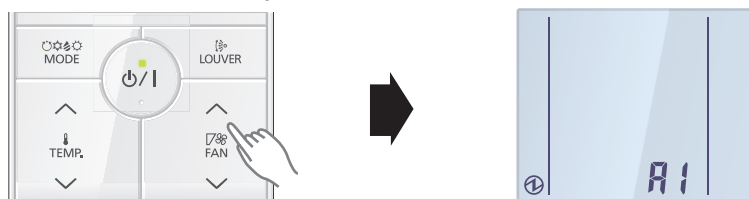
- Piping air tightness test and vacuuming have been performed firmly.
- There is no wiring mistake.

**NOTE:** Set only one Master remote controller.

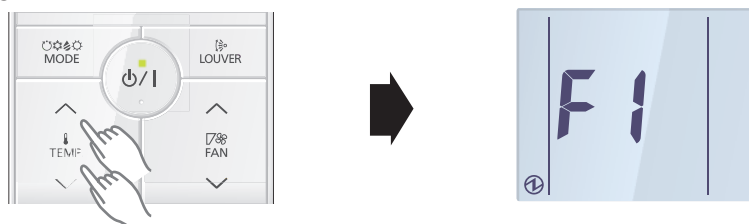
1. Connect the power supply.
2. With "Monitor mode" screen displayed, press and hold the SET TEMP.  $\wedge$  button and FAN  $\vee$  button simultaneously for at least 2 seconds.



3. The Menu 1 screen is displayed. Press and hold the SET TEMP.  $\wedge$  button at least 2 seconds. Setting mode selection screen is displayed.



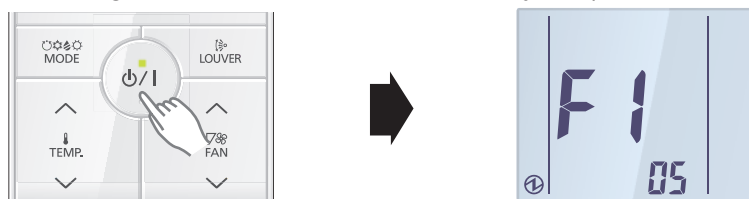
4. Press the SET TEMP.  $\wedge$  or SET TEMP.  $\vee$  button to select F1 (Menu 2-F1) setting mode or F2 (Menu 2-F2) setting mode.



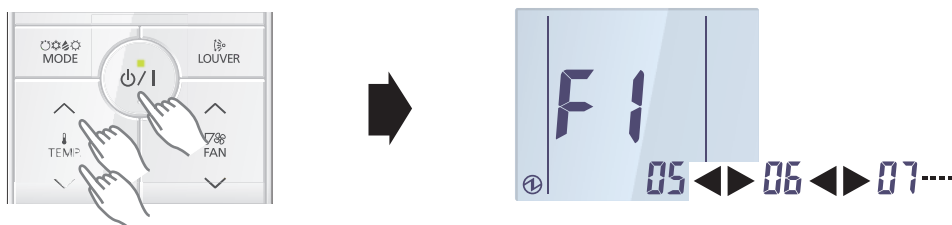
F1: Initial settings mode

F2: Maintenance settings mode

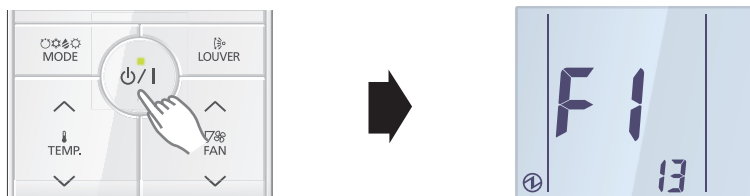
5. Press the  $\phi/I$  button. Setting item selection screen is displayed. (Item No. is displayed.)



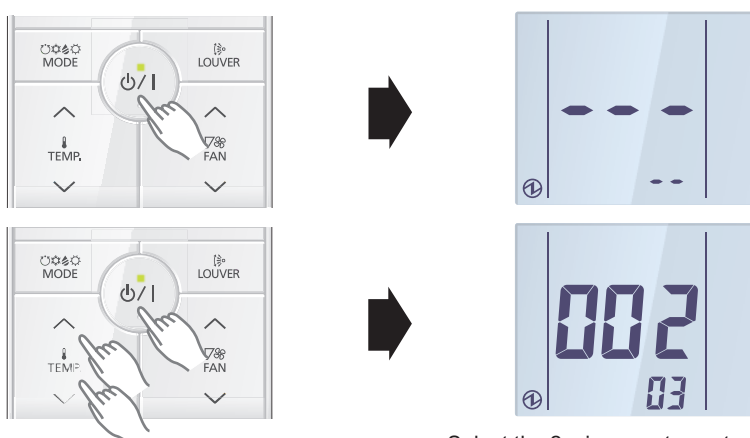
6. Select the item number to be set with the SET TEMP.  $\wedge$  or SET TEMP.  $\vee$  button, and press the  $\phi/I$  button to switch to the setting screen.



7. Select the "13" in Menu 2-F1 settings. Then, press the  $\phi/I$  button.

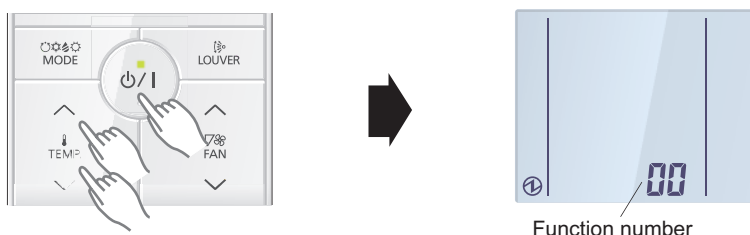


8. Select the 2-wire remote controller address with the SET TEMP.  $\wedge$  or SET TEMP.  $\vee$  button. Then press the  $\phi/I$  button.

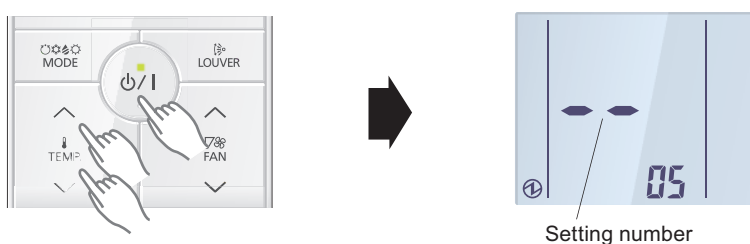


Select the 2-wire remote controller address (Ex. Select the 002-03)

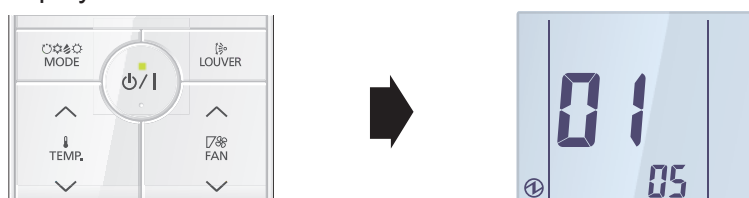
9. Set the function number with the SET TEMP.  $\wedge$  or SET TEMP.  $\vee$  button. Then press the  $\phi/I$  button.



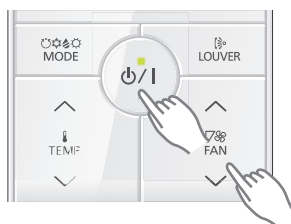
10. Set the setting number with the SET TEMP.  $\wedge$  or SET TEMP.  $\vee$  button. Then press the  $\phi/I$  button.



11. Setting results are displayed after data transmission.



12. Press the  $\phi$ /I button to return to the 2-wire remote controller address selection screen of step 9. If setting has been completed, press the FAN  $\checkmark$  button to return to the Menu 2-F1 item selection screen.



## ● Setting up each indoor unit

Repeat the procedure from step 1 to 6, and set up the indoor units requiring function setting.

## ● Resetting the power after setting up function of all indoor units

### NOTES:

- If the reset is not performed, function cannot be read correctly.
- After all the functions have been set, the circuit breaker needs to be switched off for at least 2 minutes.
  - After the 2 minutes has passed, power can be restored.
  - The set function is stored in the PCB and will remain in memory even when the power of indoor unit is turned off.  
However setting function is effective after disconnecting the power supply and then reconnecting it.
- Record the latest configuration of the indoor unit function setting on a label, and put the label on the unit so it can be used for after-sales service operations.

## 15-6. Function details

### ■ Contents of function setting

Each function setting listed in this section is adjustable in accordance with the installation environment.

**NOTE:** Setting will not be changed if invalid numbers or setting values are selected.

### ● Function setting list

|     | Function no. | Functions                                                   | Compact cassette | Mini duct | Slim duct | Medium static pressure duct | Floor |
|-----|--------------|-------------------------------------------------------------|------------------|-----------|-----------|-----------------------------|-------|
| 1)  | 11           | Filter sign                                                 | ●                | ●         | ●         | ●                           | ●     |
| 2)  | 20           | Ceiling height                                              | ●                | —         | —         | —                           | —     |
| 3)  | 22           | Outlet directions                                           | ●                | —         | —         | —                           | —     |
| 4)  | 26           | Static pressure                                             | —                | ●         | ●         | ●                           | —     |
| 5)  | 30/31        | Room temperature control for indoor unit sensor             | ●                | ●         | ●         | ●                           | ●     |
| 6)  | 35/36        | Room temperature control for wired remote controller sensor | ●                | ●         | ●         | ●                           | —     |
| 7)  | 40           | Auto restart                                                | ●                | ●         | ●         | ●                           | ●     |
| 8)  | 42           | Room temperature sensor switching                           | ●                | ●         | ●         | ●                           | ●     |
| 9)  | 44           | Remote controller custom code                               | ●                | ●         | ●         | ●                           | ●     |
| 10) | 46           | External input control                                      | ●                | ●         | ●         | ●                           | ●     |
| 11) | 48           | Room temperature sensor switching (Aux.)                    | ●                | ●         | ●         | ●                           | —     |
| 12) | 49           | Indoor unit fan control for energy saving for cooling       | ●                | ●         | ●         | ●                           | —     |
| 13) | 60           | Switching functions for external output terminal            | ●                | ●         | ●         | ●                           | ●     |
| 14) | 68           | Auto mode type                                              | —                | —         | —         | ●                           | —     |
| 15) | 69           | Deadband value                                              | —                | —         | —         | ●                           | —     |

|     | Function no. | Functions                                                   | Wall mounted |           |      |      |
|-----|--------------|-------------------------------------------------------------|--------------|-----------|------|------|
|     |              |                                                             | KMCG (-B)    | KETF (-B) | KGTG | KNCA |
| 1)  | 11           | Filter sign                                                 | ●            | ●         | ●    | ●    |
| 2)  | 20           | Ceiling height                                              | —            | —         | —    | —    |
| 3)  | 22           | Outlet directions                                           | —            | —         | —    | —    |
| 4)  | 26           | Static pressure                                             | —            | —         | —    | —    |
| 5)  | 30/31        | Room temperature control for indoor unit sensor             | ●            | ●         | ●    | ●    |
| 6)  | 35/36        | Room temperature control for wired remote controller sensor | ●            | ●         | ●    | —    |
| 7)  | 40           | Auto restart                                                | ●            | ●         | ●    | ●    |
| 8)  | 42           | Room temperature sensor switching                           | ●            | ●         | ●    | —    |
| 9)  | 44           | Remote controller custom code                               | ●            | ●         | ●    | ●    |
| 10) | 46           | External input control                                      | ●            | ●         | ●    | —    |
| 11) | 48           | Room temperature sensor switching (Aux.)                    | ●            | ●         | ●    | —    |
| 12) | 49           | Indoor unit fan control for energy saving for cooling       | ●            | ●         | ●    | ●    |
| 13) | 60           | Switching functions for external output terminal            | ●            | ●         | ●    | —    |

### 1) Filter sign

Select appropriate intervals for displaying the filter sign on the indoor unit according to the estimated amount of dust in the air of the room.

If the indication is not required, select "No indication" (03).

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 11              | 00            | Standard            |                 |
|                 | 01            | Long interval       |                 |
|                 | 02            | Short interval      |                 |
|                 | 03            | No indication       | ◆               |

| Setting description | Compact cassette | Medium static pressure duct | Mini duct   | Slim duct | Wall mounted |
|---------------------|------------------|-----------------------------|-------------|-----------|--------------|
| Standard            | 2,500 hours      |                             | 400 hours   |           |              |
| Long interval       | 4,400 hours      |                             | 1,000 hours |           |              |
| Short interval      | 1,250 hours      |                             | 200 hours   |           |              |

### 2) Ceiling height (for Compact cassette type only)

Select the appropriate ceiling height according to the place of installation.

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 20              | 00            | Standard            | ◆               |
|                 | 01            | High ceiling        |                 |

For the specific height for each setting value, refer to "Installation space" in Chapter 4. ["Dimensions"](#) on page 15.

**NOTE:** The ceiling height values are for the 4-way outlet. Do not change this setting in the 3-way outlet mode.

7,000 or 9,000 Btu/h models cannot be installed in high ceilings. Do not change this setting.

**3) Outlet directions (for Compact cassette type only)**

Select the appropriate number of outlet directions according to the installation conditions.

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 22              | 00            | 4-way               | ◆               |
|                 | 01            | 3-way               |                 |

**4) Static pressure (for Mini duct type, Slim duct type, and Medium static pressure duct type)**

Select the appropriate static pressure according to the installation conditions.

**For mini duct type:**

| Function number | Setting value | Setting description                                   | Factory setting |
|-----------------|---------------|-------------------------------------------------------|-----------------|
| 26              | 00            | 0 Pa                                                  |                 |
|                 | 01            | 10 Pa                                                 |                 |
|                 | 02            | 20 Pa                                                 |                 |
|                 | 03            | 30 Pa                                                 |                 |
|                 | 04            | 40 Pa                                                 |                 |
|                 | 05            | 50 Pa                                                 |                 |
|                 | 31            | Standard (10 Pa: 07; 09; 12 models, 15 Pa: 14 models) | ◆               |

**NOTES:**

- Range of static pressure is different by model. 07, 09, 12 models are 0 to 30 Pa. 14 model are 0 to 50 Pa.
- Setting number in 07, 09, 12 models is “04 to 30”: Operation is same as that “03”.
- Setting number in 14 model is “06 to 30”: Operation is same as that “05”.
- Setting number value cannot be set to 32 or more.

**For slim duct type:**

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 26              | 00            | 0 Pa                |                 |
|                 | 01            | 10 Pa               |                 |
|                 | 02            | 20 Pa               |                 |
|                 | 03            | 30 Pa               |                 |
|                 | 04            | 40 Pa               |                 |
|                 | 05            | 50 Pa               |                 |
|                 | 06            | 60 Pa               |                 |
|                 | 07            | 70 Pa               |                 |
|                 | 08            | 80 Pa               |                 |
|                 | 09            | 90 Pa               |                 |
|                 | 31            | Standard (25 Pa)    | ◆               |

**For medium static pressure duct type:**

| Function number | Setting value | Setting description          | Factory setting |
|-----------------|---------------|------------------------------|-----------------|
| 26              | 03            | 30 Pa                        |                 |
|                 | 04            | 40 Pa                        |                 |
|                 | 05            | 50 Pa                        |                 |
|                 | 06            | 60 Pa                        |                 |
|                 | 07            | 70 Pa                        |                 |
|                 | 08            | 80 Pa                        |                 |
|                 | 09            | 90 Pa                        |                 |
|                 | 10            | 100 Pa                       |                 |
|                 | 11            | 110 Pa                       |                 |
|                 | 12            | 120 Pa                       |                 |
|                 | 13            | 130 Pa                       |                 |
|                 | 14            | 140 Pa                       |                 |
|                 | 15            | 150 Pa                       |                 |
|                 | 31            | Standard (40 Pa)             | ◆               |
|                 | 32            | Automatic airflow adjustment |                 |

## 5) Room temperature control for indoor unit sensor

**NOTE:** If the remote sensor unit option is selected, perform this setting.

Depending on the installed environment, correction of the room temperature sensor may be required. Select the appropriate control setting according to the installed environment.

The temperature of the room temperature sensor is corrected as follows:

Corrected temp. = Temp. of the room temp. sensor - Correction temp. value

Example of correction:

When the temperature of the room temp. sensor is 26°C and the setting value is "03" (-1.0°C), corrected temp. will be 27°C (26°C - [-1.0°C]).

The temperature correction values show the difference from the Standard setting "00" (manufacturer's recommended value).

| Function number     |                     | Setting value | Setting description | Factory setting              |
|---------------------|---------------------|---------------|---------------------|------------------------------|
| 30<br>(For cooling) | 31<br>(For heating) | 00            | Standard setting    | ◆                            |
|                     |                     | 01            | No correction 0.0°C |                              |
|                     |                     | 02            | -0.5°C              | More cooling<br>Less heating |
|                     |                     | 03            | -1.0°C              |                              |
|                     |                     | 04            | -1.5°C              |                              |
|                     |                     | 05            | -2.0°C              |                              |
|                     |                     | 06            | -2.5°C              |                              |
|                     |                     | 07            | -3.0°C              |                              |
|                     |                     | 08            | -3.5°C              |                              |
|                     |                     | 09            | -4.0°C              |                              |
|                     |                     | 10            | +0.5°C              | Less cooling<br>More heating |
|                     |                     | 11            | +1.0°C              |                              |
|                     |                     | 12            | +1.5°C              |                              |
|                     |                     | 13            | +2.0°C              |                              |
|                     |                     | 14            | +2.5°C              |                              |
|                     |                     | 15            | +3.0°C              |                              |
|                     |                     | 16            | +3.5°C              |                              |
|                     |                     | 17            | +4.0°C              |                              |



## 6) Room temperature control for wired remote controller sensor (for other than Floor type and KN models in Wall-mounted type)

Depending on the installed environment, correction of the wire remote temperature sensor may be required. Select the appropriate control setting according to the installed environment.

To change this setting, set Function 42 to Both "01".

Ensure that the Thermo Sensor icon is displayed on the remote controller screen.

| Function number     |                     | Setting value | Setting description | Factory setting              |
|---------------------|---------------------|---------------|---------------------|------------------------------|
| 35<br>(For cooling) | 36<br>(For heating) | 00            | Standard setting    | ◆                            |
|                     |                     | 01            | No correction 0.0°C |                              |
|                     |                     | 02            | -0.5°C              | More cooling<br>Less heating |
|                     |                     | 03            | -1.0°C              |                              |
|                     |                     | 04            | -1.5°C              |                              |
|                     |                     | 05            | -2.0°C              |                              |
|                     |                     | 06            | -2.5°C              |                              |
|                     |                     | 07            | -3.0°C              |                              |
|                     |                     | 08            | -3.5°C              |                              |
|                     |                     | 09            | -4.0°C              |                              |
|                     |                     | 10            | +0.5°C              | Less cooling<br>More heating |
|                     |                     | 11            | +1.0°C              |                              |
|                     |                     | 12            | +1.5°C              |                              |
|                     |                     | 13            | +2.0°C              |                              |
|                     |                     | 14            | +2.5°C              |                              |
|                     |                     | 15            | +3.0°C              |                              |
|                     |                     | 16            | +3.5°C              |                              |
|                     |                     | 17            | +4.0°C              |                              |

## 7) Auto restart

Enables or disables automatic restart after a power interruption.

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 40              | 00            | Enable              | ◆               |
|                 | 01            | Disable             |                 |

**NOTE:** Auto restart is an emergency function such as for power outage etc. Do not attempt to use this function in normal operation. Be sure to operate the unit by remote controller or external device.

## 8) Room temperature sensor switching (for other than KN models in Wall-mounted type)

When using the wired remote controller temperature sensor, change the setting to "Both" (01).

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 42              | 00            | Indoor unit         | ◆               |
|                 | 01            | Both                |                 |

00: Sensor on the indoor unit is active.

01: Sensors on both indoor unit and wired remote controller are active.

### NOTES:

- Remote controller sensor must be turned on by using the remote controller.
- When using the remote sensor unit, set to "00" or set to "01" and then select "indoor unit sensor" from wired remote controller.

**9) Remote controller custom code**

(Only for wireless remote controller)

The indoor unit custom code can be changed. Select the appropriate custom code.

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 44              | 00            | A                   | ◆               |
|                 | 01            | B                   |                 |
|                 | 02            | C                   |                 |
|                 | 03            | D                   |                 |

**10) External input control**

“Operation/Stop” mode or “Forced stop” mode can be selected.

| Function number | Setting value | Setting description                                   | Factory setting |
|-----------------|---------------|-------------------------------------------------------|-----------------|
| 46              | 00            | Operation/Stop mode 1<br>(Remote controller enabled)  | ◆               |
|                 | 01            | (Setting prohibited)                                  |                 |
|                 | 02            | Forced stop mode                                      |                 |
|                 | 03            | Operation/Stop mode 2<br>(Remote controller disabled) |                 |

**NOTE:** If this function is necessary, the rotary switch on the External input and output PCB should be set to 1.

**11) Room temperature sensor switching (Aux.) (for other than Floor type and KN models in Wall-mounted type)**

To use the temperature sensor on the wired remote controller only, change the setting to “Wired remote controller” (01).

This function will only work if the function setting 42 is set at “Both” (01).

When the setting value is set to “Both” (00), more suitable control of the room temperature is possible by setting function setting 30 and 31 too.

| Function number | Setting value | Setting description     | Factory setting |
|-----------------|---------------|-------------------------|-----------------|
| 48              | 00            | Both                    | ◆               |
|                 | 01            | Wired remote controller |                 |

**12) Indoor unit fan control for energy saving for cooling (for other than Floor type)**

Enables or disables the power-saving function by controlling the indoor unit fan rotation when the outdoor unit is stopped during cooling operation.

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 49              | 00            | Disable             |                 |
|                 | 01            | Enable              |                 |
|                 | 02            | Remote controller   | ◆               |

00: When the outdoor unit is stopped, the indoor unit fan operates continuously following the setting on the remote controller.

01: When the outdoor unit is stopped, the indoor unit fan operates intermittently at a very low speed.

02: Enable or disable this function by remote controller setting.

**NOTE:** Set to “00” or “01” when connecting a remote controller that cannot set the Fan control for energy saving function or connecting a network converter. To confirm if the remote controller has this setting, refer to the operating manual of each remote controller.

### 13) Switching functions for external output terminal (For other than KETA[-B] and KN models in Wall-mounted type)

Functions of the external output terminal can be switched. For details, refer to “External input and output”.

| Function number | Setting value | Setting description              | Factory setting |
|-----------------|---------------|----------------------------------|-----------------|
| 60              | 00            | Operation status                 | ◆               |
|                 | 01—08         | (Setting prohibited)             |                 |
|                 | 09            | Error status                     |                 |
|                 | 10            | Indoor unit fan operation status |                 |
|                 | 11            | (Setting prohibited)             |                 |

### 14) Auto mode type (for Medium static pressure duct type)

Switches the setting method of the auto mode between single or dual (cooling and heating.)

Set the primary indoor unit using a wired remote controller for heat pump systems.

| Function number | Setting value | Setting description       | Factory setting |
|-----------------|---------------|---------------------------|-----------------|
| 68              | 00            | Single setpoint auto mode | ◆               |
|                 | 01            | Dual setpoint auto mode   |                 |

**NOTE:** The auto mode type setting is available only if a compatible operating device is connected.

### 15) Deadband value (for Medium static pressure duct type)

Sets the minimum temperature of the deadband in the dual setpoint auto mode (the setting value 01 of the function setting number 68: Auto mode type.)

| Function number | Setting value | Setting description | Factory setting |
|-----------------|---------------|---------------------|-----------------|
| 69              | 00            | 0°C                 | ◆               |
|                 | 01            | 0.5°C               |                 |
|                 | 02            | 1.0°C               |                 |
|                 | 03            | 1.5°C               |                 |
|                 | 04            | 2.0°C               |                 |
|                 | 05            | 2.5°C               |                 |
|                 | 06            | 3.0°C               |                 |
|                 | 07            | 3.5°C               |                 |
|                 | 08            | 4.0°C               |                 |
|                 | 09            | 4.5°C               |                 |

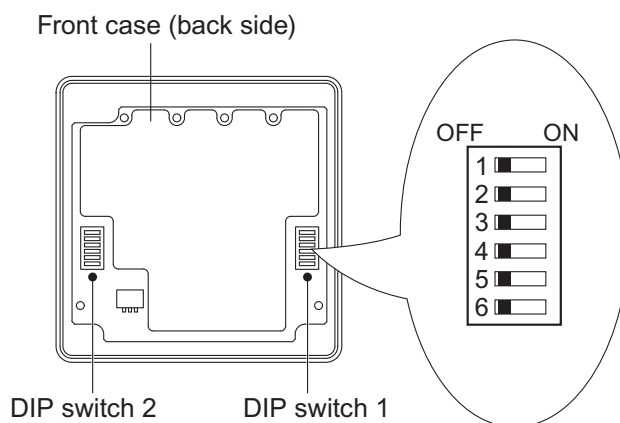
**NOTE:** The deadband setting is available only if a compatible operating device is connected.

## 15-7. Wired remote controller (UTY-RNNYM)

|              |     |                                |
|--------------|-----|--------------------------------|
| DIP switch 1 | SW1 | Prohibited                     |
|              | SW2 | Dual remote controller setting |
|              | SW3 | Prohibited                     |
|              | SW4 | °F/°C switch                   |
|              | SW5 | Prohibited                     |
|              | SW6 | Memory backup setting          |

\* Do not use DIP switch 2.

### Switch location

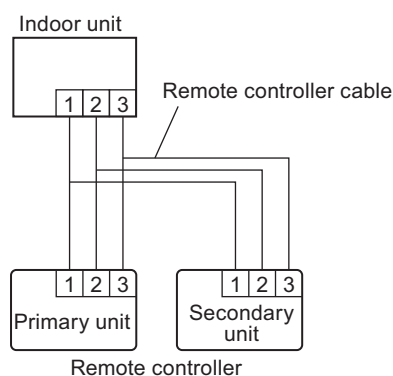


### DIP switch 1 setting

#### SW2: Dual remote controller setting

Set the remote controller SW2 according to the following table.

| Number of remote controller | Primary unit | Secondary unit | Factory setting |
|-----------------------------|--------------|----------------|-----------------|
|                             | SW2          | SW2            |                 |
| 1 (Normal)                  | OFF          | —              | ◆               |
| 2 (Dual)                    | OFF          | ON             |                 |



#### SW4: Switching temperature unit °F / °C

Displayed temperature unit can be switched between Fahrenheit (°F) and Celsius (°C).

| SW4 | Fahrenheit (°F) / Celsius (°C) | Factory setting |
|-----|--------------------------------|-----------------|
| OFF | °C                             | ◆               |
| ON  | °F                             |                 |

## ● SW6: Memory backup setting

Set to “ON” to use batteries for the memory backup.

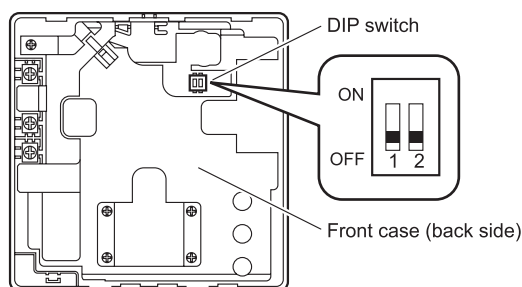
When batteries are not used, all of settings stored in memory will be deleted if there is a power failure.

| SW6 | Memory backup | Factory setting |
|-----|---------------|-----------------|
| OFF | Disable       | ◆               |
| ON  | Enable        |                 |

## 15-8. Wired remote controller (UTY-RVNYM)

|              |     |                                |
|--------------|-----|--------------------------------|
| DIP switch 1 | SW1 | Memory backup setting          |
|              | SW2 | Dual remote controller setting |

### ■ Switch location



### ■ DIP switch setting

#### ● SW1: Memory backup setting

Set to "ON" to use batteries for the memory backup.

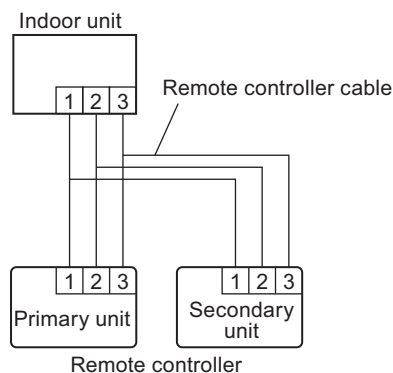
When batteries are not used, all of settings stored in memory will be deleted if there is a power failure.

| SW1 | Memory backup | Factory setting |
|-----|---------------|-----------------|
| OFF | Disable       | ◆               |
| ON  | Enable        |                 |

#### ● SW2: Dual remote controller setting

Set the remote controller SW2 according to the following table.

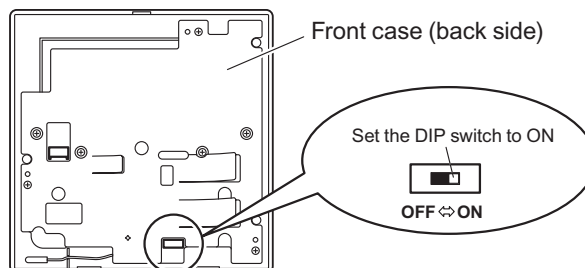
| Number of remote controller | Primary unit | Secondary unit | Factory setting |
|-----------------------------|--------------|----------------|-----------------|
|                             | SW2          | SW2            |                 |
| 1 (Normal)                  | OFF          | —              | ◆               |
| 2 (Dual)                    | OFF          | ON             |                 |



## 15-9. Wired remote controller (UTY-RLRY)

|            |                       |
|------------|-----------------------|
| DIP switch | Memory backup setting |
|------------|-----------------------|

### ■ Switch location



### ■ Dip switch setting

#### ● SW1: Memory backup setting

Set to "ON" to use batteries for the memory backup.

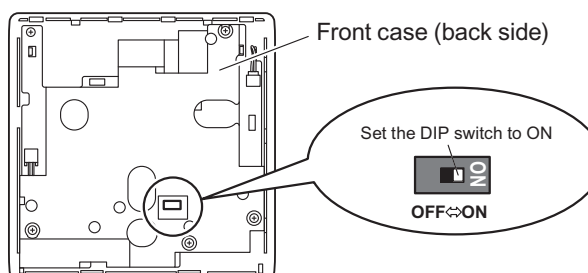
When batteries are not used, all of settings stored in memory will be deleted if there is a power failure.

| SW1 | Memory backup | Factory setting |
|-----|---------------|-----------------|
| OFF | Disable       | ◆               |
| ON  | Enable        |                 |

## 15-10. Wired remote controller (UTY-RNRYZ\*)

|            |                       |
|------------|-----------------------|
| DIP switch | Memory backup setting |
|------------|-----------------------|

### ■ Switch location



### ■ Dip switch setting

#### ● SW1: Memory backup setting

Set to "ON" to use batteries for the memory backup.

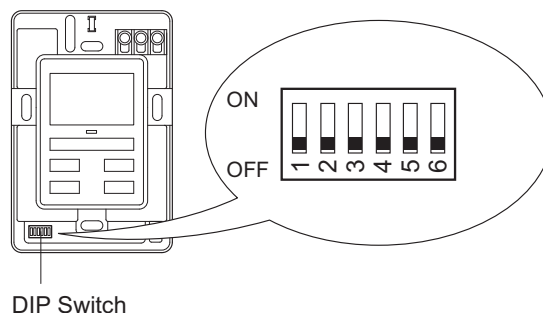
When batteries are not used, all of settings stored in memory will be deleted if there is a power failure.

| SW1 | Memory backup | Factory setting |
|-----|---------------|-----------------|
| OFF | Disable       | ◆               |
| ON  | Enable        |                 |

## 15-11. Simple remote controller (UTY-RSNYM)

|            |     |                                |
|------------|-----|--------------------------------|
| DIP switch | SW1 | Prohibited                     |
|            | SW2 | Dual remote controller setting |
|            | SW3 | °F/°C switch                   |
|            | SW4 | Prohibited                     |
|            | SW5 | Prohibited                     |
|            | SW6 | Prohibited                     |

### ■ Switch location

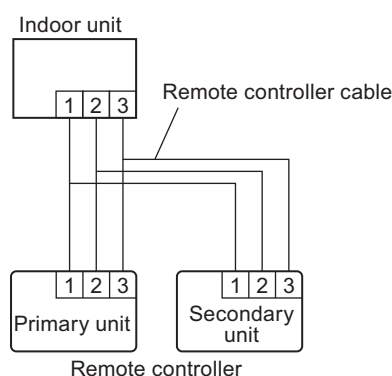


### ■ DIP switch setting

#### ● SW2: Dual remote controller setting

Set the remote controller SW2 according to the following table.

| Number of remote controller | Primary unit | Secondary unit | Factory setting |
|-----------------------------|--------------|----------------|-----------------|
|                             | SW2          | SW2            |                 |
| 1 (Normal)                  | OFF          | —              | ◆               |
| 2 (Dual)                    | OFF          | ON             |                 |



#### ● SW3: Switching temperature unit °F / °C

Displayed temperature unit can be switched between Fahrenheit (°F) and Celsius (°C).

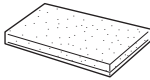
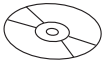
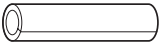
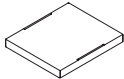
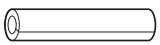
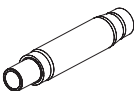
| SW3 | Fahrenheit (°F) / Celsius (°C) | Factory setting |
|-----|--------------------------------|-----------------|
| OFF | °C                             | ◆               |
| ON  | °F                             |                 |



## 16. Accessories

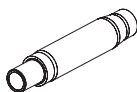
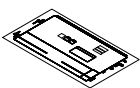
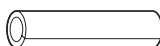
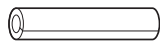
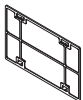
### 16-1. Compact cassette type

#### ■ Models: AUXG07-14KVLA

| Part name                           | Exterior                                                                            | Qty | Part name                       | Exterior                                                                              | Qty |
|-------------------------------------|-------------------------------------------------------------------------------------|-----|---------------------------------|---------------------------------------------------------------------------------------|-----|
| Operation manual                    |    | 1   | Drain hose insulation           |    | 1   |
| Operation manual (CD-ROM)           |    | 1   | Hose band                       |    | 1   |
| Installation manual                 |    | 1   | Coupler heat insulation (large) |    | 1   |
| Template (Carton top)               |    | 1   | Coupler heat insulation (small) |    | 1   |
| M10 nut A (with flange)             |   | 4   | Cable tie                       |   | 2   |
| M10 nut B (with spring lock washer) |  | 4   | Wire crimper                    |  | 1   |
| Drain hose                          |  | 1   |                                 |                                                                                       |     |

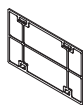
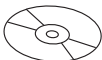
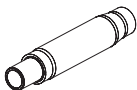
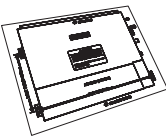
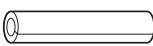
## 16-2. Mini duct type

### ■ Models: ARXG07-14KSLAP

| Part name                          | Exterior                                                                           | Qty | Part name                          | Exterior                                                                             | Qty |
|------------------------------------|------------------------------------------------------------------------------------|-----|------------------------------------|--------------------------------------------------------------------------------------|-----|
| Operation manual                   |   | 1   | Drain hose                         |   | 1   |
| Operation manual (CD-ROM)          |   | 1   | Hose band                          |   | 1   |
| Installation manual                |   | 1   | Drain hose insulation B            |   | 1   |
| Installation template (Carton top) |   | 1   | Washer                             |   | 8   |
| Cable tie (large)                  |   | 4   | Coupler heat insulation (large)    |   | 1   |
| Cable tie (medium)                 |   | 3   | Coupler heat insulation (small)    |   | 1   |
| Filter (small)                     |  | 2   | Insulation (For electrical wiring) |  | 2   |

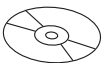
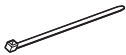
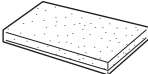
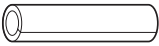
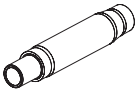
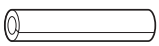
## 16-3. Slim duct type

### ■ Models: ARXG07-14KLLAP

| Part name                 | Exterior                                                                            | Qty | Part name                          | Exterior                                                                              | Qty |
|---------------------------|-------------------------------------------------------------------------------------|-----|------------------------------------|---------------------------------------------------------------------------------------|-----|
| Operation manual          |    | 1   | Filter (small)                     |    | 2   |
| Operation manual (CD-ROM) |    | 1   | Drain hose                         |    | 1   |
| Installation manual       |    | 1   | Hose band                          |    | 1   |
| Installation template     |    | 1   | Drain hose insulation B            |    | 1   |
| Washer                    |    | 8   | Insulation (for electrical wiring) |    | 2   |
| Cable tie (large)         |   | 4   | Coupler heat insulation (large)    |   | 1   |
| Cable tie (medium)        |  | 3   | Coupler heat insulation (small)    |  | 1   |

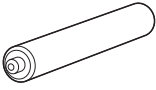
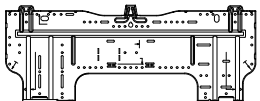
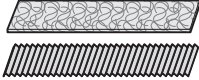
## 16-4. Medium static pressure duct type

### ■ Models: ARXH12–14KMTAP

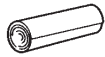
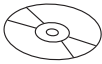
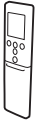
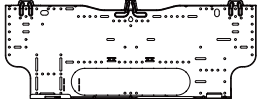
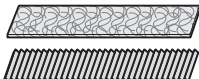
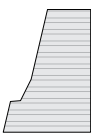
| Part name                       | Exterior                                                                          | Qty | Part name             | Exterior                                                                            | Qty |
|---------------------------------|-----------------------------------------------------------------------------------|-----|-----------------------|-------------------------------------------------------------------------------------|-----|
| Operation manual                |  | 1   | Cable tie (large)     |  | 4   |
| Operation manual (CD-ROM)       |  | 1   | Cable tie (medium)    |  | 1   |
| Installation manual             |  | 1   | Cable tie (small)     |  | 1   |
| Washer                          |  | 8   | Drain hose insulation |  | 1   |
| Coupler heat insulation (large) |  | 1   | Drain hose            |  | 1   |
| Coupler heat insulation (small) |  | 1   | Hose band             |  | 1   |

## 16-5. Wall mounted type

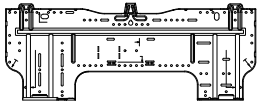
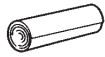
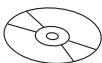
### ■ Models:ASEH07-14KMCG, ASEH07-14KMCG-B, and ASEH07-14KGTG

| Part name                 | Exterior                                                                            | Qty | Part name                  | Exterior                                                                              | Qty |
|---------------------------|-------------------------------------------------------------------------------------|-----|----------------------------|---------------------------------------------------------------------------------------|-----|
| Operation manual          |    | 1   | Cloth tape                 |    | 1   |
| Installation manual       |    | 1   | Self-tapping screw (large) |    | 5   |
| Remote controller         |    | 1   | Self-tapping screw (small) |    | 2   |
| Battery                   |    | 2   | Wall hook bracket          |    | 1   |
| Remote controller holder  |   | 1   | Filter holder              |   | 2   |
| Installation spacer       |  | 1   | Air cleaning filters       |  | 1   |
| Operation manual (CD-ROM) |  | 1   |                            |                                                                                       |     |

## Models: ASEG07-14KETF and ASEG07-14KETF-B

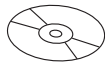
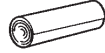
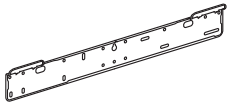
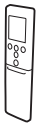
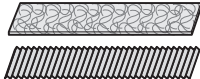
| Part name                         | Exterior                                                                            | Qty | Part name                  | Exterior                                                                            | Qty |
|-----------------------------------|-------------------------------------------------------------------------------------|-----|----------------------------|-------------------------------------------------------------------------------------|-----|
| Operation manual                  |    | 1   | Cloth tape                 |  | 1   |
| Operation manual (CD-ROM)         |    | 1   | Self-tapping screw (large) |  | 5   |
| Installation manual               |    | 1   | Self-tapping screw (small) |  | 2   |
| Remote controller                 |    | 1   | Wall hook bracket          |  | 1   |
| Battery                           |    | 2   | Filter holder              |  | 2   |
| Remote controller holder          |    | 1   | Air cleaning filters       |  | 1   |
| Template (for pipe cover cutting) |  | 1   |                            |                                                                                     |     |

## Models: ASEH05-12KNCA

| Part name                 | Exterior                                                                            | Qty | Part name                  | Exterior                                                                              | Qty |
|---------------------------|-------------------------------------------------------------------------------------|-----|----------------------------|---------------------------------------------------------------------------------------|-----|
| Operation manual          |  | 1   | Self-tapping screw (Large) |  | 5   |
| Installation manual       |  | 1   | Self-tapping screw (Small) |  | 2   |
| Remote controller         |  | 1   | Wall hook bracket          |  | 1   |
| Battery                   |  | 2   | Remote controller holder   |  | 1   |
| Installation spacer       |  | 1   | Cloth tape                 |  | 1   |
| Operation manual (CD-ROM) |  | 1   |                            |                                                                                       |     |

## 16-6. Floor type

### ■ Models: AGE09-14KVCA

| Part name                | Exterior                                                                           | Qty | Part name                   | Exterior                                                                            | Qty |
|--------------------------|------------------------------------------------------------------------------------|-----|-----------------------------|-------------------------------------------------------------------------------------|-----|
| Operation manual         |   | 1   | Operation manual (CD-ROM)   |  | 1   |
| Installation manual      |   | 1   | Cloth tape                  |  | 1   |
| Wall hook bracket        |   | 1   | Self-tapping screws (large) |  | 9   |
| Remote controller        |   | 1   | Self-tapping screws (small) |  | 2   |
| Battery                  |   | 2   | Air cleaning filters        |  | 1   |
| Remote controller holder |  | 1   |                             |                                                                                     |     |

## 17. Optional parts

### 17-1. Controllers

#### ■ Lineup

| Indoor unit type            |          | Type                       |          |          |
|-----------------------------|----------|----------------------------|----------|----------|
|                             |          | Wireless Remote Controller |          |          |
|                             |          | AR-REM7E                   | AR-REW3E | AR-REW4E |
| Compact cassette            |          | —                          | —        | —        |
| Mini duct                   |          | —                          | —        | —        |
| Slim duct                   |          | —                          | —        | —        |
| Medium static pressure duct |          | —                          | —        | —        |
| Floor                       |          | ●                          | —        | —        |
| Wall mounted                | KMCG(-B) | —                          | —        | —        |
|                             | KETF(-B) | —                          | —        | ●        |
|                             | KGTG     | —                          | ●        | —        |
|                             | KNCA     | —                          | —        | —        |

| Indoor unit type            |          | Type                       |          |          |
|-----------------------------|----------|----------------------------|----------|----------|
|                             |          | Wireless Remote Controller |          |          |
|                             |          | AR-RMB1E(-B)               | AR-RPF4E | UTY-LNTY |
| Compact cassette            |          | —                          | —        | ○        |
| Mini duct                   |          | —                          | —        | —        |
| Slim duct                   |          | —                          | —        | —        |
| Medium static pressure duct |          | —                          | —        | —        |
| Floor                       |          | —                          | —        | —        |
| Wall mounted                | KMCG(-B) | ●                          | —        | —        |
|                             | KETF(-B) | —                          | —        | —        |
|                             | KGTG     | —                          | —        | —        |
|                             | KNCA     | —                          | ●        | —        |

| Indoor unit type            |          | Type                    |           |          |          |
|-----------------------------|----------|-------------------------|-----------|----------|----------|
|                             |          | Wired Remote Controller |           |          |          |
|                             |          | UTY-RNNYM               | UTY-RVNYM | UTY-RVRY | UTY-RLRY |
| Compact cassette            |          | ○                       | ○         | ○        | ○        |
| Mini duct                   |          | ○                       | ○         | ○        | ○        |
| Slim duct                   |          | ○                       | ○         | ○        | ○        |
| Medium static pressure duct |          | —                       | —         | ○        | ○        |
| Floor                       |          | —                       | —         | ○*2      | ○*2      |
| Wall mounted                | KMCG(-B) | —                       | —         | ○*1      | ○*1      |
|                             | KETF(-B) | —                       | —         | ○*1      | ○*1      |
|                             | KGTG     | —                       | —         | ○*1      | ○*1      |
|                             | KNCA     | —                       | —         | —        | —        |



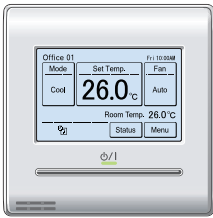
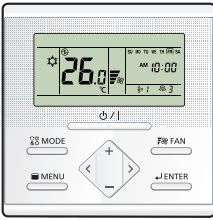
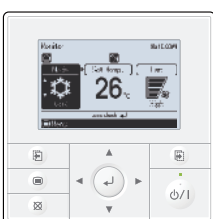
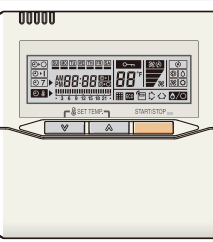
| Indoor unit type            |          | Type                    |            |                                                 |
|-----------------------------|----------|-------------------------|------------|-------------------------------------------------|
|                             |          | Wired Remote Controller |            | IR Receiver Kit with Wireless Remote Controller |
|                             |          | UTY-RNRYZ*              | UTY-RCRYZ1 | UTY-LBTYM                                       |
| Compact cassette            |          | ○                       | ○          | —                                               |
| Mini duct                   |          | ○                       | ○          | ○                                               |
| Slim duct                   |          | ○                       | ○          | ○                                               |
| Medium static pressure duct |          | ○                       | ○          | ○                                               |
| Floor                       |          | ○*1                     | ○*1        | —                                               |
| Wall mounted                | KMCG(-B) | ○*1                     | ○*1        | —                                               |
|                             | KETF(-B) | ○*1                     | ○*1        | —                                               |
|                             | KGTG     | ○*1                     | ○*1        | —                                               |
|                             | KNCA     | —                       | —          | —                                               |

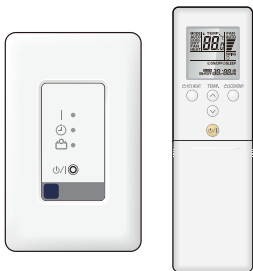
| Indoor unit type            |          | Type                     |          |          |
|-----------------------------|----------|--------------------------|----------|----------|
|                             |          | Simple Remote Controller |          |          |
|                             |          | UTY-RSNYM                | UTY-RSRY | UTY-RHRY |
| Compact cassette            |          | ○                        | ○        | ○        |
| Mini duct                   |          | ○                        | ○        | ○        |
| Slim duct                   |          | ○                        | ○        | ○        |
| Medium static pressure duct |          | —                        | ○        | ○        |
| Floor                       |          | —                        | ○*2      | ○*2      |
| Wall mounted                | KMCG(-B) | —                        | ○*1      | ○*1      |
|                             | KETF(-B) | —                        | ○*1      | ○*1      |
|                             | KGTG     | —                        | ○*1      | ○*1      |
|                             | KNCA     | —                        | —        | —        |

●: Accessory, ○: Optional, —: Not applicable

- \*1: Optional Communication Kit (UTY-TWRXZ2) is necessary for the installation.
- \*2: Optional Communication Kit (UTY-TWRXZ3) is necessary for the installation.

## Parts

| Exterior                                                                            | Part name                             | Model name | Summary                                                                                                                                                                    |
|-------------------------------------------------------------------------------------|---------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Wired Remote Controller (Touch Panel) | UTY-RVRY   | Remote controller that provides the functions you need in a sleek design that uniquely transforms itself to blend with any interior.<br>Wire type: Non-polar 2-wire        |
|    | Wired Remote Controller (Touch Panel) | UTY-RNRYZ* | Easy finger touch operation with LCD panel. Backlit LCD enables easy operation in a dark room.<br>Wire type: Non-polar 2-wire                                              |
|    | Wired Remote Controller               | UTY-RLRY   | High visibility and easy operation. Room temperature can be accurately controlled using the thermo sensor.<br>Wire type: Non-polar 2-wire                                  |
|   | Compact Wired Remote Controller       | UTY-RCRYZ1 | Compact body and easy operation. Room temperature can be accurately controlled using the thermo sensor.<br>Wire type: Non-polar 2-wire                                     |
|  | Wired Remote Controller               | UTY-RVNYM  | Large and full-dot liquid crystal screen, wide and large keys easy to press, user-intuitive arrow key.<br>Wire type: Polar 3-wire                                          |
|  | Wired Remote Controller               | UTY-RNNYM  | Room temperature can be controlled by detecting the temperature accurately with thermo sensor.<br>Wire type: Polar 3-wire                                                  |
|  | Simple Remote Controller              | UTY-RSRY   | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting, and operation mode.<br><br>Wire type: Non-polar 2-wire |

| Exterior                                                                           | Part name                                       | Model name | Summary                                                                                                                                                            |
|------------------------------------------------------------------------------------|-------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | Simple Remote Controller                        | UTY-RHRY   | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, and temperature setting.<br><br>Wire type: Non-polar 2-wire         |
|   | Simple Remote Controller                        | UTY-RSNYM  | Compact remote controller concentrates on the basic functions such as Start/Stop, fan control, temperature setting, and operation mode.<br>Wire type: Polar 3-wire |
|   | IR Receiver Kit with Wireless Remote Controller | UTY-LBTYM  | Unit control is performed by Wireless Remote Controller                                                                                                            |
|  | Wireless Remote Controller                      | UTY-LNTY   | Unit control is performed by Wireless Remote Controller.                                                                                                           |

**NOTES:**

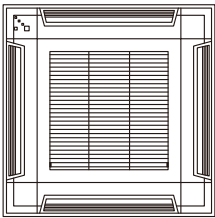
- Available functions may differ by the remote controller. For details, refer to the operation manual.
- When using the group controlling system of the Wired Remote Controller, using WLAN Adapter is prohibited.

## 17-2. Cassette grille

### ■ Lineup

| Indoor unit type | Model      |
|------------------|------------|
| Compact cassette | UTG-UFYF-W |

### ■ Part

| Exterior                                                                          | Part name       | Model name | Summary                                                                                            |
|-----------------------------------------------------------------------------------|-----------------|------------|----------------------------------------------------------------------------------------------------|
|  | Cassette Grille | UTG-UFYF-W | This cassette grille can be installed appropriately on the grid type ceiling common in the office. |

## 17-3. Others

### ■ Lineup

| Indoor unit type            |          | Type                     |                                  |                      |                    |
|-----------------------------|----------|--------------------------|----------------------------------|----------------------|--------------------|
|                             |          | Air Outlet Shutter Plate | Insulation Kit for High Humidity | Fresh Air Intake Kit | Half Concealed Kit |
|                             |          | UTR-YDZB                 | UTZ-KXGC                         | UTZ-VXAA             | UTR-STA            |
| Compact cassette            |          | ○                        | ○                                | ○                    | —                  |
| Mini duct                   |          | —                        | —                                | —                    | —                  |
| Slim duct                   |          | —                        | —                                | —                    | —                  |
| Medium static pressure duct |          | —                        | —                                | —                    | —                  |
| Floor                       |          | —                        | —                                | —                    | ○                  |
| Wall mounted                | KMCG(-B) | —                        | —                                | —                    | —                  |
|                             | KETF(-B) | —                        | —                                | —                    | —                  |
|                             | KGTG     | —                        | —                                | —                    | —                  |
|                             | KNCA     | —                        | —                                | —                    | —                  |

| Indoor unit type            |          | Type                   |                    |            |                            |
|-----------------------------|----------|------------------------|--------------------|------------|----------------------------|
|                             |          | Auto Louver Grille Kit | Remote Sensor Unit |            | External Switch Controller |
|                             |          | UTD-GXTA-W             | UTY-XSZX           | UTY-XSZXZ* | UTY-TERX                   |
| Compact cassette            |          | —                      | —                  | —          | ○                          |
| Mini duct                   |          | ○                      | ○                  | ○          | ○                          |
| Slim duct                   |          | ○                      | ○                  | ○          | ○                          |
| Medium static pressure duct |          | —                      | ○                  | ○          | ○                          |
| Floor                       |          | —                      | —                  | —          | ○*2                        |
| Wall mounted                | KMCG(-B) | —                      | —                  | —          | ○*1                        |
|                             | KETF(-B) | —                      | —                  | —          | ○*1                        |
|                             | KGTG     | —                      | —                  | —          | ○*1                        |
|                             | KNCA     | —                      | —                  | —          | —                          |

| Indoor unit type            |          | Type                 |            |            |                               |          |
|-----------------------------|----------|----------------------|------------|------------|-------------------------------|----------|
|                             |          | External Connect Kit |            |            | External Input and Output PCB |          |
|                             |          | UTY-XWZX             | UTY-XWZXZ5 | UTY-XWZXZG | UTY-XCSXZ2                    | UTY-XCSX |
| Compact cassette            |          | —                    | —          | ○          | —                             | ○        |
| Mini duct                   |          | —                    | —          | ○          | —                             | —        |
| Slim duct                   |          | —                    | —          | ○          | —                             | —        |
| Medium static pressure duct |          | —                    | —          | ○          | —                             | ○        |
| Floor                       |          | —                    | ○          | —          | —                             | —        |
| Wall mounted                | KMCG(-B) | ○                    | ○          | —          | ○                             | —        |
|                             | KETF(-B) | ○                    | ○          | —          | ○                             | —        |
|                             | KGTG     | ○                    | ○          | —          | ○                             | —        |
|                             | KNCA     | —                    | —          | —          | —                             | —        |

| Indoor unit type            |          | Type          |                   |          |                  |
|-----------------------------|----------|---------------|-------------------|----------|------------------|
|                             |          | KNX Convertor | Network Converter |          | Modbus Converter |
|                             |          |               | UTY-VKSX          | UTY-VTGX | UTY-VTGXV        |
| Compact cassette            |          | ○             | ○                 | ○        | ○                |
| Mini duct                   |          | ○             | ○                 | ○        | ○                |
| Slim duct                   |          | ○             | ○                 | ○        | ○                |
| Medium static pressure duct |          | ○             | ○                 | ○        | ○                |
| Floor                       |          | ○             | ○*2               | ○*2      | ○                |
| Wall mounted                | KMCG(-B) | ○             | ○*1               | ○*1      | ○                |
|                             | KETF(-B) | ○             | ○*1               | ○*1      | ○                |
|                             | KGTG     | ○             | ○*1               | ○*1      | ○                |
|                             | KNCA     | —             | —                 | —        | —                |

| Indoor unit type            |          | Type           |            |
|-----------------------------|----------|----------------|------------|
|                             |          | WLAN Adapter*3 |            |
|                             |          | UTY-TFSXZ1     | UTY-TFSXJ3 |
| Compact cassette            |          | ○              | —          |
| Mini duct                   |          | ○              | —          |
| Slim duct                   |          | ○              | —          |
| Medium static pressure duct |          | ○              | ○          |
| Floor                       |          | ○              | —          |
| Wall mounted                | KMCG(-B) | —              | —          |
|                             | KETF(-B) | —              | —          |
|                             | KGTG     | —              | —          |
|                             | KNCA     | —              | —          |

| Indoor unit type            |          | Type              |            |                     |          |
|-----------------------------|----------|-------------------|------------|---------------------|----------|
|                             |          | Communication Kit |            | Air Cleaning Filter |          |
|                             |          | UTY-TWRXZ2        | UTY-TWRXZ3 | UTR-FA16-5          | UTD-HFNC |
| Compact cassette            |          | —                 | —          | —                   | —        |
| Mini duct                   |          | —                 | —          | —                   | —        |
| Slim duct                   |          | —                 | —          | —                   | —        |
| Medium static pressure duct |          | —                 | —          | —                   | ○        |
| Floor                       |          | —                 | ○          | —                   | —        |
| Wall mounted                | KMCG(-B) | ○                 | —          | ○                   | —        |
|                             | KETF(-B) | ○                 | —          | —                   | —        |
|                             | KGTG     | ○                 | —          | —                   | —        |
|                             | KNCA     | —                 | —          | ○                   | —        |

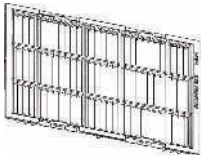
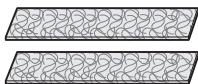
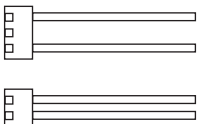
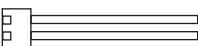
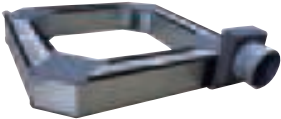
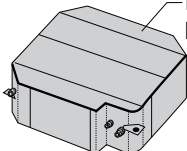
| Indoor unit type            |          | Type             |                                   |
|-----------------------------|----------|------------------|-----------------------------------|
|                             |          | Long-life Filter | External Input and Output PCB Box |
|                             |          | UTD-LFDC         | UTZ-GXDA                          |
| Compact cassette            |          | —                | —                                 |
| Mini duct                   |          | —                | —                                 |
| Slim duct                   |          | —                | —                                 |
| Medium static pressure duct |          | ○                | ○                                 |
| Floor                       |          | —                | —                                 |
| Wall mounted                | KMCG(-B) | —                | —                                 |
|                             | KETF(-B) | —                | —                                 |
|                             | KGTG     | —                | —                                 |
|                             | KNCA     | —                | —                                 |

●:Accessory, ○: Optional, —: Not applicable

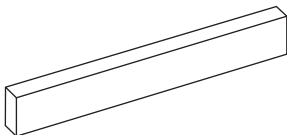
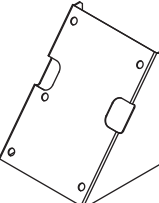
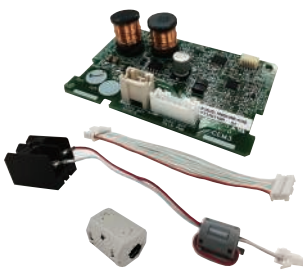
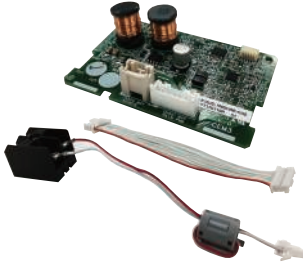
- \*1: Optional Communication Kit (UTY-TWRXZ2) is necessary for the installation.
- \*2: Optional Communication Kit (UTY-TWRXZ3) is necessary for the installation.
- \*3: For details of wireless LAN control, refer to “Design & Technical manual” or “Setting manual” of WLAN control system.

**NOTE:** Combined use of Modbus Converter, KNX Converter, and WLAN Adapter is not allowed.

## Parts

| Exterior                                                                            | Part name                        | Model name | Summary                                                                                                                                  |
|-------------------------------------------------------------------------------------|----------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------|
|    | Remote Sensor Unit               | UTY-XSZX   | Thermo-sensor for sensing the temperature of arbitrary place in the room.                                                                |
|    | Remote Sensor Unit               | UTY-XSZXZ* | Thermo-sensor for sensing the temperature of arbitrary place in the room.                                                                |
|    | Auto Louver Grille Kit           | UTD-GXTA-W | Width: 683 mm<br>For 07, 09, 12, and 14 models                                                                                           |
|    | Long-life Filter                 | UTD-LFDC   | Long-life Filter can be mounted to the indoor unit.                                                                                      |
|  | Air Cleaning Filter              | UTR-FA16-5 | Air Cleaning Filter can be mounted to the indoor unit.<br>(For antibacterial)                                                            |
|  | Air Cleaning Filter              | UTD-HFNC   | Air Cleaning Filter can be mounted to the indoor unit.                                                                                   |
|  | External Connect Kit             | UTY-XWZX   | Use to connect with various peripheral devices and air conditioner PCB.                                                                  |
|  | External Connect Kit             | UTY-XWZXZ5 | Required when external device is connected.                                                                                              |
|  | External Connect Kit             | UTY-XWZXZG | Use to connect with various peripheral devices and air conditioner PCB.<br>For control output port.                                      |
|  | Air Outlet Shutter Plate         | UTR-YDZB   | Installed at the air outlet when 3-directions mode is performed.                                                                         |
|  | Fresh Air Intake Kit             | UTZ-VXAA   | By attaching Fresh Air Intake Kit to the indoor unit, it can be taken in fresh air of up to 10% of "high" air volume of the indoor unit. |
|  | Insulation Kit for High Humidity | UTZ-KXGC   | Install when the under-roof condition is expected to be the humidity of over 80% and the temperature of over 30 °C.                      |



| Exterior                                                                            | Part name                         | Model name               | Summary                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------|-----------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Half Concealed Kit                | UTR-STA                  | Used for the indoor unit installing of half concealed.                                                                                                                                                                                                                 |
|    | Communication Kit                 | UTY-TWBXF2               | Use to connect with optional devices and air conditioner PCB.                                                                                                                                                                                                          |
|    | External Input and Output PCB     | UTY-XCSX                 | Use to connect with external devices and air conditioner PCB.                                                                                                                                                                                                          |
|    | External Input and Output PCB     | UTY-XCSXZ2               | Use to connect with external devices and air conditioner PCB.<br>Optional External Connect Kit might be required to connect locally purchased devices via this PCB.                                                                                                    |
|   | External Input and Output PCB Box | UTZ-GXDA                 | For installing the External input and output PCB.                                                                                                                                                                                                                      |
|  | Communication Kit                 | UTY-TWRXZ3               | Use to connect Non-polar 2-core wired remote controller.                                                                                                                                                                                                               |
|  | Communication Kit                 | UTY-TWRXZ2               | Use to connect Non-polar 2-core wired remote controller.                                                                                                                                                                                                               |
|  | WLAN Adapter                      | UTY-TFSXZ1<br>UTY-TFSXJ3 | Remotely manage an air conditioning system using mobile devices such as smartphones and tablets.<br>For connection indoor unit with UART interface.<br>Appropriate application for each region is required to use this option. For details, contact FGL sales company. |

| Exterior                                                                           | Part name                           | Model name | Summary                                                                                                                                             |
|------------------------------------------------------------------------------------|-------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|   | Modbus Converter                    | UTY-VMSX   | For connection between indoor unit with UART interface and a Modbus open network.                                                                   |
|   | KNX Converter                       | UTY-VKSX   | For connection between indoor unit with UART interface and a KNX open network.                                                                      |
|   | Network Converter                   | UTY-VTGX   | This converter is required when connecting single split system to VRF network system. Optional Communication Kit is necessary for installation.     |
|   | Network Converter (AC power supply) | UTY-VTGXV  | This converter is required when connecting single split system to VRF network system. Optional Communication Kit is necessary for installation.     |
|  | External Switch Controller          | UTY-TERX   | Air conditioner switching can be controlled by connecting other external sensor switches. Optional Communication Kit is necessary for installation. |

## 18. Indoor unit installation precautions

**NOTE:** The information listed below are general precautions.  
Some models also include items that do not apply.

### 18-1. Places where prohibited for use

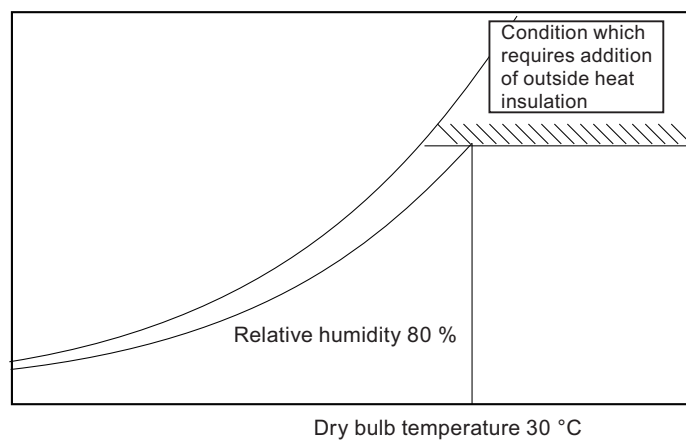
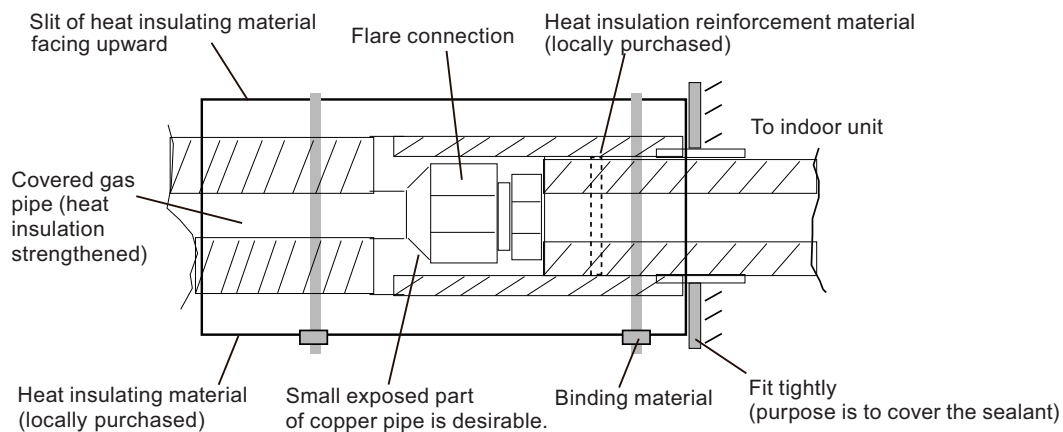
- Places where there is a danger of combustible gas leakage.
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated.
- Places where there is a lot of oil splash and steam such as kitchen or machinery room.
- Places where machinery which generates high frequencies is used.
- Ocean beaches and other areas where there is a lot of salt.
- Places where carbon fibers or any kind of powder suspended in the air.
- Inside of vehicles, ships, and other conveyances.
- Places where voltage fluctuations are large such as a factory.

### 18-2. Points to remember when installing

- The product shall be installed at a place which can withstand the weight and vibration of the indoor.
- To allow maintenance after refrigerant piping, drain piping, and the connection/installation of electric wiring, provide an maintenance space and an inspection port, as required.  
Maintenance space is shown in "[Dimensions](#)" on page 15.
- Be careful when installing the unit at the following places.

| Condition                                           | Contents                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Countermeasures (Reference)                                                                                                                                                                                                 |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| When the ceiling is high.                           | If the indoor unit is installed where the installation height given in the installation manual is exceeded, the temperature difference between the floor and ceiling of the room will be large and the heating effect will be poor. Moreover, even if the indoor unit is installed within the installation height, a similar phenomena will occur when installed in a room in which the doors are opened and closed frequently and hot air circulation is obstructed by furniture such as desks or chairs. | <ol style="list-style-type: none"> <li>1. Switch the setting to the high ceiling mode.</li> <li>2. Install a circulator.</li> <li>3. Arrange the furniture in the room so that it does not obstruct the hot air.</li> </ol> |
| When lower level directly contacts the outside air. | When the lower level of the room is a semi-open space such as warehouse or parking lot the surface temperature of the flooring will become low and the radiation of cold from the floor will increase. In this case, even if the room temperature is suitable, you may feel the foot level is cold.                                                                                                                                                                                                        |                                                                                                                                                                                                                             |
| When the airflow distribution is poor.              | When an indoor unit is installed in a position where the outlet airflow will directly contact people, a draft may be felt. In addition, when there are obstructions in the path of the intake and outlet airflow, the air distribution may become extremely bad.                                                                                                                                                                                                                                           | <ol style="list-style-type: none"> <li>1. Adjust the louver fins or take other measures matched to the site.</li> <li>2. Change the indoor unit outlet.</li> </ol>                                                          |

| Condition                                                      | Contents                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Countermeasures (Reference)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| When inside the ceiling is high temperature and high humidity. | When the indoor unit is installed where the inside of the ceiling is 30 °C RH80% or greater, the dew point temperature of the outer perimeter may become higher than the cabinet surface temperature and moisture will condense on the surface of the cabinet and water drops may fall inside the room. ("Figure 18-1 Moist air curve")<br>In addition, the humidity may vary considerably the same as when the inside of the ceiling is close to hermetically sealed and used as the outside air intake path.                               | <ol style="list-style-type: none"> <li>1. Add heat insulating material to the outside of the indoor unit cabinet.<br/>*Regarding the cassette type, use of optional High humidity correspondence kit is recommended.</li> <li>2. Strengthen the heat insulating material of the refrigerant pipe and drain pipe too. ("Figure 18-2 Work method when reinforcing the heat insulation of on-site piping")</li> <li>3. When the humidity inside the ceiling changes considerably, install a ventilation port.</li> </ol> |
| When using an external duct.                                   | When using an external duct to take in new fresh air, etc., condensation may form on the surface of the duct due to the effect of the outside air temperature and the humidity inside the ceiling.                                                                                                                                                                                                                                                                                                                                           | Always perform heat insulation processing.<br>(Heat insulating material: Glass wool 25 mm thick or more.)                                                                                                                                                                                                                                                                                                                                                                                                             |
| When the remote controller installation site is bad.           | If the cold or warm air blown out from the air conditioner directly contacts the thermostat section of the remote controller, the outlet temperature of the air conditioner may be sensed and room temperature control will be different from the room temperature, and "not cooled" or "not heated" or other trouble may occur.<br>In addition, there is the possibility that the same kind of trouble may also occur when the remote controller is effected by direct sunlight.                                                            | <ol style="list-style-type: none"> <li>1. Install the remote controller where it will not be directly exposed to the cold or hot air.</li> <li>2. Install the remote controller where it will not be directly exposed to sunlight or strong lighting.</li> </ol>                                                                                                                                                                                                                                                      |
| When installation environment is quiet.                        | When the wall mounted type was installed in a bedroom, living room, or other quiet place, the sound of the refrigerant flow may be sensed as noise and must be taken into account.                                                                                                                                                                                                                                                                                                                                                           | <ol style="list-style-type: none"> <li>1. Plan installation of a model with external expansion valve.</li> <li>2. Plan installation of a branch box farther from indoor unit.</li> <li>3. Plan installation using another air conditioner.</li> </ol>                                                                                                                                                                                                                                                                 |
| When installing duct type in ceiling chamber system.           | In the case of the ceiling chamber system (duct is not installed at indoor unit inlet side and room air is sucked into the indoor unit through the inside of the ceiling), the thermistor inside the indoor unit may not correctly detect the room temperature. <ul style="list-style-type: none"> <li>• Heating operation: Room is not heated because the indoor unit is easily turned off by the thermostat.</li> <li>• Cooling operation: Room is too cold because the indoor unit is difficult to turn off by the thermostat.</li> </ul> | Replace the indoor unit thermistor with optional remote sensor unit, and install the sensor where the room temperature can be correctly detected.                                                                                                                                                                                                                                                                                                                                                                     |
| When the outlet air is sucked in at duct type.                 | Cooling operation does not cool the room and heating operation does not heat the room because the short circuited indoor unit is not turned on by the thermostat.                                                                                                                                                                                                                                                                                                                                                                            | <ol style="list-style-type: none"> <li>1. Reconsider the ventilation port construction.</li> <li>2. Replace the indoor unit thermistor with optional Remote sensor unit, and install the sensor where the room temperature can be correctly detected.</li> </ol>                                                                                                                                                                                                                                                      |
| When using the wireless remote controller.                     | Signals may not be received when using it in a room illuminated by an inverter fluorescent lamp.                                                                                                                                                                                                                                                                                                                                                                                                                                             | Turn on the fluorescent lamp and check if the indoor unit receives the signals from the remote controller. If the indoor unit does not receive the signals, consult an authorized service personnel.                                                                                                                                                                                                                                                                                                                  |
| When installing the inverter type.                             | It may generate noise in TV sets, stereos and PCs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | The inverter type should be installed at a sufficient distance from these equipments.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Figure 18-1 **Moist air curve**Figure 18-2 **Work method when reinforcing the heat insulation of on-site piping**



# **Part 2. OUTDOOR UNIT (2 UNITS TYPE)**

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**MULTI-SPLIT TYPE:**

**AOEG14KBCA2**

**AOEG18KBCA2**

# 1. Specifications

| Type                                |                                                                       |               |               | Inverter heat pump                                      |                                                        |
|-------------------------------------|-----------------------------------------------------------------------|---------------|---------------|---------------------------------------------------------|--------------------------------------------------------|
| Model name                          |                                                                       |               |               | AOEG14KBCA2                                             | AOEG18KBCA2                                            |
| Power source                        |                                                                       |               |               | 230 V 50 Hz                                             |                                                        |
| Available voltage range             |                                                                       |               |               | 198—264V                                                |                                                        |
| Standard combination of indoor unit |                                                                       |               |               | Wall mounted<br>×2                                      | Wall mounted<br>×2                                     |
| Capacity                            | Cooling                                                               | Rated         | kW            | 4.0                                                     | 5.0                                                    |
|                                     |                                                                       |               | Btu/h         | 13,600                                                  | 17,100                                                 |
|                                     |                                                                       | Min.—Max.     | kW            | 1.4—4.6                                                 | 1.7—5.8                                                |
|                                     |                                                                       |               | Btu/h         | 4,700—15,700                                            | 5,800—19,800                                           |
|                                     | Heating                                                               | Rated         | kW            | 4.4                                                     | 5.6                                                    |
|                                     |                                                                       |               | Btu/h         | 15,000                                                  | 19,100                                                 |
|                                     |                                                                       | Min.—Max.     | kW            | 1.1—5.5                                                 | 1.8—6.6                                                |
|                                     |                                                                       |               | Btu/h         | 3,700—18,800                                            | 6,100—22,500                                           |
| Input power                         | Cooling                                                               | Rated         | kW            | 0.97                                                    | 1.24                                                   |
|                                     |                                                                       | Max.          |               | 1.20                                                    | 1.55                                                   |
|                                     | Heating                                                               | Rated         |               | 0.95                                                    | 1.22                                                   |
|                                     |                                                                       | Max.          |               | 1.65                                                    | 1.80                                                   |
| Current                             | Cooling                                                               | Rated         | A             | 4.7                                                     | 5.6                                                    |
|                                     | Heating                                                               | Rated         |               | 4.7                                                     | 5.6                                                    |
| EER                                 | Cooling                                                               |               | kW/kW         | 4.12                                                    | 4.03                                                   |
| COP                                 | Heating                                                               |               |               | 4.63                                                    | 4.59                                                   |
| Starting current                    |                                                                       |               | A             | 4.7                                                     | 5.6                                                    |
| Maximum operating current *1        |                                                                       |               | A             | 10.9                                                    | 11.6                                                   |
| Fan                                 | Type × Q'ty                                                           | Propeller × 1 |               |                                                         |                                                        |
|                                     | Airflow rate                                                          | Cooling       | m³/h          | 1,670                                                   | 1,960                                                  |
|                                     |                                                                       | Heating       |               | 1,670                                                   | 2,020                                                  |
|                                     | Motor output                                                          |               | W             | 23                                                      | 49                                                     |
| Sound pressure level *2             | Cooling                                                               |               | dB (A)        | 47                                                      | 47                                                     |
|                                     | Heating                                                               |               |               | 49                                                      | 50                                                     |
| Heat exchanger                      | Dimension (H x W x D)                                                 |               | mm            | Main 1: 504 × 881 × 18.19<br>Main 2: 504 × 851 × 18.19  | Main 1: 588 × 881 × 18.19<br>Main 2: 588 × 851 × 18.19 |
|                                     | Fin pitch                                                             |               |               | Main 1: 1.3<br>Main 2: 1.3                              |                                                        |
|                                     | Rows × Stages                                                         |               |               | Main 1: 1 × 24<br>Main 2: 1 × 24                        |                                                        |
|                                     | Pipe type (Material)                                                  |               |               | Copper tube                                             |                                                        |
|                                     | Fin type (Material)                                                   |               |               | Aluminum                                                |                                                        |
| Compressor                          | Type × Quantity                                                       |               | DC rotary × 1 |                                                         | DC twin rotary × 2                                     |
|                                     | Motor output                                                          |               | W             | 900                                                     |                                                        |
| Refrigerant                         | Type (Global warming potential)                                       |               | R32 (675)     |                                                         |                                                        |
|                                     | Charge                                                                | g             | 900           | 1,020                                                   |                                                        |
| Refrigerant oil                     | Type                                                                  |               | RB68A         | FW68S                                                   |                                                        |
|                                     | Amount                                                                | cm³           | 340           | 350                                                     |                                                        |
| Enclosure                           | Material                                                              |               |               | Steel sheet                                             |                                                        |
|                                     | Color                                                                 |               |               | Beige<br>(Approximate color of Munsell 10YR 7.5/1.0 NN) |                                                        |
| Dimensions<br>(H x W x D)           | Net                                                                   |               | mm            | 542 × 799 × 290                                         | 632 × 799 × 290                                        |
|                                     | Gross                                                                 |               |               | 602 × 940 × 375                                         | 692 × 940 × 375                                        |
| Weight                              | Net                                                                   |               | kg            | 33                                                      | 37                                                     |
|                                     | Gross                                                                 |               |               | 37                                                      | 42                                                     |
| Connection pipe                     | Size                                                                  | Liquid        | mm (in)       | Ø6.35 (Ø1/4) × 2                                        |                                                        |
|                                     |                                                                       | Gas           |               | Ø9.52 (Ø3/8) × 2                                        |                                                        |
|                                     |                                                                       | Method        |               |                                                         | Flare                                                  |
|                                     | Pre-charge length (Total)                                             |               | m             | 20                                                      |                                                        |
|                                     | Maximum length (Total)                                                |               |               | 30                                                      |                                                        |
|                                     | Maximum length (Each)                                                 |               |               | 20                                                      |                                                        |
|                                     | Minimum length (Total)                                                |               |               | 5                                                       |                                                        |
|                                     | Minimum length (Each)                                                 |               |               | 2.5                                                     |                                                        |
|                                     | Maximum height difference between outdoor unit and each indoor units. |               |               | 15                                                      |                                                        |
|                                     | Maximum height difference between indoor units.                       |               |               | 10                                                      |                                                        |
| Operation range                     | Cooling                                                               | °C            | -10 to 46     |                                                         |                                                        |
|                                     | Heating                                                               |               | -15 to 24     |                                                         |                                                        |

## NOTES:

- Specifications are based on the following conditions:
  - Power source of specifications: 230 V
  - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]
  - Cooling: Indoor temperature of 27.0 °CDB/19.0 °CWB, and outdoor temperature of 35 °CDB/24.0 °CWB.
  - Heating: Indoor temperature of 20.0 °CDB/15.0 °CWB, and outdoor temperature of 7.0 °CDB/6.0 °CWB.
- \*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.
- \*2: Sound pressure level
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- For other combination, refer to the combination table.
- The protective function might work when using it outside the operation range.



| Specifications for ErP Lot10 |                   |         |              |              |             |
|------------------------------|-------------------|---------|--------------|--------------|-------------|
| Model name                   |                   |         | AOEG14KBCA2  |              | AOEG18KBCA2 |
| Energy efficiency class      | Cooling           |         | A+++         |              |             |
|                              | Heating (Average) |         | A++          |              |             |
| Pdesign                      | Cooling           | kW      | 4.0 (35 °C)  | 5.0 (35 °C)  |             |
|                              | Heating (Average) |         | 3.5 (-10 °C) | 4.2 (-10 °C) |             |
| SEER                         | Cooling           | kWh/kWh | 8.70         | 8.60         |             |
| SCOP                         | Heating (Average) |         | 4.70         |              |             |
| Annual energy consumption    | QCE               | kWh/a   | 209          | 263          |             |
|                              | QHE (Average)     |         | 1,296        | 1,434        |             |
| Sound power level            | Cooling           | HIGH    | dB (A)       | 60           |             |
|                              | Heating           |         |              | 62           |             |

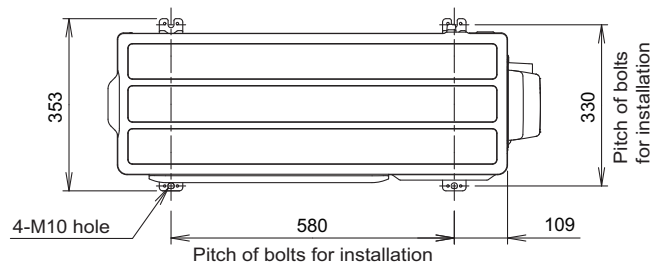
OUTDOOR UNIT

OUTDOOR UNIT

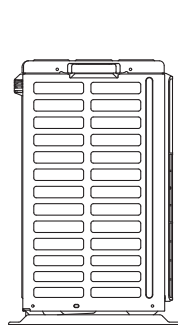
## 2. Dimensions

### 2-1. Model: AOEG14KBCA2

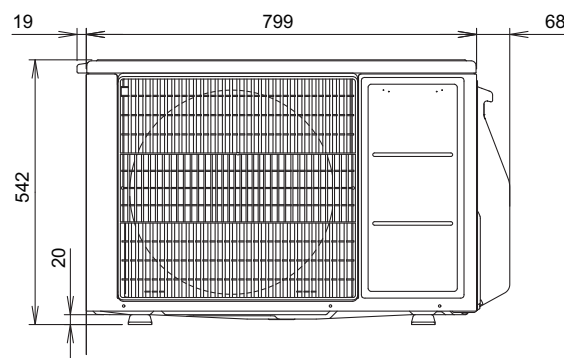
Unit: mm



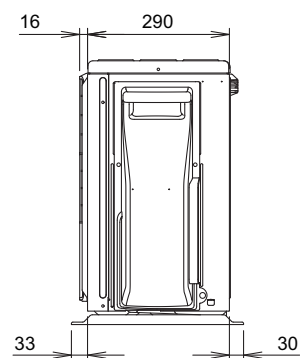
Top view



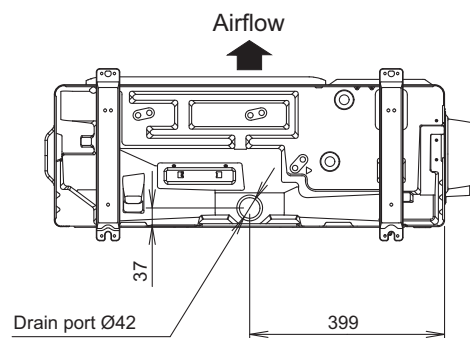
Side view



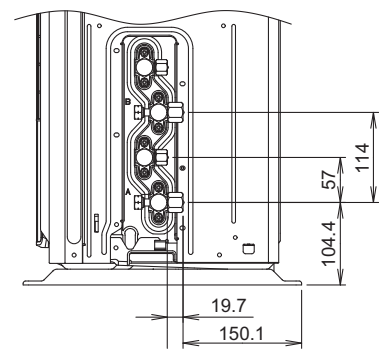
Front view



Side view



Bottom view



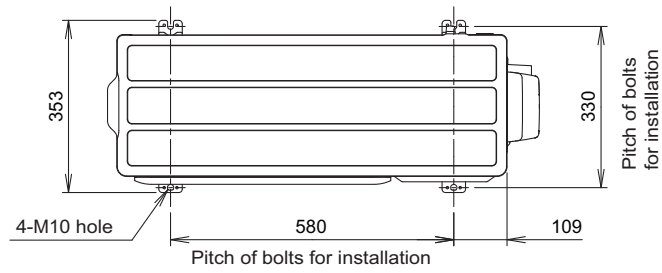
Side view (Valve part)

## 2-2. Model: AOEG18KBCA2

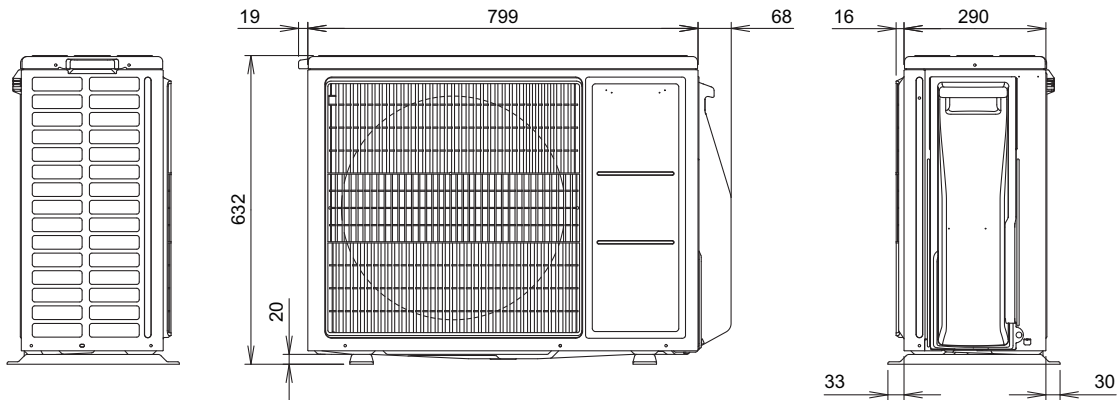
Unit: mm

OUTDOOR UNIT

OUTDOOR UNIT



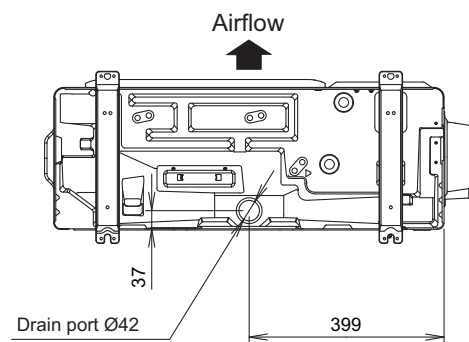
Top view



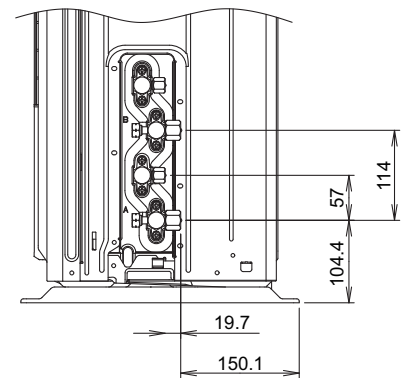
Side view

Front view

Side view



Bottom view



Side view (Valve part)

## 3. Installation space

### 3-1. Models: AOEG14KBCA2 and AOEG18KBCA2

#### ■ Space requirement

Provide sufficient installation space for product safety.

#### ⚠ CAUTION

Keep the space shown in the installation examples.

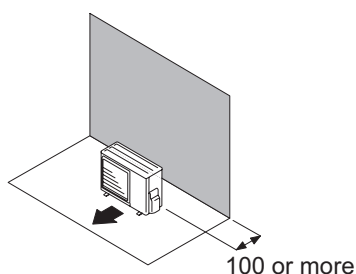
If the installation is not performed accordingly, it could cause a short circuit and result in a lack of operating performance.

#### ● Single outdoor unit installation

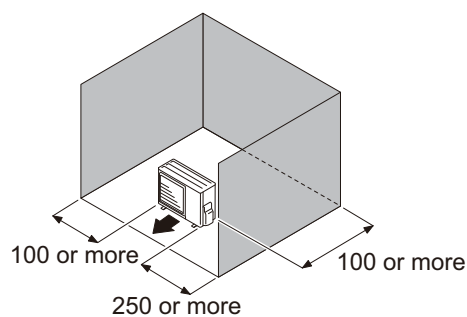
- When the upper space is open:

Unit: mm

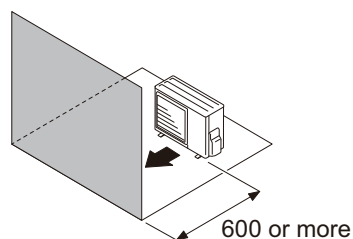
Obstacles at rear only



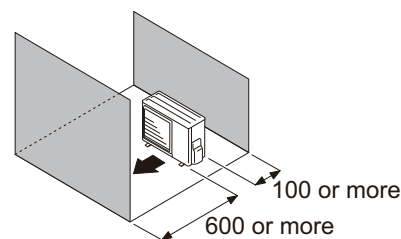
Obstacles at rear and sides



Obstacles at front



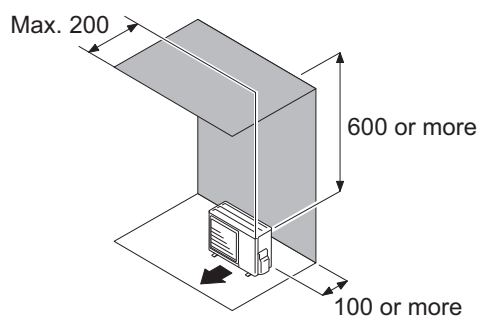
Obstacles at front and rear



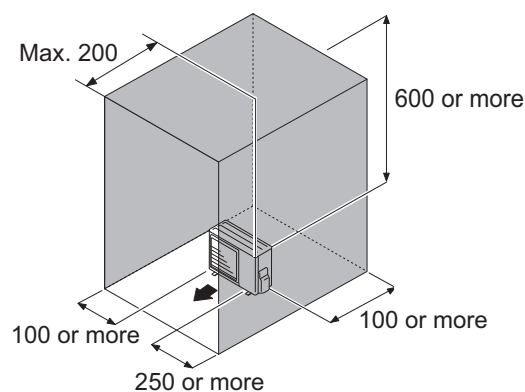
- When an obstruction in the upper space:

Unit: mm

Obstacles at rear and above



Obstacles at rear, sides, and above



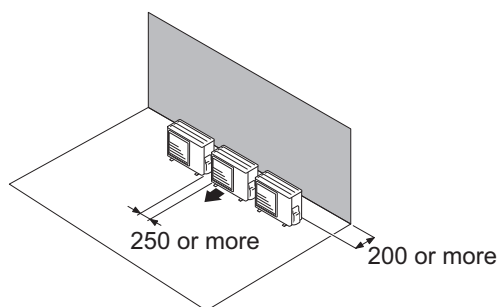
## ● Multiple outdoor unit installation

- Provide at least 250 mm of space between the outdoor units if multiple units are installed.
- When routing the piping from the side of an outdoor unit, provide space for piping.
- No more than 3 units must be installed side by side.  
When 4 units or more are arranged in a line, provide the space as shown in the following example **“When an obstruction in the upper space:”**.

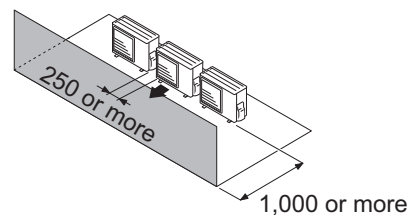
- **When the upper space is open:**

Unit: mm

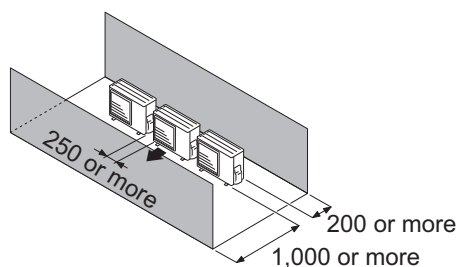
Obstacles at rear only



Obstacles at front only



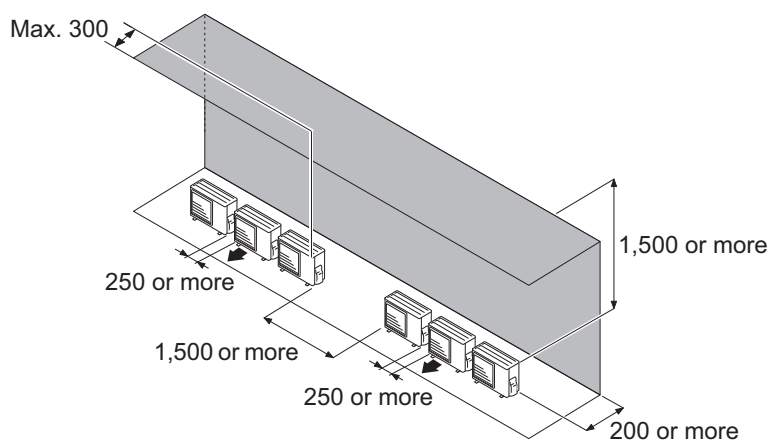
Obstacles at front and rear



- **When an obstruction in the upper space:**

Unit: mm

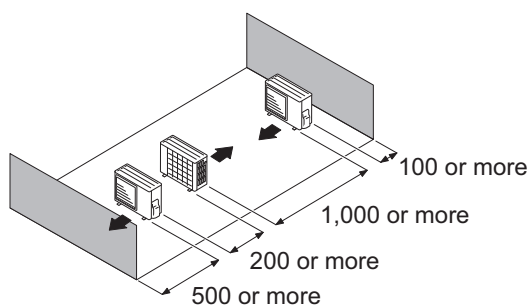
Obstacles at rear and above.



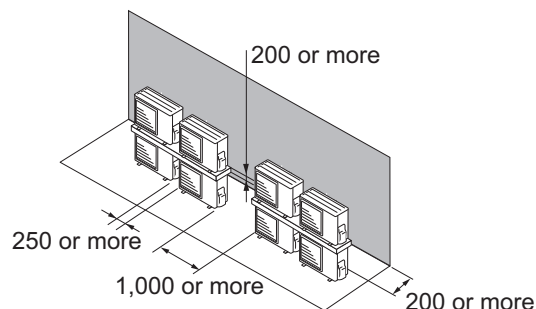
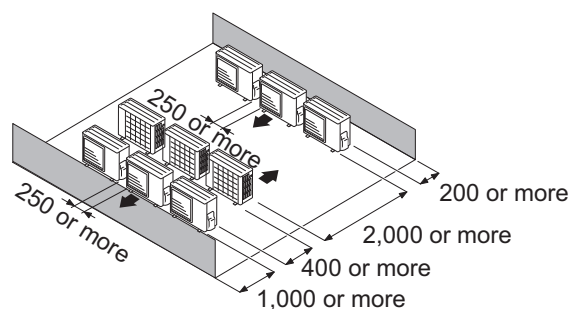
## ● Outdoor units installation in multi-row

Unit: mm

Single parallel unit arrangement



Multiple parallel unit arrangement

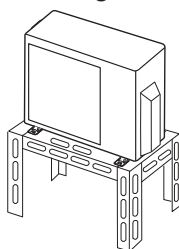


### NOTES:

- If the space is larger than stated above, the condition will be the same as when there is no obstacle.
- When installing the outdoor unit, be sure to open the front and left side to obtain better operation efficiency.

### ⚠ CAUTION

- Do not install the outdoor unit in two-stage where the drain water could freeze. Otherwise the drainage from the upper unit may form ice and cause a malfunction of the lower unit.
- When the outdoor temperature is 0 °C or less, do not use the accessory drain pipe and drain cap. If the drain pipe and drain cap are used, the drain water in the pipe may freeze in extremely cold climate. (For reverse cycle model only.)
- In area with heavy snowfall, if the inlet and outlet of the outdoor unit is blocked with snow, it might become difficult to get warm, and it is likely to cause product malfunction. Construct a canopy and a pedestal, or place the unit on a high stand that is locally installed.

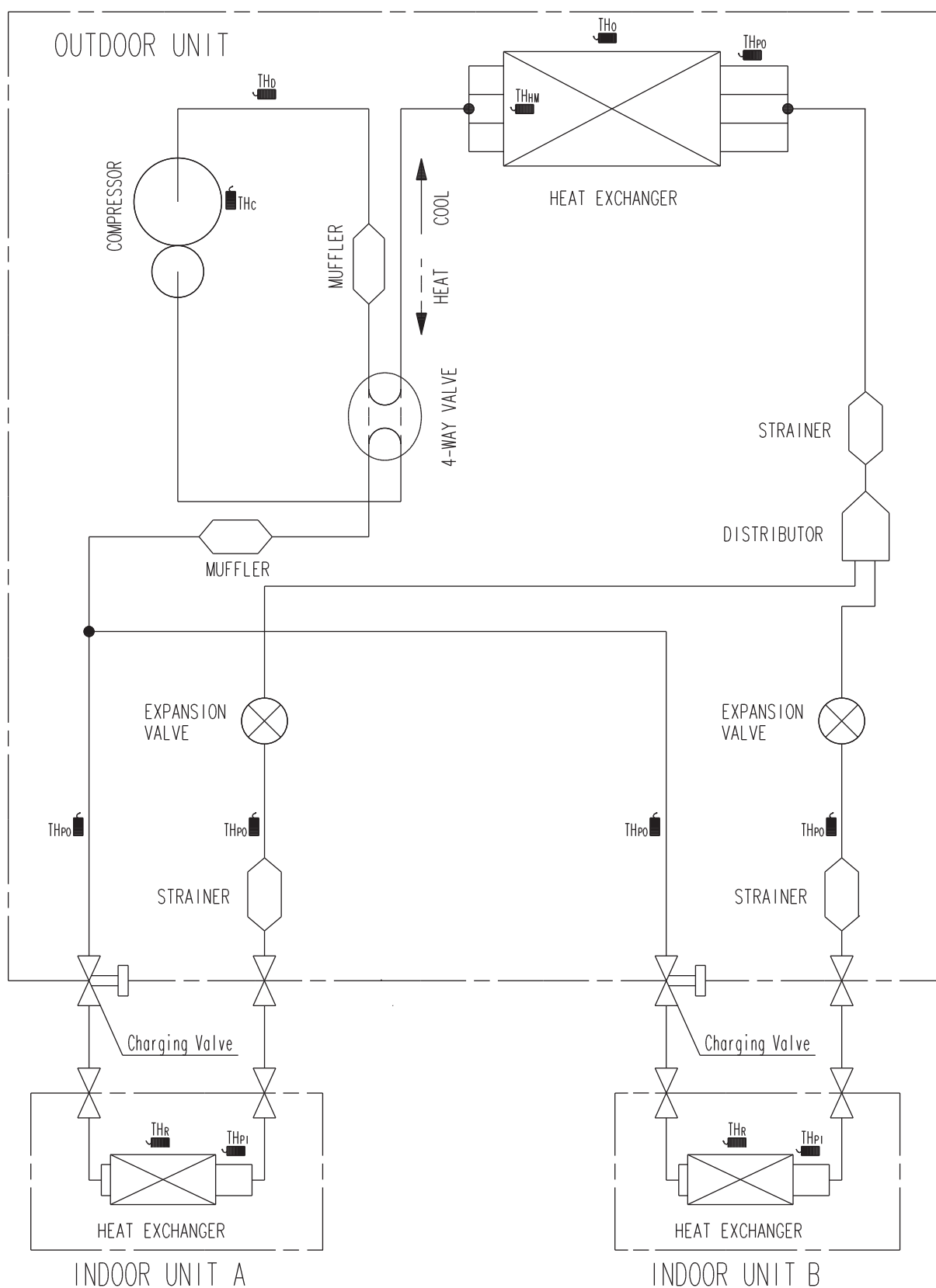


## 4. Refrigerant circuit

### 4-1. Model: AOEG14KBCA2

OUTDOOR UNIT

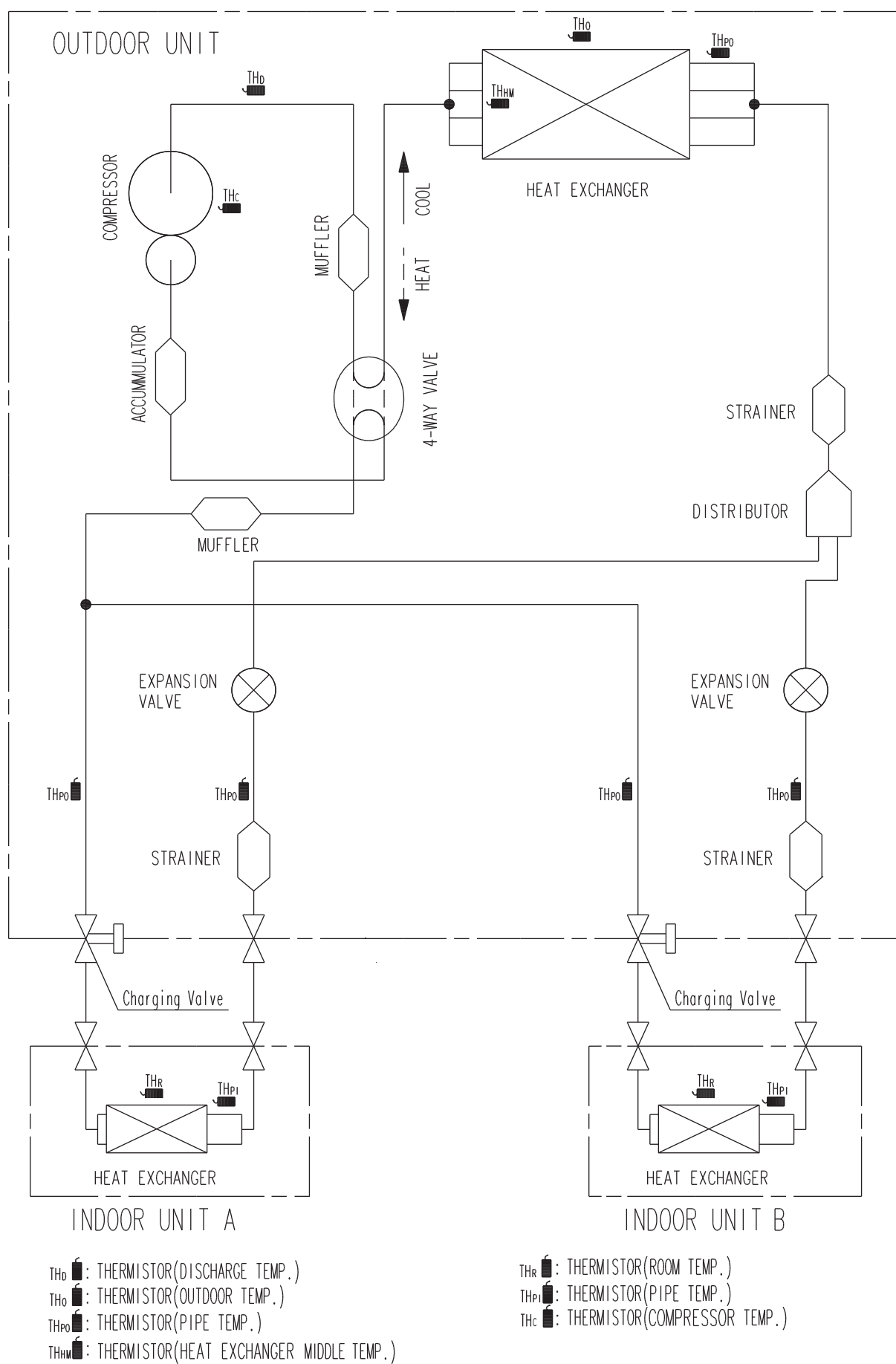
OUTDOOR UNIT



$TH_c$ : THERMISTOR(DISCHARGE TEMP.)  
 $TH_o$ : THERMISTOR(OUTDOOR TEMP.)  
 $TH_{pO}$ : THERMISTOR(PIPE TEMP.)  
 $TH_{Hw}$ : THERMISTOR(HEAT EXCHANGER MIDDLE TEMP.)  
 $TH_c$ : THERMISTOR(COMPRESSOR TEMP.)

$TH_R$ : THERMISTOR(ROOM TEMP.)  
 $TH_{pI}$ : THERMISTOR(PIPE TEMP.)

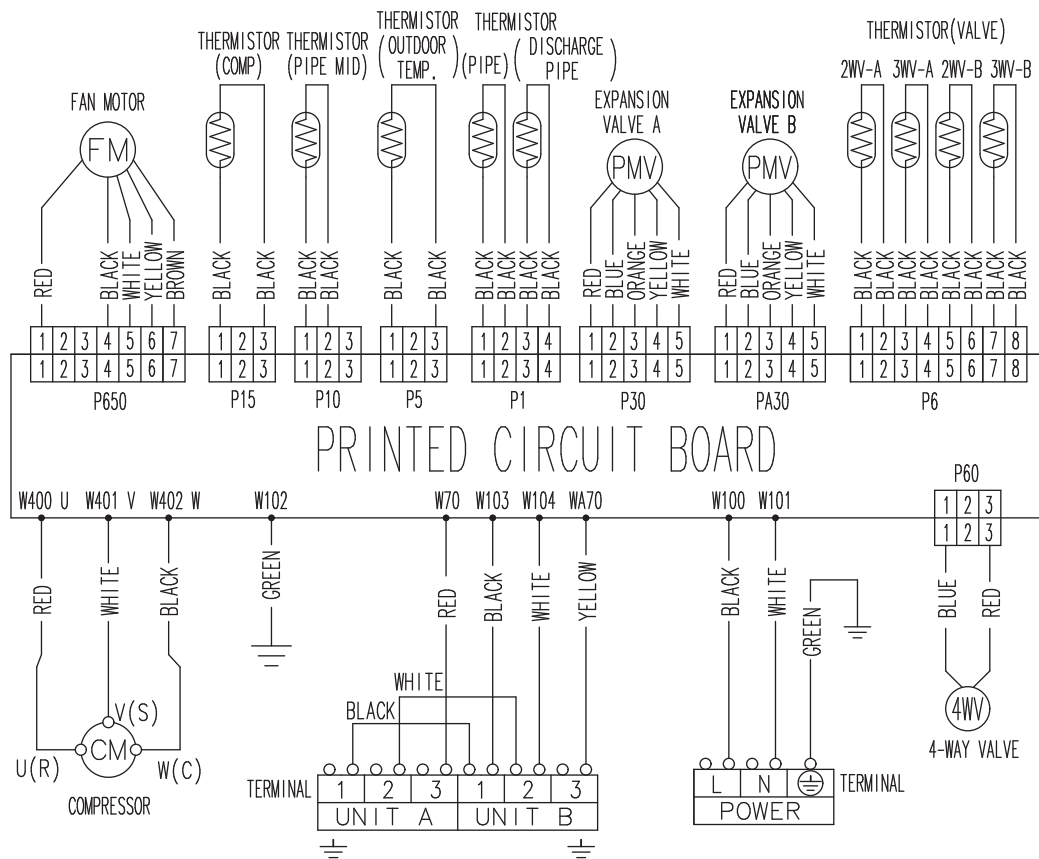
## 4-2. Model: AOEG18KBCA2





## OUTDOOR UNIT

## 5-2. Model: AOEG18KBCA2



OUTDOOR UNIT

## 6. Capacity table

### 6-1. Combinations

#### ■ Model: AOEG14KBCA2

#### ● Cooling

Indoor unit combination (Wall-mounted KG/KM type only)

| Combination of indoor unit |    |       | Rated capacity for each indoor unit (kW) |      | Total capacity (kW) |       |      | Input power (kW) |       |      | EER (W/W) | Seasonal data |                |                         |
|----------------------------|----|-------|------------------------------------------|------|---------------------|-------|------|------------------|-------|------|-----------|---------------|----------------|-------------------------|
| Unit                       |    | Total | Unit                                     |      | Min.                | Rated | Max. | Min.             | Rated | Max. |           | Pdesign (kW)  | SEER (kWh/kWh) | Energy efficiency class |
| 1                          | 2  |       | 1                                        | 2    |                     |       |      |                  |       |      |           |               |                |                         |
| 7                          | 7  | 14    | 2.00                                     | 2.00 | 1.4                 | 4.00  | 4.60 | 0.25             | 0.97  | 1.20 | 4.12      | 4.0           | 8.7            | A+++                    |
| 7                          | 9  | 16    | 1.75                                     | 2.25 | 1.4                 | 4.00  | 4.60 | 0.25             | 0.97  | 1.20 | 4.12      | 4.0           | 8.7            | A+++                    |
| 7                          | 12 | 19    | 1.47                                     | 2.53 | 1.4                 | 4.00  | 4.60 | 0.25             | 0.97  | 1.20 | 4.12      | 4.0           | 8.7            | A+++                    |
| 9                          | 9  | 18    | 2.00                                     | 2.00 | 1.4                 | 4.00  | 4.60 | 0.25             | 0.97  | 1.20 | 4.12      | 4.0           | 8.7            | A+++                    |
| 9                          | 12 | 21    | 1.71                                     | 2.29 | 1.4                 | 4.00  | 4.60 | 0.25             | 0.97  | 1.20 | 4.12      | 4.0           | 8.7            | A+++                    |

Indoor unit combination (All models other than wall-mounted type KG/KM models)

| Combination of indoor unit |    |       | Rated capacity for each indoor unit (kW) |      | Total capacity (kW) |       |      | Input power (kW) |       |      | EER (W/W) | Seasonal data |                |                         |
|----------------------------|----|-------|------------------------------------------|------|---------------------|-------|------|------------------|-------|------|-----------|---------------|----------------|-------------------------|
| Unit                       |    | Total | Unit                                     |      | Min.                | Rated | Max. | Min.             | Rated | Max. |           | Pdesign (kW)  | SEER (kWh/kWh) | Energy efficiency class |
| 1                          | 2  |       | 1                                        | 2    |                     |       |      |                  |       |      |           |               |                |                         |
| 5                          | 5  | 10    | 1.50                                     | 1.50 | 1.4                 | 3.00  | 3.60 | 0.25             | 0.74  | 0.95 | 4.03      | 3.0           | 6.8            | A++                     |
| 5                          | 7  | 12    | 1.50                                     | 2.00 | 1.4                 | 3.50  | 4.30 | 0.25             | 0.84  | 1.10 | 4.15      | 3.5           | 6.8            | A++                     |
| 5                          | 9  | 14    | 1.50                                     | 2.50 | 1.4                 | 4.00  | 4.39 | 0.25             | 1.07  | 1.25 | 3.75      | 4.0           | 6.8            | A++                     |
| 5                          | 12 | 17    | 1.18                                     | 2.82 | 1.4                 | 4.00  | 4.61 | 0.25             | 1.02  | 1.25 | 3.92      | 4.0           | 6.8            | A++                     |
| 7                          | 7  | 14    | 2.00                                     | 2.00 | 1.4                 | 4.00  | 4.60 | 0.25             | 1.02  | 1.25 | 3.92      | 4.0           | 6.8            | A++                     |
| 7                          | 9  | 16    | 1.75                                     | 2.25 | 1.4                 | 4.00  | 4.60 | 0.25             | 1.02  | 1.25 | 3.92      | 4.0           | 6.8            | A++                     |
| 7                          | 12 | 19    | 1.47                                     | 2.53 | 1.4                 | 4.00  | 4.60 | 0.25             | 1.02  | 1.25 | 3.92      | 4.0           | 6.8            | A++                     |
| 9                          | 9  | 18    | 2.00                                     | 2.00 | 1.4                 | 4.00  | 4.60 | 0.25             | 1.02  | 1.25 | 3.92      | 4.0           | 6.8            | A++                     |
| 9                          | 12 | 21    | 1.71                                     | 2.29 | 1.4                 | 4.00  | 4.60 | 0.25             | 1.02  | 1.25 | 3.92      | 4.0           | 6.8            | A++                     |

#### NOTES:

- 5: 5,000 Btu/h, 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h
- The above is the value for connecting with KG models in wall mounted type.
- 2 or more indoor units should be connected.
- Cooling: Indoor temperature of 27 °CDB/19 °CWB and outdoor temperature of 35 °CDB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected indoor unit is from 10,000 Btu/h up to 21,000 Btu/h.

## ● Heating

### Indoor unit combination (Wall-mounted KG/KM type only)

| Combination of indoor unit |    |       | Rated capacity for each indoor unit (kBtu/h) |      | Total capacity (kBtu/h) |       |      | Input power (kW) |       |      | COP (W/W) | Seasonal data |                |                         |
|----------------------------|----|-------|----------------------------------------------|------|-------------------------|-------|------|------------------|-------|------|-----------|---------------|----------------|-------------------------|
| Unit                       |    | Total | Unit                                         |      | Min.                    | Rated | Max. | Min.             | Rated | Max. |           | Pdesign (kW)  | SCOP (kWh/kWh) | Energy efficiency class |
| 1                          | 2  |       | 1                                            | 2    |                         |       |      |                  |       |      |           |               |                |                         |
| 7                          | 7  | 14    | 2.20                                         | 2.20 | 1.1                     | 4.40  | 5.5  | 0.25             | 0.95  | 1.65 | 4.63      | 3.5           | 4.7            | A++                     |
| 7                          | 9  | 16    | 1.92                                         | 2.48 | 1.1                     | 4.40  | 5.5  | 0.25             | 0.95  | 1.65 | 4.63      | 3.5           | 4.7            | A++                     |
| 7                          | 12 | 19    | 1.62                                         | 2.78 | 1.1                     | 4.40  | 5.5  | 0.25             | 0.95  | 1.65 | 4.63      | 3.5           | 4.7            | A++                     |
| 9                          | 9  | 18    | 2.20                                         | 2.20 | 1.1                     | 4.40  | 5.5  | 0.25             | 0.95  | 1.65 | 4.63      | 3.5           | 4.7            | A++                     |
| 9                          | 12 | 21    | 1.89                                         | 2.51 | 1.1                     | 4.40  | 5.5  | 0.25             | 0.95  | 1.65 | 4.63      | 3.5           | 4.7            | A++                     |

### Indoor unit combination (All models other than wall-mounted type KG/KM models)

| Combination of indoor unit |    |       | Rated capacity for each indoor unit (kBtu/h) |      | Total capacity (kBtu/h) |       |      | Input power (kW) |       |      | COP (W/W) | Seasonal data |                |                         |
|----------------------------|----|-------|----------------------------------------------|------|-------------------------|-------|------|------------------|-------|------|-----------|---------------|----------------|-------------------------|
| Unit                       |    | Total | Unit                                         |      | Min.                    | Rated | Max. | Min.             | Rated | Max. |           | Pdesign (kW)  | SCOP (kWh/kWh) | Energy efficiency class |
| 1                          | 2  |       | 1                                            | 2    |                         |       |      |                  |       |      |           |               |                |                         |
| 5                          | 5  | 10    | 1.80                                         | 1.80 | 1.1                     | 3.60  | 4.2  | 0.25             | 0.80  | 1.25 | 4.52      | 2.9           | 4.08           | A+                      |
| 5                          | 7  | 12    | 1.67                                         | 2.33 | 1.1                     | 4.00  | 4.8  | 0.25             | 0.92  | 1.50 | 4.36      | 3.4           | 4.10           | A+                      |
| 5                          | 9  | 14    | 1.57                                         | 2.83 | 1.1                     | 4.40  | 5.1  | 0.25             | 1.06  | 1.70 | 4.16      | 3.5           | 4.10           | A+                      |
| 5                          | 12 | 17    | 1.29                                         | 3.11 | 1.1                     | 4.40  | 5.4  | 0.25             | 1.01  | 1.70 | 4.34      | 3.5           | 4.10           | A+                      |
| 7                          | 7  | 14    | 2.20                                         | 2.20 | 1.1                     | 4.40  | 5.5  | 0.25             | 1.00  | 1.70 | 4.40      | 3.5           | 4.10           | A+                      |
| 7                          | 9  | 16    | 1.92                                         | 2.48 | 1.1                     | 4.40  | 5.5  | 0.25             | 1.00  | 1.70 | 4.40      | 3.5           | 4.10           | A+                      |
| 7                          | 12 | 19    | 1.62                                         | 2.78 | 1.1                     | 4.40  | 5.5  | 0.25             | 1.00  | 1.70 | 4.40      | 3.5           | 4.10           | A+                      |
| 9                          | 9  | 18    | 2.20                                         | 2.20 | 1.1                     | 4.40  | 5.5  | 0.25             | 1.00  | 1.70 | 4.40      | 3.5           | 4.1            | A+                      |
| 9                          | 12 | 21    | 1.89                                         | 2.51 | 1.1                     | 4.40  | 5.5  | 0.25             | 1.00  | 1.70 | 4.40      | 3.5           | 4.1            | A+                      |

#### NOTES:

- 5: 5,000 Btu/h, 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h
- The above is the value for connecting with KG models in wall mounted type.
- 2 or more indoor units should be connected.
- Heating: Indoor temperature of 20 °CDB, and outdoor temperature of 7 °CDB/6 °CWB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected indoor unit is from 10,000 Btu/h up to 21,000 Btu/h.

# Model: AOEG18KBCA2

## Cooling

### Indoor unit combination (Wall-mounted KG/KM type only)

| Combination of indoor unit |    |       | Rated capacity for each indoor unit (kW) |      | Total capacity (kW) |       |      | Input power (kW) |       |      | EER (W/W) | Seasonal data |                |                         |
|----------------------------|----|-------|------------------------------------------|------|---------------------|-------|------|------------------|-------|------|-----------|---------------|----------------|-------------------------|
| Unit                       |    | Total | Unit                                     |      | Min.                | Rated | Max. | Min.             | Rated | Max. |           | Pdesign (kW)  | SEER (kWh/kWh) | Energy efficiency class |
| 1                          | 2  |       | 1                                        | 2    |                     |       |      |                  |       |      |           |               |                |                         |
| 7                          | 7  | 14    | 2.00                                     | 2.00 | 1.7                 | 4.00  | 5.0  | 0.25             | 0.92  | 1.23 | 4.35      | 4.0           | 8.8            | A+++                    |
| 7                          | 9  | 16    | 2.00                                     | 2.50 | 1.7                 | 4.50  | 5.7  | 0.25             | 1.07  | 1.45 | 4.22      | 4.5           | 8.7            | A+++                    |
| 7                          | 12 | 19    | 1.84                                     | 3.16 | 1.7                 | 5.00  | 5.8  | 0.25             | 1.24  | 1.55 | 4.03      | 5.0           | 8.6            | A+++                    |
| 7                          | 14 | 21    | 1.67                                     | 3.33 | 1.7                 | 5.00  | 5.8  | 0.25             | 1.24  | 1.55 | 4.03      | 5.0           | 8.6            | A+++                    |
| 9                          | 9  | 18    | 2.50                                     | 2.50 | 1.7                 | 5.00  | 5.8  | 0.25             | 1.24  | 1.55 | 4.03      | 5.0           | 8.6            | A+++                    |
| 9                          | 12 | 21    | 2.14                                     | 2.86 | 1.7                 | 5.00  | 5.8  | 0.25             | 1.24  | 1.55 | 4.03      | 5.0           | 8.6            | A+++                    |
| 9                          | 14 | 23    | 1.96                                     | 3.04 | 1.7                 | 5.00  | 5.8  | 0.25             | 1.24  | 1.55 | 4.03      | 5.0           | 8.6            | A+++                    |
| 12                         | 12 | 24    | 2.50                                     | 2.50 | 1.7                 | 5.00  | 5.8  | 0.25             | 1.24  | 1.55 | 4.03      | 5.0           | 8.6            | A+++                    |
| 12                         | 14 | 26    | 2.31                                     | 2.69 | 1.7                 | 5.00  | 5.8  | 0.25             | 1.24  | 1.55 | 4.03      | 5.0           | 8.6            | A+++                    |

### Indoor unit combination (All models other than wall-mounted type KG/KM models)

| Combination of indoor unit |    |       | Rated capacity for each indoor unit (kW) |      | Total capacity (kW) |       |      | Input power (kW) |       |      | EER (W/W) | Seasonal data |                |                         |
|----------------------------|----|-------|------------------------------------------|------|---------------------|-------|------|------------------|-------|------|-----------|---------------|----------------|-------------------------|
| Unit                       |    | Total | Unit                                     |      | Min.                | Rated | Max. | Min.             | Rated | Max. |           | Pdesign (kW)  | SEER (kWh/kWh) | Energy efficiency class |
| 1                          | 2  |       | 1                                        | 2    |                     |       |      |                  |       |      |           |               |                |                         |
| 5                          | 5  | 10    | 1.50                                     | 1.50 | 1.7                 | 3.00  | 3.60 | 0.25             | 0.53  | 0.94 | 5.65      | 3.0           | 6.9            | A++                     |
| 5                          | 7  | 12    | 1.50                                     | 2.00 | 1.7                 | 3.50  | 4.30 | 0.25             | 0.75  | 1.12 | 4.65      | 3.5           | 6.9            | A++                     |
| 5                          | 9  | 14    | 1.50                                     | 2.50 | 1.7                 | 4.00  | 5.00 | 0.25             | 0.97  | 1.29 | 4.10      | 4.0           | 6.9            | A++                     |
| 5                          | 12 | 17    | 1.41                                     | 3.39 | 1.7                 | 4.80  | 5.70 | 0.25             | 1.20  | 1.58 | 4.00      | 5.0           | 6.7            | A++                     |
| 5                          | 14 | 19    | 1.32                                     | 3.68 | 1.7                 | 5.00  | 5.80 | 0.25             | 1.32  | 1.63 | 3.78      | 5.0           | 6.7            | A++                     |
| 7                          | 7  | 14    | 2.00                                     | 2.00 | 1.7                 | 4.00  | 5.00 | 0.25             | 0.97  | 1.29 | 4.10      | 4.0           | 6.9            | A++                     |
| 7                          | 9  | 16    | 2.00                                     | 2.50 | 1.7                 | 4.50  | 5.70 | 0.25             | 1.20  | 1.58 | 3.75      | 4.5           | 6.8            | A++                     |
| 7                          | 12 | 19    | 1.84                                     | 3.16 | 1.7                 | 5.00  | 5.80 | 0.25             | 1.32  | 1.63 | 3.79      | 5.0           | 6.7            | A++                     |
| 7                          | 14 | 21    | 1.67                                     | 3.33 | 1.7                 | 5.00  | 5.80 | 0.25             | 1.32  | 1.63 | 3.79      | 5.0           | 6.7            | A++                     |
| 9                          | 9  | 18    | 2.50                                     | 2.50 | 1.7                 | 5.00  | 5.80 | 0.25             | 1.32  | 1.63 | 3.79      | 5.0           | 6.7            | A++                     |
| 9                          | 12 | 21    | 2.14                                     | 2.86 | 1.7                 | 5.00  | 5.80 | 0.25             | 1.32  | 1.63 | 3.79      | 5.0           | 6.7            | A++                     |
| 9                          | 14 | 23    | 1.96                                     | 3.04 | 1.7                 | 5.00  | 5.80 | 0.25             | 1.32  | 1.63 | 3.79      | 5.0           | 6.7            | A++                     |
| 12                         | 12 | 24    | 2.50                                     | 2.50 | 1.7                 | 5.00  | 5.80 | 0.25             | 1.32  | 1.63 | 3.79      | 5.0           | 6.7            | A++                     |
| 12                         | 14 | 26    | 2.31                                     | 2.69 | 1.7                 | 5.00  | 5.80 | 0.25             | 1.32  | 1.63 | 3.79      | 5.0           | 6.7            | A++                     |

#### NOTES:

- 5: 5,000 Btu/h, 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 14: 14,000 Btu/h
- The above is the value for connecting with KG models in wall mounted type.
- 2 or more indoor units should be connected.
- Cooling: Indoor temperature of 27 °CDB/19 °CWB and outdoor temperature of 35 °CDB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected indoor units is from 10,000 Btu/h up to 26,000 Btu/h.

## ● Heating

### Indoor unit combination (Wall-mounted KG/KM type only)

| Combination of indoor unit |    |       | Rated capacity for each indoor unit (kW) |      | Total capacity (kW) |       |      | Input power (kW) |       |      | COP (W/W) | Seasonal data |                |                         |
|----------------------------|----|-------|------------------------------------------|------|---------------------|-------|------|------------------|-------|------|-----------|---------------|----------------|-------------------------|
| Unit                       |    | Total | Unit                                     |      | Min.                | Rated | Max. | Min.             | Rated | Max. |           | Pdesign (kW)  | SCOP (kWh/kWh) | Energy efficiency class |
| 1                          | 2  |       | 1                                        | 2    |                     |       |      |                  |       |      |           |               |                |                         |
| 7                          | 7  | 14    | 2.40                                     | 2.40 | 1.7                 | 4.80  | 5.60 | 0.25             | 0.99  | 1.35 | 4.85      | 3.8           | 4.7            | A++                     |
| 7                          | 9  | 16    | 2.40                                     | 3.00 | 1.7                 | 5.40  | 6.40 | 0.25             | 1.15  | 1.60 | 4.70      | 4.0           | 4.7            | A++                     |
| 7                          | 12 | 19    | 2.06                                     | 3.54 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.22  | 1.80 | 4.59      | 4.2           | 4.7            | A++                     |
| 7                          | 14 | 21    | 1.87                                     | 3.73 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.22  | 1.80 | 4.59      | 4.2           | 4.7            | A++                     |
| 9                          | 9  | 18    | 2.80                                     | 2.80 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.22  | 1.80 | 4.59      | 4.2           | 4.7            | A++                     |
| 9                          | 12 | 21    | 2.40                                     | 3.20 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.22  | 1.80 | 4.59      | 4.2           | 4.7            | A++                     |
| 9                          | 14 | 23    | 2.19                                     | 3.41 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.22  | 1.80 | 4.59      | 4.2           | 4.7            | A++                     |
| 12                         | 12 | 24    | 2.80                                     | 2.80 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.22  | 1.80 | 4.59      | 4.2           | 4.7            | A++                     |
| 12                         | 14 | 26    | 2.58                                     | 3.02 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.22  | 1.80 | 4.59      | 4.2           | 4.7            | A++                     |

### Indoor unit combination (All models other than wall-mounted type KG/KM models)

| Combination of indoor unit |    |       | Rated capacity for each indoor unit (kW) |      | Total capacity (kW) |       |      | Input power (kW) |       |      | COP (W/W) | Seasonal data |                |                         |
|----------------------------|----|-------|------------------------------------------|------|---------------------|-------|------|------------------|-------|------|-----------|---------------|----------------|-------------------------|
| Unit                       |    | Total | Unit                                     |      | Min.                | Rated | Max. | Min.             | Rated | Max. |           | Pdesign (kW)  | SCOP (kWh/kWh) | Energy efficiency class |
| 1                          | 2  |       | 1                                        | 2    |                     |       |      |                  |       |      |           |               |                |                         |
| 5                          | 5  | 10    | 1.80                                     | 1.80 | 1.7                 | 3.60  | 4.20 | 0.25             | 0.80  | 0.94 | 4.50      | 2.9           | 4.1            | A+                      |
| 5                          | 7  | 12    | 1.80                                     | 2.40 | 1.7                 | 4.20  | 4.90 | 0.25             | 0.92  | 1.18 | 4.54      | 3.4           | 4.1            | A+                      |
| 5                          | 9  | 14    | 1.80                                     | 3.00 | 1.7                 | 4.80  | 5.60 | 0.25             | 1.05  | 1.41 | 4.57      | 3.8           | 4.1            | A+                      |
| 5                          | 12 | 17    | 1.59                                     | 3.81 | 1.7                 | 5.40  | 6.40 | 0.25             | 1.24  | 1.76 | 4.36      | 4.2           | 4.0            | A+                      |
| 5                          | 14 | 19    | 1.47                                     | 4.13 | 1.7                 | 5.60  | 6.60 | 0.25             | 1.30  | 1.88 | 4.30      | 4.2           | 4.0            | A+                      |
| 7                          | 7  | 14    | 2.40                                     | 2.40 | 1.7                 | 4.80  | 5.60 | 0.25             | 1.05  | 1.41 | 4.57      | 3.8           | 4.1            | A+                      |
| 7                          | 9  | 16    | 2.40                                     | 3.00 | 1.7                 | 5.40  | 6.40 | 0.25             | 1.23  | 1.68 | 4.39      | 4.0           | 4.0            | A+                      |
| 7                          | 12 | 19    | 2.06                                     | 3.54 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.30  | 1.88 | 4.30      | 4.2           | 4.0            | A+                      |
| 7                          | 14 | 21    | 1.87                                     | 3.73 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.30  | 1.88 | 4.30      | 4.2           | 4.0            | A+                      |
| 9                          | 9  | 18    | 2.80                                     | 2.80 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.30  | 1.88 | 4.30      | 4.2           | 4.0            | A+                      |
| 9                          | 12 | 21    | 2.40                                     | 3.20 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.30  | 1.88 | 4.30      | 4.2           | 4.0            | A+                      |
| 9                          | 14 | 23    | 2.19                                     | 3.41 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.30  | 1.88 | 4.30      | 4.2           | 4.0            | A+                      |
| 12                         | 12 | 24    | 2.80                                     | 2.80 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.30  | 1.88 | 4.30      | 4.2           | 4.0            | A+                      |
| 12                         | 14 | 26    | 2.58                                     | 3.02 | 1.7                 | 5.60  | 7.00 | 0.25             | 1.30  | 1.88 | 4.30      | 4.2           | 4.0            | A+                      |

#### NOTES:

- 5: 5,000 Btu/h, 7: 7,000 Btu/h, 9: 9,000 Btu/h, 12: 12,000 Btu/h, 14: 14,000 Btu/h
- The above is the value for connecting with KG models in wall mounted type.
- 2 or more indoor units should be connected.
- Heating: Indoor temperature of 20 °CDB, and outdoor temperature of 7 °CDB/6 °CWB.
- Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- The total ability of connected indoor units is from 10,000 Btu/h up to 26,000 Btu/h.

## 6-2. Cooling capacity

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

### Model: AOEG14KBCA2

| Indoor unit connect-<br>ing capacity | Outdoor temperature | Indoor temperature |      |           |      |           |      |           |      |           |      |           |      |
|--------------------------------------|---------------------|--------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                                      |                     | 18.0 °CDB          |      | 21.0 °CDB |      | 23.0 °CDB |      | 27.0 °CDB |      | 29.0 °CDB |      | 32.0 °CDB |      |
|                                      |                     | 12.0 °CWB          |      | 15.0 °CWB |      | 16.0 °CWB |      | 19.0 °CWB |      | 21.0 °CWB |      | 23.0 °CWB |      |
| kBtu/h                               | °CDB                | TC                 | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   |
| 21                                   | -10.0               | 3.60               | 0.63 | 4.10      | 0.64 | 4.30      | 0.64 | 4.60      | 0.65 | 4.90      | 0.66 | 5.10      | 0.66 |
|                                      | 0.0                 | 3.60               | 0.28 | 4.10      | 0.28 | 4.30      | 0.28 | 4.60      | 0.29 | 4.90      | 0.29 | 5.10      | 0.29 |
|                                      | 5.0                 | 3.60               | 0.45 | 4.10      | 0.46 | 4.30      | 0.46 | 4.60      | 0.47 | 4.90      | 0.47 | 5.10      | 0.47 |
|                                      | 10.0                | 3.60               | 0.38 | 4.10      | 0.38 | 4.30      | 0.38 | 4.60      | 0.39 | 4.90      | 0.39 | 5.10      | 0.40 |
|                                      | 15.0                | 3.60               | 0.50 | 4.10      | 0.51 | 4.30      | 0.51 | 4.60      | 0.52 | 4.90      | 0.52 | 5.10      | 0.53 |
|                                      | 20.0                | 3.60               | 0.59 | 4.10      | 0.60 | 4.30      | 0.61 | 4.60      | 0.62 | 4.90      | 0.62 | 5.10      | 0.63 |
|                                      | 25.0                | 3.60               | 0.76 | 4.10      | 0.78 | 4.30      | 0.78 | 4.60      | 0.79 | 4.90      | 0.80 | 5.10      | 0.81 |
|                                      | 30.0                | 3.60               | 0.91 | 4.10      | 0.93 | 4.30      | 0.94 | 4.60      | 0.95 | 4.90      | 0.96 | 5.10      | 0.96 |
|                                      | 35.0                | 3.60               | 1.21 | 4.10      | 1.23 | 4.30      | 1.24 | 4.60      | 1.25 | 4.90      | 1.26 | 5.10      | 1.27 |
|                                      | 40.0                | 3.10               | 1.00 | 3.50      | 1.02 | 3.70      | 1.03 | 4.00      | 1.04 | 4.30      | 1.05 | 4.40      | 1.06 |
| 19                                   | -10.0               | 3.60               | 0.63 | 4.10      | 0.64 | 4.30      | 0.64 | 4.60      | 0.65 | 4.90      | 0.66 | 5.10      | 0.66 |
|                                      | 0.0                 | 3.60               | 0.28 | 4.10      | 0.28 | 4.30      | 0.28 | 4.60      | 0.29 | 4.90      | 0.29 | 5.10      | 0.29 |
|                                      | 5.0                 | 3.60               | 0.45 | 4.10      | 0.46 | 4.30      | 0.46 | 4.60      | 0.47 | 4.90      | 0.47 | 5.10      | 0.47 |
|                                      | 10.0                | 3.60               | 0.38 | 4.10      | 0.38 | 4.30      | 0.38 | 4.60      | 0.39 | 4.90      | 0.39 | 5.10      | 0.40 |
|                                      | 15.0                | 3.60               | 0.50 | 4.10      | 0.51 | 4.30      | 0.51 | 4.60      | 0.52 | 4.90      | 0.52 | 5.10      | 0.53 |
|                                      | 20.0                | 3.60               | 0.59 | 4.10      | 0.60 | 4.30      | 0.61 | 4.60      | 0.62 | 4.90      | 0.62 | 5.10      | 0.63 |
|                                      | 25.0                | 3.60               | 0.76 | 4.10      | 0.78 | 4.30      | 0.78 | 4.60      | 0.79 | 4.90      | 0.80 | 5.10      | 0.81 |
|                                      | 30.0                | 3.60               | 0.91 | 4.10      | 0.93 | 4.30      | 0.94 | 4.60      | 0.95 | 4.90      | 0.96 | 5.10      | 0.96 |
|                                      | 35.0                | 3.60               | 1.21 | 4.10      | 1.23 | 4.30      | 1.24 | 4.60      | 1.25 | 4.90      | 1.26 | 5.10      | 1.27 |
|                                      | 40.0                | 3.10               | 1.00 | 3.50      | 1.02 | 3.70      | 1.03 | 4.00      | 1.04 | 4.30      | 1.05 | 4.40      | 1.06 |
| 18                                   | -10.0               | 3.60               | 0.63 | 4.10      | 0.64 | 4.30      | 0.64 | 4.60      | 0.65 | 4.90      | 0.66 | 5.10      | 0.66 |
|                                      | 0.0                 | 3.60               | 0.28 | 4.10      | 0.28 | 4.30      | 0.28 | 4.60      | 0.29 | 4.90      | 0.29 | 5.10      | 0.29 |
|                                      | 5.0                 | 3.60               | 0.45 | 4.10      | 0.46 | 4.30      | 0.46 | 4.60      | 0.47 | 4.90      | 0.47 | 5.10      | 0.47 |
|                                      | 10.0                | 3.60               | 0.38 | 4.10      | 0.38 | 4.30      | 0.38 | 4.60      | 0.39 | 4.90      | 0.39 | 5.10      | 0.40 |
|                                      | 15.0                | 3.60               | 0.50 | 4.10      | 0.51 | 4.30      | 0.51 | 4.60      | 0.52 | 4.90      | 0.52 | 5.10      | 0.53 |
|                                      | 20.0                | 3.60               | 0.59 | 4.10      | 0.60 | 4.30      | 0.61 | 4.60      | 0.62 | 4.90      | 0.62 | 5.10      | 0.63 |
|                                      | 25.0                | 3.60               | 0.76 | 4.10      | 0.78 | 4.30      | 0.78 | 4.60      | 0.79 | 4.90      | 0.80 | 5.10      | 0.81 |
|                                      | 30.0                | 3.60               | 0.91 | 4.10      | 0.93 | 4.30      | 0.94 | 4.60      | 0.95 | 4.90      | 0.96 | 5.10      | 0.96 |
|                                      | 35.0                | 3.60               | 1.21 | 4.10      | 1.23 | 4.30      | 1.24 | 4.60      | 1.25 | 4.90      | 1.26 | 5.10      | 1.27 |
|                                      | 40.0                | 3.10               | 1.00 | 3.50      | 1.02 | 3.70      | 1.03 | 4.00      | 1.04 | 4.30      | 1.05 | 4.40      | 1.06 |
| 17                                   | -10.0               | 3.60               | 0.63 | 4.10      | 0.64 | 4.30      | 0.64 | 4.60      | 0.65 | 4.90      | 0.66 | 5.10      | 0.66 |
|                                      | 0.0                 | 3.60               | 0.28 | 4.10      | 0.28 | 4.30      | 0.28 | 4.60      | 0.29 | 4.90      | 0.29 | 5.10      | 0.29 |
|                                      | 5.0                 | 3.60               | 0.45 | 4.10      | 0.46 | 4.30      | 0.46 | 4.60      | 0.47 | 4.90      | 0.47 | 5.10      | 0.47 |
|                                      | 10.0                | 3.60               | 0.38 | 4.10      | 0.38 | 4.30      | 0.38 | 4.60      | 0.39 | 4.90      | 0.39 | 5.10      | 0.40 |
|                                      | 15.0                | 3.60               | 0.50 | 4.10      | 0.51 | 4.30      | 0.51 | 4.60      | 0.52 | 4.90      | 0.52 | 5.10      | 0.53 |
|                                      | 20.0                | 3.60               | 0.59 | 4.10      | 0.60 | 4.30      | 0.61 | 4.60      | 0.62 | 4.90      | 0.62 | 5.10      | 0.63 |
|                                      | 25.0                | 3.60               | 0.76 | 4.10      | 0.78 | 4.30      | 0.78 | 4.60      | 0.79 | 4.90      | 0.80 | 5.10      | 0.81 |
|                                      | 30.0                | 3.60               | 0.91 | 4.10      | 0.93 | 4.30      | 0.94 | 4.60      | 0.95 | 4.90      | 0.96 | 5.10      | 0.96 |
|                                      | 35.0                | 3.60               | 1.21 | 4.10      | 1.23 | 4.30      | 1.24 | 4.60      | 1.25 | 4.90      | 1.26 | 5.10      | 1.27 |
|                                      | 40.0                | 3.13               | 1.00 | 3.54      | 1.02 | 3.73      | 1.03 | 3.99      | 1.04 | 4.27      | 1.05 | 4.40      | 1.06 |
| 14                                   | -10.0               | 3.60               | 0.63 | 4.10      | 0.64 | 4.30      | 0.64 | 4.60      | 0.65 | 4.90      | 0.66 | 5.10      | 0.66 |
|                                      | 0.0                 | 3.60               | 0.28 | 4.10      | 0.28 | 4.30      | 0.28 | 4.60      | 0.29 | 4.90      | 0.29 | 5.10      | 0.29 |
|                                      | 5.0                 | 3.60               | 0.45 | 4.10      | 0.46 | 4.30      | 0.46 | 4.60      | 0.47 | 4.90      | 0.47 | 5.10      | 0.47 |
|                                      | 10.0                | 3.60               | 0.38 | 4.10      | 0.38 | 4.30      | 0.38 | 4.60      | 0.39 | 4.90      | 0.39 | 5.10      | 0.40 |
|                                      | 15.0                | 3.60               | 0.50 | 4.10      | 0.51 | 4.30      | 0.51 | 4.60      | 0.52 | 4.90      | 0.52 | 5.10      | 0.53 |
|                                      | 20.0                | 3.60               | 0.59 | 4.10      | 0.60 | 4.30      | 0.61 | 4.60      | 0.62 | 4.90      | 0.62 | 5.10      | 0.63 |
|                                      | 25.0                | 3.60               | 0.76 | 4.10      | 0.78 | 4.30      | 0.78 | 4.60      | 0.79 | 4.90      | 0.80 | 5.10      | 0.81 |
|                                      | 30.0                | 3.60               | 0.91 | 4.10      | 0.93 | 4.30      | 0.94 | 4.60      | 0.95 | 4.90      | 0.96 | 5.10      | 0.96 |
|                                      | 35.0                | 3.60               | 1.21 | 4.10      | 1.23 | 4.30      | 1.24 | 4.60      | 1.25 | 4.90      | 1.26 | 5.10      | 1.27 |
|                                      | 40.0                | 2.70               | 1.01 | 3.10      | 1.03 | 3.20      | 1.04 | 3.50      | 1.05 | 3.70      | 1.06 | 3.80      | 1.07 |
| 12                                   | -10.0               | 3.37               | 0.38 | 3.81      | 0.38 | 4.02      | 0.39 | 4.30      | 0.39 | 4.60      | 0.40 | 4.74      | 0.40 |
|                                      | 0.0                 | 3.37               | 0.24 | 3.81      | 0.25 | 4.02      | 0.25 | 4.30      | 0.25 | 4.60      | 0.26 | 4.74      | 0.26 |
|                                      | 5.0                 | 3.37               | 0.39 | 3.81      | 0.40 | 4.02      | 0.40 | 4.30      | 0.41 | 4.60      | 0.41 | 4.74      | 0.42 |
|                                      | 10.0                | 3.37               | 0.33 | 3.81      | 0.34 | 4.02      | 0.34 | 4.30      | 0.34 | 4.60      | 0.35 | 4.74      | 0.35 |
|                                      | 15.0                | 3.37               | 0.44 | 3.81      | 0.45 | 4.02      | 0.45 | 4.30      | 0.46 | 4.60      | 0.46 | 4.74      | 0.46 |
|                                      | 20.0                | 3.37               | 0.52 | 3.81      | 0.53 | 4.02      | 0.54 | 4.30      | 0.54 | 4.60      | 0.55 | 4.74      | 0.55 |
|                                      | 25.0                | 3.37               | 0.67 | 3.81      | 0.68 | 4.02      | 0.69 | 4.30      | 0.70 | 4.60      | 0.71 | 4.74      | 0.71 |
|                                      | 30.0                | 3.37               | 0.80 | 3.81      | 0.82 | 4.02      | 0.82 | 4.30      | 0.83 | 4.60      | 0.84 | 4.74      | 0.85 |
|                                      | 35.0                | 3.37               | 1.06 | 3.81      | 1.08 | 4.02      | 1.09 | 4.30      | 1.10 | 4.60      | 1.11 | 4.74      | 1.12 |
|                                      | 40.0                | 3.13               | 1.00 | 3.54      | 1.02 | 3.73      | 1.03 | 3.99      | 1.04 | 4.27      | 1.05 | 4.40      | 1.06 |
| 10                                   | -10.0               | 2.72               | 1.01 | 3.08      | 1.03 | 3.24      | 1.04 | 3.47      | 1.05 | 3.71      | 1.06 | 3.83      | 1.07 |
|                                      | 0.0                 | 2.82               | 0.33 | 3.19      | 0.33 | 3.36      | 0.33 | 3.60      | 0.34 | 3.85      | 0.34 | 3.97      | 0.34 |
|                                      | 5.0                 | 2.82               | 0.21 | 3.19      | 0.21 | 3.36      | 0.22 | 3.60      | 0.22 | 3.85      | 0.22 | 3.97      | 0.22 |
|                                      | 10.0                | 2.82               | 0.34 | 3.19      | 0.35 | 3.36      | 0.35 | 3.60      | 0.35 | 3.85      | 0.36 | 3.97      | 0.36 |
|                                      | 15.0                | 2.82               | 0.29 | 3.19      | 0.29 | 3.36      | 0.29 | 3.60      | 0.30 | 3.85      | 0.30 | 3.97      | 0.30 |
|                                      | 20.0                | 2.82               | 0.38 | 3.19      | 0.39 | 3.36      | 0.39 | 3.60      | 0.39 | 3.85      | 0.40 | 3.97      | 0.40 |
|                                      | 25.0                | 2.82               | 0.45 | 3.19      | 0.46 | 3.36      | 0.46 | 3.60      | 0.47 | 3.85      | 0.47 | 3.97      | 0.48 |
|                                      | 30.0                | 2.82               | 0.58 | 3.19      | 0.59 | 3.36      | 0.60 | 3.60      | 0.60 | 3.85      | 0.61 | 3.97      | 0.61 |
|                                      | 35.0                | 2.82               | 0.69 | 3.19      | 0.70 | 3.36      | 0.71 | 3.60      | 0.72 | 3.85      | 0.73 | 3.97      | 0.73 |
|                                      | 40.0                | 2.82               | 0.92 | 3.19      | 0.93 | 3.36      | 0.94 | 3.60      | 0.95 | 3.85      | 0.96 | 3.97      | 0.97 |

**NOTES:**

- TC: Total Capacity (kW), IP: Input Power (kW)
- Values mentioned in the table are based on the following conditions:
  - Power source of specifications: 230 V
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- 2 or more indoor units should be connected.
- The total ability of connected indoor unit is from 10,000 Btu/h up to 21,000 Btu/h.
- Input in the table are calculated based on the maximum indoor unit input combinations.



## ● Compact cassette type

### Model: AUXG07KVLA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 0.0                 | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 5.0                 | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 10.0                | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 15.0                | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 20.0                | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 25.0                | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 30.0                | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 35.0                | 1.80                             | 1.22 | 2.04        | 1.39 | 2.15        | 1.60 | 2.30        | 1.79 | 2.46        | 1.96 | 2.53        | 2.25 |
| 40.0                | 1.57                             | 0.92 | 1.77        | 1.05 | 1.87        | 1.20 | 2.00        | 1.35 | 2.13        | 1.48 | 2.20        | 1.69 |
| 46.0                | 1.36                             | 0.69 | 1.54        | 0.79 | 1.62        | 0.91 | 1.74        | 1.02 | 1.86        | 1.12 | 1.91        | 1.28 |

### Model: AUXG09KVLA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 0.0                 | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 5.0                 | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 10.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 15.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 20.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 25.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 30.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 35.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 40.0                | 1.76                             | 1.02 | 1.99        | 1.16 | 2.10        | 1.34 | 2.25        | 1.50 | 2.40        | 1.64 | 2.48        | 1.88 |
| 46.0                | 1.53                             | 0.77 | 1.73        | 0.88 | 1.83        | 1.01 | 1.96        | 1.14 | 2.09        | 1.24 | 2.16        | 1.43 |

### Model: AUXG12KVLA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 0.0                 | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 5.0                 | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 10.0                | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 15.0                | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 20.0                | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 25.0                | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 30.0                | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 35.0                | 2.28                             | 1.50 | 2.58        | 1.71 | 2.72        | 1.97 | 2.91        | 2.21 | 3.11        | 2.42 | 3.21        | 2.77 |
| 40.0                | 1.98                             | 1.13 | 2.24        | 1.29 | 2.36        | 1.48 | 2.53        | 1.67 | 2.70        | 1.82 | 2.78        | 2.09 |
| 46.0                | 1.72                             | 0.86 | 1.95        | 0.97 | 2.05        | 1.12 | 2.20        | 1.26 | 2.35        | 1.38 | 2.42        | 1.58 |

#### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

# ● Mini duct type

## Model: ARXG07KSLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 0.0                 | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 5.0                 | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 10.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 15.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 20.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 25.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 30.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 35.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 40.0                | 1.57                             | 0.94 | 1.77        | 1.07 | 1.87        | 1.23 | 2.00        | 1.39 | 2.13        | 1.52 | 2.20        | 1.74 |
| 46.0                | 1.36                             | 0.71 | 1.54        | 0.81 | 1.62        | 0.93 | 1.74        | 1.05 | 1.86        | 1.15 | 1.91        | 1.31 |

## Model: ARXG09KSLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 0.0                 | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 5.0                 | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 10.0                | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 15.0                | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 20.0                | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 25.0                | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 30.0                | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 35.0                | 2.03                             | 1.30 | 2.29        | 1.48 | 2.42        | 1.71 | 2.59        | 1.92 | 2.77        | 2.10 | 2.85        | 2.40 |
| 40.0                | 1.76                             | 0.98 | 1.99        | 1.12 | 2.10        | 1.29 | 2.25        | 1.44 | 2.40        | 1.58 | 2.48        | 1.81 |
| 46.0                | 1.53                             | 0.74 | 1.73        | 0.84 | 1.83        | 0.97 | 1.96        | 1.09 | 2.09        | 1.20 | 2.16        | 1.37 |

## Model: ARXG12KSLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 0.0                 | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 5.0                 | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 10.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 15.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 20.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 25.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 30.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 35.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 40.0                | 1.98                             | 1.10 | 2.24        | 1.25 | 2.36        | 1.44 | 2.53        | 1.62 | 2.70        | 1.78 | 2.78        | 2.03 |
| 46.0                | 1.72                             | 0.83 | 1.95        | 0.95 | 2.05        | 1.09 | 2.20        | 1.23 | 2.35        | 1.34 | 2.42        | 1.54 |

### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]

## ● Slim duct type

### Model: ARXG07KLLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 0.0                 | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 5.0                 | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 10.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 15.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 20.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 25.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 30.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 35.0                | 1.80                             | 1.25 | 2.04        | 1.42 | 2.15        | 1.64 | 2.30        | 1.84 | 2.46        | 2.01 | 2.53        | 2.31 |
| 40.0                | 1.57                             | 0.94 | 1.77        | 1.07 | 1.87        | 1.23 | 2.00        | 1.39 | 2.13        | 1.52 | 2.20        | 1.74 |
| 46.0                | 1.36                             | 0.71 | 1.54        | 0.81 | 1.62        | 0.93 | 1.74        | 1.05 | 1.86        | 1.15 | 1.91        | 1.31 |

### Model: ARXG09KLLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 0.0                 | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 5.0                 | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 10.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 15.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 20.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 25.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 30.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 35.0                | 2.03                             | 1.35 | 2.29        | 1.54 | 2.42        | 1.78 | 2.59        | 1.99 | 2.77        | 2.18 | 2.85        | 2.50 |
| 40.0                | 1.76                             | 1.02 | 1.99        | 1.16 | 2.10        | 1.34 | 2.25        | 1.50 | 2.40        | 1.64 | 2.48        | 1.88 |
| 46.0                | 1.53                             | 0.77 | 1.73        | 0.88 | 1.83        | 1.01 | 1.96        | 1.14 | 2.09        | 1.24 | 2.16        | 1.43 |

### Model: ARXG12KLLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 0.0                 | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 5.0                 | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 10.0                | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 15.0                | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 20.0                | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 25.0                | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 30.0                | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 35.0                | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 40.0                | 1.98                             | 1.16 | 2.24        | 1.32 | 2.36        | 1.52 | 2.53        | 1.71 | 2.70        | 1.87 | 2.78        | 2.14 |
| 46.0                | 1.72                             | 0.88 | 1.95        | 1.00 | 2.05        | 1.15 | 2.20        | 1.29 | 2.35        | 1.42 | 2.42        | 1.62 |

#### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Medium static pressure duct type

Model: ARXH12KMTAP

| Outdoor temperature<br>(°CDB) | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|-------------------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                               | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
|                               | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0                         | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 0.0                           | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 5.0                           | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 10.0                          | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 15.0                          | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 20.0                          | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 25.0                          | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 30.0                          | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 35.0                          | 2.28                             | 1.54 | 2.58        | 1.75 | 2.72        | 2.02 | 2.91        | 2.27 | 3.11        | 2.48 | 3.21        | 2.84 |
| 40.0                          | 1.98                             | 1.16 | 2.24        | 1.32 | 2.36        | 1.52 | 2.53        | 1.71 | 2.70        | 1.87 | 2.78        | 2.14 |
| 46.0                          | 1.72                             | 0.88 | 1.95        | 1.00 | 2.05        | 1.15 | 2.20        | 1.29 | 2.35        | 1.42 | 2.42        | 1.62 |

### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW).
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

OUTDOOR UNIT

OUTDOOR UNIT

## ● Wall mounted type

### Model: ASEH07KMCG, ASEH07KMCG-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 0.0                 | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 5.0                 | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 10.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 15.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 20.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 25.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 30.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 35.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 40.0                | 1.57                             | 0.76 | 1.77        | 0.87 | 1.87        | 1.00 | 2.00        | 1.13 | 2.13        | 1.23 | 2.20        | 1.41 |
| 46.0                | 1.36                             | 0.58 | 1.54        | 0.66 | 1.62        | 0.76 | 1.74        | 0.85 | 1.86        | 0.93 | 1.91        | 1.07 |

### Model: ASEH09KMCG, ASEH09KMCG-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 0.0                 | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 5.0                 | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 10.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 15.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 20.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 25.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 30.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 35.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 40.0                | 1.76                             | 0.86 | 1.99        | 0.98 | 2.10        | 1.13 | 2.25        | 1.27 | 2.40        | 1.39 | 2.48        | 1.59 |
| 46.0                | 1.53                             | 0.65 | 1.73        | 0.74 | 1.83        | 0.85 | 1.96        | 0.96 | 2.09        | 1.05 | 2.16        | 1.20 |

### Model: ASEH12KMCG, ASEH12KMCG-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 0.0                 | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 5.0                 | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 10.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 15.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 20.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 25.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 30.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 35.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 40.0                | 1.98                             | 0.97 | 2.24        | 1.10 | 2.36        | 1.27 | 2.53        | 1.43 | 2.70        | 1.56 | 2.78        | 1.79 |
| 46.0                | 1.72                             | 0.73 | 1.95        | 0.83 | 2.05        | 0.96 | 2.20        | 1.08 | 2.35        | 1.18 | 2.42        | 1.35 |

## Models: ASEG07KETF and ASEG07KETF-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 0.0                 | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 5.0                 | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 10.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 15.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 20.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 25.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 30.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 35.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 40.0                | 1.57                             | 0.76 | 1.77        | 0.87 | 1.87        | 1.00 | 2.00        | 1.13 | 2.13        | 1.23 | 2.20        | 1.41 |
| 46.0                | 1.36                             | 0.58 | 1.54        | 0.66 | 1.62        | 0.76 | 1.74        | 0.85 | 1.86        | 0.93 | 1.91        | 1.07 |

## Models: ASEG09KETF and ASEG09KETF-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 0.0                 | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 5.0                 | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 10.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 15.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 20.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 25.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 30.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 35.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 40.0                | 1.76                             | 0.86 | 1.99        | 0.98 | 2.10        | 1.13 | 2.25        | 1.27 | 2.40        | 1.39 | 2.48        | 1.59 |
| 46.0                | 1.53                             | 0.65 | 1.73        | 0.74 | 1.83        | 0.85 | 1.96        | 0.96 | 2.09        | 1.05 | 2.16        | 1.20 |

## Models: ASEG12KETF and ASEG12KETF-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 0.0                 | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 5.0                 | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 10.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 15.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 20.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 25.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 30.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 35.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 40.0                | 1.98                             | 0.97 | 2.24        | 1.10 | 2.36        | 1.27 | 2.53        | 1.43 | 2.70        | 1.56 | 2.78        | 1.79 |
| 46.0                | 1.72                             | 0.73 | 1.95        | 0.83 | 2.05        | 0.96 | 2.20        | 1.08 | 2.35        | 1.18 | 2.42        | 1.35 |

## Model: ASEH07KGTG

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 0.0                 | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 5.0                 | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 10.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 15.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 20.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 25.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 30.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 35.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 40.0                | 1.57                             | 0.76 | 1.77        | 0.87 | 1.87        | 1.00 | 2.00        | 1.13 | 2.13        | 1.23 | 2.20        | 1.41 |
| 46.0                | 1.36                             | 0.58 | 1.54        | 0.66 | 1.62        | 0.76 | 1.74        | 0.85 | 1.86        | 0.93 | 1.91        | 1.07 |

## Model: ASEH09KGTG

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 0.0                 | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 5.0                 | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 10.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 15.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 20.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 25.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 30.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 35.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 40.0                | 1.76                             | 0.86 | 1.99        | 0.98 | 2.10        | 1.13 | 2.25        | 1.27 | 2.40        | 1.39 | 2.48        | 1.59 |
| 46.0                | 1.53                             | 0.65 | 1.73        | 0.74 | 1.83        | 0.85 | 1.96        | 0.96 | 2.09        | 1.05 | 2.16        | 1.20 |

## Model: ASEH12KGTG

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 0.0                 | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 5.0                 | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 10.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 15.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 20.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 25.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 30.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 35.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 40.0                | 1.98                             | 0.97 | 2.24        | 1.10 | 2.36        | 1.27 | 2.53        | 1.43 | 2.70        | 1.56 | 2.78        | 1.79 |
| 46.0                | 1.72                             | 0.73 | 1.95        | 0.83 | 2.05        | 0.96 | 2.20        | 1.08 | 2.35        | 1.18 | 2.42        | 1.35 |

## Model: ASEH05KNCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| -5.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 0.0                 | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 5.0                 | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 10.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 15.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 20.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 25.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 30.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 35.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 40.0                | 1.23                             | 0.60 | 1.38        | 0.68 | 1.46        | 0.78 | 1.56        | 0.88 | 1.67        | 0.96 | 1.72        | 1.11 |
| 46.0                | 1.07                             | 0.45 | 1.20        | 0.52 | 1.27        | 0.59 | 1.36        | 0.67 | 1.45        | 0.73 | 1.50        | 0.84 |

## Model: ASEH07KNCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| -5.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 0.0                 | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 5.0                 | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 10.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 15.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 20.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 25.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 30.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 35.0                | 1.80                             | 1.01 | 2.04        | 1.16 | 2.15        | 1.33 | 2.30        | 1.50 | 2.46        | 1.64 | 2.53        | 1.87 |
| 40.0                | 1.57                             | 0.76 | 1.77        | 0.87 | 1.87        | 1.00 | 2.00        | 1.13 | 2.13        | 1.23 | 2.20        | 1.41 |
| 46.0                | 1.36                             | 0.58 | 1.54        | 0.66 | 1.62        | 0.76 | 1.74        | 0.85 | 1.86        | 0.93 | 1.91        | 1.07 |

## Model: ASEH09KNCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| -5.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 0.0                 | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 5.0                 | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 10.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 15.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 20.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 25.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 30.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 35.0                | 2.03                             | 1.14 | 2.29        | 1.30 | 2.42        | 1.50 | 2.59        | 1.68 | 2.77        | 1.84 | 2.85        | 2.11 |
| 40.0                | 1.76                             | 0.86 | 1.99        | 0.98 | 2.10        | 1.13 | 2.25        | 1.27 | 2.40        | 1.39 | 2.48        | 1.59 |
| 46.0                | 1.53                             | 0.65 | 1.73        | 0.74 | 1.83        | 0.85 | 1.96        | 0.96 | 2.09        | 1.05 | 2.16        | 1.20 |

## Model: ASEH12KNCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| -5.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 0.0                 | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 5.0                 | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 10.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 15.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 20.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 25.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 30.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 35.0                | 2.28                             | 1.28 | 2.58        | 1.46 | 2.72        | 1.68 | 2.91        | 1.89 | 3.11        | 2.07 | 3.21        | 2.37 |
| 40.0                | 1.98                             | 0.97 | 2.24        | 1.10 | 2.36        | 1.27 | 2.53        | 1.43 | 2.70        | 1.56 | 2.78        | 1.79 |
| 46.0                | 1.72                             | 0.73 | 1.95        | 0.83 | 2.05        | 0.96 | 2.20        | 1.08 | 2.35        | 1.18 | 2.42        | 1.35 |

## NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)



## ● Floor type

### Model: AGE09KVCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| -5.0                | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 0.0                 | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 5.0                 | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 10.0                | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 15.0                | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 20.0                | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 25.0                | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 30.0                | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 35.0                | 2.03                             | 1.39 | 2.29        | 1.58 | 2.42        | 1.82 | 2.59        | 2.05 | 2.77        | 2.24 | 2.85        | 2.56 |
| 40.0                | 1.76                             | 1.05 | 1.99        | 1.19 | 2.10        | 1.37 | 2.25        | 1.54 | 2.40        | 1.69 | 2.48        | 1.93 |
| 46.0                | 1.53                             | 0.79 | 1.73        | 0.90 | 1.83        | 1.04 | 1.96        | 1.17 | 2.09        | 1.28 | 2.16        | 1.46 |

### Model: AGE12KVCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| -5.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 0.0                 | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 5.0                 | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 10.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 15.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 20.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 25.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 30.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 35.0                | 2.28                             | 1.46 | 2.58        | 1.66 | 2.72        | 1.92 | 2.91        | 2.15 | 3.11        | 2.36 | 3.21        | 2.70 |
| 40.0                | 1.98                             | 1.10 | 2.24        | 1.25 | 2.36        | 1.44 | 2.53        | 1.62 | 2.70        | 1.78 | 2.78        | 2.03 |
| 46.0                | 1.72                             | 0.83 | 1.95        | 0.95 | 2.05        | 1.09 | 2.20        | 1.23 | 2.35        | 1.34 | 2.42        | 1.54 |

#### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

# Model: AOEG18KBCA2

OUTDOOR UNIT

OUTDOOR UNIT

| Indoor unit connect-<br>ing capacity | Outdoor temperature | Indoor temperature |      |           |      |           |      |           |      |           |      |           |      |
|--------------------------------------|---------------------|--------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                                      |                     | 18.0 °CDB          |      | 21.0 °CDB |      | 23.0 °CDB |      | 27.0 °CDB |      | 29.0 °CDB |      | 32.0 °CDB |      |
|                                      |                     | 12.0 °CWB          |      | 15.0 °CWB |      | 16.0 °CWB |      | 19.0 °CWB |      | 21.0 °CWB |      | 23.0 °CWB |      |
| kBtu/h                               | °CDB                | TC                 | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   |
| 26                                   | -10.0               | 4.50               | 0.80 | 5.10      | 0.81 | 5.40      | 0.82 | 5.80      | 0.83 | 6.20      | 0.84 | 6.40      | 0.84 |
|                                      | 0.0                 | 4.50               | 1.04 | 5.10      | 1.05 | 5.40      | 1.06 | 5.80      | 1.07 | 6.20      | 1.09 | 6.40      | 1.09 |
|                                      | 5.0                 | 4.50               | 0.88 | 5.10      | 0.90 | 5.40      | 0.90 | 5.80      | 0.91 | 6.20      | 0.92 | 6.40      | 0.93 |
|                                      | 10.0                | 4.50               | 0.48 | 5.10      | 0.49 | 5.40      | 0.50 | 5.80      | 0.50 | 6.20      | 0.51 | 6.40      | 0.51 |
|                                      | 15.0                | 4.50               | 0.64 | 5.10      | 0.65 | 5.40      | 0.66 | 5.80      | 0.67 | 6.20      | 0.67 | 6.40      | 0.68 |
|                                      | 20.0                | 4.50               | 0.85 | 5.10      | 0.86 | 5.40      | 0.87 | 5.80      | 0.88 | 6.20      | 0.89 | 6.40      | 0.89 |
|                                      | 25.0                | 4.50               | 1.05 | 5.10      | 1.07 | 5.40      | 1.08 | 5.80      | 1.09 | 6.20      | 1.10 | 6.40      | 1.11 |
|                                      | 30.0                | 4.50               | 1.22 | 5.10      | 1.24 | 5.40      | 1.25 | 5.80      | 1.27 | 6.20      | 1.28 | 6.40      | 1.29 |
|                                      | 35.0                | 4.50               | 1.57 | 5.10      | 1.60 | 5.40      | 1.61 | 5.80      | 1.63 | 6.20      | 1.65 | 6.40      | 1.66 |
| 24                                   | 40.0                | 3.60               | 1.28 | 4.00      | 1.30 | 4.30      | 1.31 | 4.60      | 1.32 | 4.90      | 1.34 | 5.00      | 1.35 |
|                                      | 46.0                | 2.60               | 0.99 | 2.90      | 1.00 | 3.10      | 1.01 | 3.30      | 1.02 | 3.60      | 1.03 | 3.70      | 1.04 |
|                                      | -10.0               | 4.50               | 0.80 | 5.10      | 0.81 | 5.40      | 0.82 | 5.80      | 0.83 | 6.20      | 0.84 | 6.40      | 0.84 |
|                                      | 0.0                 | 4.50               | 1.04 | 5.10      | 1.05 | 5.40      | 1.06 | 5.80      | 1.07 | 6.20      | 1.09 | 6.40      | 1.09 |
|                                      | 5.0                 | 4.50               | 0.88 | 5.10      | 0.90 | 5.40      | 0.90 | 5.80      | 0.91 | 6.20      | 0.92 | 6.40      | 0.93 |
|                                      | 10.0                | 4.50               | 0.48 | 5.10      | 0.49 | 5.40      | 0.50 | 5.80      | 0.50 | 6.20      | 0.51 | 6.40      | 0.51 |
|                                      | 15.0                | 4.50               | 0.64 | 5.10      | 0.65 | 5.40      | 0.66 | 5.80      | 0.67 | 6.20      | 0.67 | 6.40      | 0.68 |
|                                      | 20.0                | 4.50               | 0.85 | 5.10      | 0.86 | 5.40      | 0.87 | 5.80      | 0.88 | 6.20      | 0.89 | 6.40      | 0.89 |
|                                      | 25.0                | 4.50               | 1.05 | 5.10      | 1.07 | 5.40      | 1.08 | 5.80      | 1.09 | 6.20      | 1.10 | 6.40      | 1.11 |
| 23                                   | 30.0                | 4.50               | 1.22 | 5.10      | 1.24 | 5.40      | 1.25 | 5.80      | 1.27 | 6.20      | 1.28 | 6.40      | 1.29 |
|                                      | 35.0                | 4.50               | 1.57 | 5.10      | 1.60 | 5.40      | 1.61 | 5.80      | 1.63 | 6.20      | 1.65 | 6.40      | 1.66 |
|                                      | 40.0                | 3.60               | 1.28 | 4.00      | 1.30 | 4.30      | 1.31 | 4.60      | 1.32 | 4.90      | 1.34 | 5.00      | 1.35 |
|                                      | 46.0                | 2.60               | 0.99 | 2.90      | 1.00 | 3.10      | 1.01 | 3.30      | 1.02 | 3.60      | 1.03 | 3.70      | 1.04 |
|                                      | -10.0               | 4.50               | 0.80 | 5.10      | 0.81 | 5.40      | 0.82 | 5.80      | 0.83 | 6.20      | 0.84 | 6.40      | 0.84 |
|                                      | 0.0                 | 4.50               | 1.04 | 5.10      | 1.05 | 5.40      | 1.06 | 5.80      | 1.07 | 6.20      | 1.09 | 6.40      | 1.09 |
|                                      | 5.0                 | 4.50               | 0.88 | 5.10      | 0.90 | 5.40      | 0.90 | 5.80      | 0.91 | 6.20      | 0.92 | 6.40      | 0.93 |
|                                      | 10.0                | 4.50               | 0.48 | 5.10      | 0.49 | 5.40      | 0.50 | 5.80      | 0.50 | 6.20      | 0.51 | 6.40      | 0.51 |
|                                      | 15.0                | 4.50               | 0.64 | 5.10      | 0.65 | 5.40      | 0.66 | 5.80      | 0.67 | 6.20      | 0.67 | 6.40      | 0.68 |
| 21                                   | 20.0                | 4.50               | 0.85 | 5.10      | 0.86 | 5.40      | 0.87 | 5.80      | 0.88 | 6.20      | 0.89 | 6.40      | 0.89 |
|                                      | 25.0                | 4.50               | 1.05 | 5.10      | 1.07 | 5.40      | 1.08 | 5.80      | 1.09 | 6.20      | 1.10 | 6.40      | 1.11 |
|                                      | 30.0                | 4.50               | 1.22 | 5.10      | 1.24 | 5.40      | 1.25 | 5.80      | 1.27 | 6.20      | 1.28 | 6.40      | 1.29 |
|                                      | 35.0                | 4.50               | 1.57 | 5.10      | 1.60 | 5.40      | 1.61 | 5.80      | 1.63 | 6.20      | 1.65 | 6.40      | 1.66 |
|                                      | 40.0                | 3.60               | 1.28 | 4.00      | 1.30 | 4.30      | 1.31 | 4.60      | 1.32 | 4.90      | 1.34 | 5.00      | 1.35 |
|                                      | 46.0                | 2.60               | 0.99 | 2.90      | 1.00 | 3.10      | 1.01 | 3.30      | 1.02 | 3.60      | 1.03 | 3.70      | 1.04 |
|                                      | -10.0               | 4.50               | 0.80 | 5.10      | 0.81 | 5.40      | 0.82 | 5.80      | 0.83 | 6.20      | 0.84 | 6.40      | 0.84 |
|                                      | 0.0                 | 4.50               | 1.04 | 5.10      | 1.05 | 5.40      | 1.06 | 5.80      | 1.07 | 6.20      | 1.09 | 6.40      | 1.09 |
|                                      | 5.0                 | 4.50               | 0.88 | 5.10      | 0.90 | 5.40      | 0.90 | 5.80      | 0.91 | 6.20      | 0.92 | 6.40      | 0.93 |
| 19                                   | 10.0                | 4.50               | 0.48 | 5.10      | 0.49 | 5.40      | 0.50 | 5.80      | 0.50 | 6.20      | 0.51 | 6.40      | 0.51 |
|                                      | 15.0                | 4.50               | 0.64 | 5.10      | 0.65 | 5.40      | 0.66 | 5.80      | 0.67 | 6.20      | 0.67 | 6.40      | 0.68 |
|                                      | 20.0                | 4.50               | 0.85 | 5.10      | 0.86 | 5.40      | 0.87 | 5.80      | 0.88 | 6.20      | 0.89 | 6.40      | 0.89 |
|                                      | 25.0                | 4.50               | 1.05 | 5.10      | 1.07 | 5.40      | 1.08 | 5.80      | 1.09 | 6.20      | 1.10 | 6.40      | 1.11 |
|                                      | 30.0                | 4.50               | 1.22 | 5.10      | 1.24 | 5.40      | 1.25 | 5.80      | 1.27 | 6.20      | 1.28 | 6.40      | 1.29 |
|                                      | 35.0                | 4.50               | 1.57 | 5.10      | 1.60 | 5.40      | 1.61 | 5.80      | 1.63 | 6.20      | 1.65 | 6.40      | 1.66 |
|                                      | 40.0                | 3.60               | 1.28 | 4.00      | 1.30 | 4.30      | 1.31 | 4.60      | 1.32 | 4.90      | 1.34 | 5.00      | 1.35 |
|                                      | 46.0                | 2.60               | 0.99 | 2.90      | 1.00 | 3.10      | 1.01 | 3.30      | 1.02 | 3.60      | 1.03 | 3.70      | 1.04 |
|                                      | -10.0               | 4.50               | 0.80 | 5.10      | 0.81 | 5.40      | 0.82 | 5.80      | 0.83 | 6.20      | 0.84 | 6.40      | 0.84 |
| 18                                   | 0.0                 | 4.50               | 1.04 | 5.10      | 1.05 | 5.40      | 1.06 | 5.80      | 1.07 | 6.20      | 1.09 | 6.40      | 1.09 |
|                                      | 5.0                 | 4.50               | 0.88 | 5.10      | 0.90 | 5.40      | 0.90 | 5.80      | 0.91 | 6.20      | 0.92 | 6.40      | 0.93 |
|                                      | 10.0                | 4.50               | 0.48 | 5.10      | 0.49 | 5.40      | 0.50 | 5.80      | 0.50 | 6.20      | 0.51 | 6.40      | 0.51 |
|                                      | 15.0                | 4.50               | 0.64 | 5.10      | 0.65 | 5.40      | 0.66 | 5.80      | 0.67 | 6.20      | 0.67 | 6.40      | 0.68 |
|                                      | 20.0                | 4.50               | 0.85 | 5.10      | 0.86 | 5.40      | 0.87 | 5.80      | 0.88 | 6.20      | 0.89 | 6.40      | 0.89 |
|                                      | 25.0                | 4.50               | 1.05 | 5.10      | 1.07 | 5.40      | 1.08 | 5.80      | 1.09 | 6.20      | 1.10 | 6.40      | 1.11 |
|                                      | 30.0                | 4.50               | 1.22 | 5.10      | 1.24 | 5.40      | 1.25 | 5.80      | 1.27 | 6.20      | 1.28 | 6.40      | 1.29 |
|                                      | 35.0                | 4.50               | 1.57 | 5.10      | 1.60 | 5.40      | 1.61 | 5.80      | 1.63 | 6.20      | 1.65 | 6.40      | 1.66 |
|                                      | 40.0                | 3.60               | 1.28 | 4.00      | 1.30 | 4.30      | 1.31 | 4.60      | 1.32 | 4.90      | 1.34 | 5.00      | 1.35 |
| 17                                   | 46.0                | 2.60               | 0.99 | 2.90      | 1.00 | 3.10      | 1.01 | 3.30      | 1.02 | 3.60      | 1.03 | 3.70      | 1.04 |
|                                      | -10.0               | 4.47               | 0.54 | 5.05      | 0.55 | 5.32      | 0.56 | 5.70      | 0.56 | 6.09      | 0.57 | 6.28      | 0.57 |
|                                      | 0.0                 | 4.47               | 1.01 | 5.05      | 1.02 | 5.32      | 1.03 | 5.70      | 1.04 | 6.09      | 1.06 | 6.28      | 1.06 |
|                                      | 5.0                 | 4.47               | 0.86 | 5.05      | 0.87 | 5.32      | 0.88 | 5.70      | 0.89 | 6.09      | 0.90 | 6.28      | 0.90 |
|                                      | 10.0                | 4.47               | 0.47 | 5.05      | 0.48 | 5.32      | 0.48 | 5.70      | 0.49 | 6.09      | 0.49 | 6.28      | 0.50 |
|                                      | 15.0                | 4.47               | 0.62 | 5.05      | 0.63 | 5.32      | 0.64 | 5.70      | 0.65 | 6.09      | 0.65 | 6.28      | 0.66 |
|                                      | 20.0                | 4.47               | 0.82 | 5.05      | 0.84 | 5.32      | 0.84 | 5.70      | 0.85 | 6.09      | 0.86 | 6.28      | 0.87 |
|                                      | 25.0                | 4.47               | 1.02 | 5.05      | 1.04 | 5.32      | 1.05 | 5.70      | 1.06 | 6.09      | 1.07 | 6.28      | 1.08 |
|                                      | 30.0                | 4.47               | 1.19 | 5.05      | 1.21 | 5.32      | 1.22 | 5.70      | 1.23 | 6.09      | 1.25 | 6.28      | 1.25 |
| 16                                   | 35.0                | 4.47               | 1.52 | 5.05      | 1.55 | 5.32      | 1.56 | 5.70      | 1.58 | 6.09      | 1.60 | 6.28      | 1.61 |
|                                      | 40.0                | 3.52               | 1.24 | 3.97      | 1.26 | 4.19      | 1.27 | 4.49      | 1.29 | 4.80      | 1.30 | 4.94      | 1.31 |
|                                      | 46.0                | 3.52               | 0.96 | 3.97      | 0.97 | 4.19      | 0.98 | 4.49      | 0.99 | 4.80      | 1.00 | 4.94      | 1.01 |
|                                      |                     |                    |      |           |      |           |      |           |      |           |      |           |      |

| Indoor unit connect-<br>ing capacity | Outdoor temperature | Indoor temperature |      |           |      |           |      |           |      |           |      |           |      |
|--------------------------------------|---------------------|--------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                                      |                     | 18.0 °CDB          |      | 21.0 °CDB |      | 23.0 °CDB |      | 27.0 °CDB |      | 29.0 °CDB |      | 32.0 °CDB |      |
|                                      |                     | 12.0 °CWB          |      | 15.0 °CWB |      | 16.0 °CWB |      | 19.0 °CWB |      | 21.0 °CWB |      | 23.0 °CWB |      |
| kBtu/h                               | °CDB                | TC                 | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   |
| 16                                   | -10.0               | 4.50               | 0.78 | 5.10      | 0.79 | 5.30      | 0.80 | 5.70      | 0.80 | 6.10      | 0.81 | 6.30      | 0.82 |
|                                      | 0.0                 | 4.50               | 1.01 | 5.10      | 1.02 | 5.30      | 1.03 | 5.70      | 1.04 | 6.10      | 1.06 | 6.30      | 1.06 |
|                                      | 5.0                 | 4.50               | 0.86 | 5.10      | 0.87 | 5.30      | 0.88 | 5.70      | 0.89 | 6.10      | 0.90 | 6.30      | 0.90 |
|                                      | 10.0                | 4.50               | 0.47 | 5.10      | 0.48 | 5.30      | 0.48 | 5.70      | 0.49 | 6.10      | 0.49 | 6.30      | 0.50 |
|                                      | 15.0                | 4.50               | 0.62 | 5.10      | 0.63 | 5.30      | 0.64 | 5.70      | 0.65 | 6.10      | 0.65 | 6.30      | 0.66 |
|                                      | 20.0                | 4.50               | 0.82 | 5.10      | 0.84 | 5.30      | 0.84 | 5.70      | 0.85 | 6.10      | 0.86 | 6.30      | 0.87 |
|                                      | 25.0                | 4.50               | 1.02 | 5.10      | 1.04 | 5.30      | 1.05 | 5.70      | 1.06 | 6.10      | 1.07 | 6.30      | 1.08 |
|                                      | 30.0                | 4.50               | 1.19 | 5.10      | 1.21 | 5.30      | 1.22 | 5.70      | 1.23 | 6.10      | 1.25 | 6.30      | 1.25 |
|                                      | 35.0                | 4.50               | 1.52 | 5.10      | 1.55 | 5.30      | 1.56 | 5.70      | 1.58 | 6.10      | 1.60 | 6.30      | 1.61 |
|                                      | 40.0                | 3.50               | 1.24 | 4.00      | 1.26 | 4.20      | 1.27 | 4.50      | 1.29 | 4.80      | 1.30 | 4.90      | 1.31 |
| 14                                   | 46.0                | 3.50               | 0.96 | 4.00      | 0.97 | 4.20      | 0.98 | 4.50      | 0.99 | 4.80      | 1.00 | 4.90      | 1.01 |
|                                      | -10.0               | 3.90               | 0.63 | 4.40      | 0.64 | 4.70      | 0.65 | 5.00      | 0.65 | 5.30      | 0.66 | 5.50      | 0.67 |
|                                      | 0.0                 | 3.90               | 0.82 | 4.40      | 0.83 | 4.70      | 0.84 | 5.00      | 0.85 | 5.30      | 0.86 | 5.50      | 0.86 |
|                                      | 5.0                 | 3.90               | 0.70 | 4.40      | 0.71 | 4.70      | 0.71 | 5.00      | 0.72 | 5.30      | 0.73 | 5.50      | 0.73 |
|                                      | 10.0                | 3.90               | 0.38 | 4.40      | 0.39 | 4.70      | 0.39 | 5.00      | 0.40 | 5.30      | 0.40 | 5.50      | 0.40 |
|                                      | 15.0                | 3.90               | 0.51 | 4.40      | 0.52 | 4.70      | 0.52 | 5.00      | 0.53 | 5.30      | 0.53 | 5.50      | 0.54 |
|                                      | 20.0                | 3.90               | 0.67 | 4.40      | 0.68 | 4.70      | 0.69 | 5.00      | 0.69 | 5.30      | 0.70 | 5.50      | 0.71 |
|                                      | 25.0                | 3.90               | 0.83 | 4.40      | 0.84 | 4.70      | 0.85 | 5.00      | 0.86 | 5.30      | 0.87 | 5.50      | 0.87 |
|                                      | 30.0                | 3.90               | 0.97 | 4.40      | 0.98 | 4.70      | 0.99 | 5.00      | 1.00 | 5.30      | 1.01 | 5.50      | 1.02 |
|                                      | 35.0                | 3.90               | 1.24 | 4.40      | 1.26 | 4.70      | 1.27 | 5.00      | 1.29 | 5.30      | 1.30 | 5.50      | 1.31 |
| 12                                   | 40.0                | 3.10               | 1.01 | 3.50      | 1.03 | 3.70      | 1.04 | 3.90      | 1.05 | 4.20      | 1.06 | 4.30      | 1.06 |
|                                      | 46.0                | 3.10               | 0.78 | 3.50      | 0.79 | 3.70      | 0.80 | 3.90      | 0.81 | 4.20      | 0.82 | 4.30      | 0.82 |
|                                      | -10.0               | 3.37               | 0.38 | 3.81      | 0.39 | 4.02      | 0.39 | 4.30      | 0.40 | 4.60      | 0.40 | 4.74      | 0.40 |
|                                      | 0.0                 | 3.37               | 0.71 | 3.81      | 0.72 | 4.02      | 0.73 | 4.30      | 0.74 | 4.60      | 0.75 | 4.74      | 0.75 |
|                                      | 5.0                 | 3.37               | 0.61 | 3.81      | 0.62 | 4.02      | 0.62 | 4.30      | 0.63 | 4.60      | 0.64 | 4.74      | 0.64 |
|                                      | 10.0                | 3.37               | 0.33 | 3.81      | 0.34 | 4.02      | 0.34 | 4.30      | 0.35 | 4.60      | 0.35 | 4.74      | 0.35 |
|                                      | 15.0                | 3.37               | 0.44 | 3.81      | 0.45 | 4.02      | 0.45 | 4.30      | 0.46 | 4.60      | 0.46 | 4.74      | 0.47 |
|                                      | 20.0                | 3.37               | 0.58 | 3.81      | 0.59 | 4.02      | 0.60 | 4.30      | 0.60 | 4.60      | 0.61 | 4.74      | 0.61 |
|                                      | 25.0                | 3.37               | 0.72 | 3.81      | 0.73 | 4.02      | 0.74 | 4.30      | 0.75 | 4.60      | 0.76 | 4.74      | 0.76 |
|                                      | 30.0                | 3.37               | 0.84 | 3.81      | 0.86 | 4.02      | 0.86 | 4.30      | 0.87 | 4.60      | 0.88 | 4.74      | 0.89 |
| 10                                   | 35.0                | 3.37               | 1.08 | 3.81      | 1.10 | 4.02      | 1.11 | 4.30      | 1.12 | 4.60      | 1.13 | 4.74      | 1.14 |
|                                      | 40.0                | 2.65               | 0.88 | 3.00      | 0.89 | 3.16      | 0.90 | 3.38      | 0.91 | 3.62      | 0.92 | 3.73      | 0.93 |
|                                      | 46.0                | 2.65               | 0.68 | 3.00      | 0.69 | 3.16      | 0.70 | 3.38      | 0.70 | 3.62      | 0.71 | 3.73      | 0.72 |
|                                      | -10.0               | 2.82               | 0.32 | 3.19      | 0.33 | 3.36      | 0.33 | 3.60      | 0.33 | 3.85      | 0.34 | 3.97      | 0.34 |
|                                      | 0.0                 | 2.82               | 0.60 | 3.19      | 0.61 | 3.36      | 0.61 | 3.60      | 0.62 | 3.85      | 0.63 | 3.97      | 0.63 |
|                                      | 5.0                 | 2.82               | 0.51 | 3.19      | 0.52 | 3.36      | 0.52 | 3.60      | 0.53 | 3.85      | 0.53 | 3.97      | 0.54 |
|                                      | 10.0                | 2.82               | 0.28 | 3.19      | 0.29 | 3.36      | 0.29 | 3.60      | 0.29 | 3.85      | 0.29 | 3.97      | 0.30 |
|                                      | 15.0                | 2.82               | 0.37 | 3.19      | 0.38 | 3.36      | 0.38 | 3.60      | 0.38 | 3.85      | 0.39 | 3.97      | 0.39 |
|                                      | 20.0                | 2.82               | 0.49 | 3.19      | 0.50 | 3.36      | 0.50 | 3.60      | 0.51 | 3.85      | 0.51 | 3.97      | 0.52 |
|                                      | 25.0                | 2.82               | 0.61 | 3.19      | 0.62 | 3.36      | 0.62 | 3.60      | 0.63 | 3.85      | 0.64 | 3.97      | 0.64 |
| 10                                   | 30.0                | 2.82               | 0.71 | 3.19      | 0.72 | 3.36      | 0.72 | 3.60      | 0.73 | 3.85      | 0.74 | 3.97      | 0.74 |
|                                      | 35.0                | 2.82               | 0.91 | 3.19      | 0.92 | 3.36      | 0.93 | 3.60      | 0.94 | 3.85      | 0.95 | 3.97      | 0.96 |
|                                      | 40.0                | 2.22               | 0.74 | 2.51      | 0.75 | 2.65      | 0.76 | 2.83      | 0.77 | 3.03      | 0.77 | 3.12      | 0.78 |
|                                      | 46.0                | 2.22               | 0.57 | 2.51      | 0.58 | 2.65      | 0.58 | 2.83      | 0.59 | 3.03      | 0.60 | 3.12      | 0.60 |

**NOTES:**

- TC: Total Capacity (kW), IP: Input Power (kW)
- Values mentioned in the table are based on the following conditions:
  - Power source of specifications: 230 V
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- 2 or more indoor units should be connected.
- The total ability of connected indoor unit is from 10,000 Btu/h up to 26,000 Btu/h.
- Input in the table are calculated based on the maximum indoor unit input combinations.

## ● Compact cassette type

### Model: AUXG07KVLA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 0.0                 | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 5.0                 | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 10.0                | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 15.0                | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 20.0                | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 25.0                | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 30.0                | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 35.0                | 1.96                             | 1.32 | 2.22        | 1.51 | 2.34        | 1.74 | 2.50        | 1.95 | 2.67        | 2.13 | 2.76        | 2.44 |
| 40.0                | 1.85                             | 1.18 | 2.10        | 1.35 | 2.21        | 1.55 | 2.37        | 1.75 | 2.53        | 1.91 | 2.61        | 2.19 |
| 46.0                | 1.75                             | 1.05 | 1.98        | 1.20 | 2.08        | 1.38 | 2.23        | 1.55 | 2.38        | 1.70 | 2.46        | 1.95 |

### Model: AUXG09KVLA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 0.0                 | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 5.0                 | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 10.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 15.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 20.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 25.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 30.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 35.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 40.0                | 2.37                             | 1.50 | 2.68        | 1.71 | 2.83        | 1.96 | 3.03        | 2.21 | 3.24        | 2.41 | 3.34        | 2.76 |
| 46.0                | 2.24                             | 1.33 | 2.53        | 1.52 | 2.67        | 1.75 | 2.86        | 1.96 | 3.05        | 2.15 | 3.15        | 2.46 |

### Model: AUXG12KVLA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 0.0                 | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 5.0                 | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 10.0                | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 15.0                | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 20.0                | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 25.0                | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 30.0                | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 35.0                | 2.87                             | 1.89 | 3.24        | 2.15 | 3.42        | 2.48 | 3.66        | 2.78 | 3.91        | 3.04 | 4.03        | 3.49 |
| 40.0                | 2.72                             | 1.69 | 3.07        | 1.93 | 3.23        | 2.22 | 3.46        | 2.49 | 3.70        | 2.72 | 3.82        | 3.12 |
| 46.0                | 2.56                             | 1.50 | 2.89        | 1.71 | 3.05        | 1.97 | 3.27        | 2.22 | 3.49        | 2.42 | 3.60        | 2.78 |

### Model: AUXG14KVLA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 0.0                 | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 5.0                 | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 10.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 15.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 20.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 25.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 30.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 35.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 40.0                | 2.87                             | 1.69 | 3.24        | 1.93 | 3.42        | 2.22 | 3.66        | 2.49 | 3.91        | 2.73 | 4.04        | 3.13 |
| 46.0                | 2.71                             | 1.50 | 3.06        | 1.72 | 3.23        | 1.97 | 3.45        | 2.22 | 3.69        | 2.43 | 3.81        | 2.78 |

#### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

# ● Mini duct type

## Model: ARXG07KSLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 0.0                 | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 5.0                 | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 10.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 15.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 20.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 25.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 30.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 35.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 40.0                | 1.54                             | 0.84 | 1.74        | 0.96 | 1.84        | 1.10 | 1.97        | 1.24 | 2.10        | 1.35 | 2.17        | 1.55 |
| 46.0                | 1.12                             | 0.45 | 1.27        | 0.51 | 1.34        | 0.59 | 1.43        | 0.66 | 1.53        | 0.72 | 1.58        | 0.83 |

## Model: ARXG09KSLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 0.0                 | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 5.0                 | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 10.0                | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 15.0                | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 20.0                | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 25.0                | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 30.0                | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 35.0                | 2.51                             | 1.61 | 2.84        | 1.83 | 2.99        | 2.11 | 3.20        | 2.37 | 3.42        | 2.59 | 3.53        | 2.97 |
| 40.0                | 1.97                             | 0.99 | 2.23        | 1.13 | 2.35        | 1.31 | 2.52        | 1.47 | 2.69        | 1.60 | 2.78        | 1.84 |
| 46.0                | 1.44                             | 0.53 | 1.63        | 0.60 | 1.72        | 0.69 | 1.84        | 0.78 | 1.96        | 0.85 | 2.02        | 0.98 |

## Model: ARXG12KSLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 0.0                 | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 5.0                 | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 10.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 15.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 20.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 25.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 30.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 35.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 40.0                | 2.26                             | 1.14 | 2.55        | 1.30 | 2.69        | 1.49 | 2.88        | 1.68 | 3.08        | 1.83 | 3.17        | 2.10 |
| 46.0                | 1.65                             | 0.60 | 1.86        | 0.69 | 1.96        | 0.79 | 2.10        | 0.89 | 2.25        | 0.98 | 2.31        | 1.12 |

## Model: ARXG14KSLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 0.0                 | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 5.0                 | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 10.0                | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 15.0                | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 20.0                | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 25.0                | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 30.0                | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 35.0                | 3.03                             | 1.86 | 3.43        | 2.12 | 3.61        | 2.45 | 3.87        | 2.75 | 4.14        | 3.01 | 4.26        | 3.44 |
| 40.0                | 2.39                             | 1.15 | 2.70        | 1.32 | 2.84        | 1.51 | 3.05        | 1.70 | 3.26        | 1.86 | 3.36        | 2.13 |
| 46.0                | 1.74                             | 0.61 | 1.97        | 0.70 | 2.07        | 0.81 | 2.22        | 0.91 | 2.37        | 0.99 | 2.45        | 1.13 |

### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]

## ● Slim duct type

### Model: ARXG07KLLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 0.0                 | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 5.0                 | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 10.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 15.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 20.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 25.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 30.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 35.0                | 1.96                             | 1.36 | 2.22        | 1.55 | 2.34        | 1.78 | 2.50        | 2.00 | 2.67        | 2.19 | 2.76        | 2.51 |
| 40.0                | 1.54                             | 0.84 | 1.74        | 0.96 | 1.84        | 1.10 | 1.97        | 1.24 | 2.10        | 1.35 | 2.17        | 1.55 |
| 46.0                | 1.12                             | 0.45 | 1.27        | 0.51 | 1.34        | 0.59 | 1.43        | 0.66 | 1.53        | 0.72 | 1.58        | 0.83 |

### Model: ARXG09KLLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 0.0                 | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 5.0                 | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 10.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 15.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 20.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 25.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 30.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 35.0                | 2.51                             | 1.67 | 2.84        | 1.90 | 2.99        | 2.19 | 3.20        | 2.46 | 3.42        | 2.69 | 3.53        | 3.09 |
| 40.0                | 1.97                             | 1.03 | 2.23        | 1.18 | 2.35        | 1.36 | 2.52        | 1.53 | 2.69        | 1.67 | 2.78        | 1.91 |
| 46.0                | 1.44                             | 0.55 | 1.63        | 0.63 | 1.72        | 0.72 | 1.84        | 0.81 | 1.96        | 0.89 | 2.02        | 1.02 |

### Model: ARXG12KLLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 0.0                 | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 5.0                 | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 10.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 15.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 20.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 25.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 30.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 35.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 40.0                | 2.26                             | 1.20 | 2.55        | 1.37 | 2.69        | 1.57 | 2.88        | 1.77 | 3.08        | 1.93 | 3.17        | 2.22 |
| 46.0                | 1.65                             | 0.64 | 1.86        | 0.73 | 1.96        | 0.84 | 2.10        | 0.94 | 2.25        | 1.03 | 2.31        | 1.18 |

### Model: ARXG14KLLAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 0.0                 | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 5.0                 | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 10.0                | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 15.0                | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 20.0                | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 25.0                | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 30.0                | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 35.0                | 3.03                             | 1.94 | 3.43        | 2.21 | 3.61        | 2.55 | 3.87        | 2.86 | 4.14        | 3.13 | 4.26        | 3.59 |
| 40.0                | 2.39                             | 1.20 | 2.70        | 1.37 | 2.84        | 1.58 | 3.05        | 1.77 | 3.26        | 1.94 | 3.36        | 2.22 |
| 46.0                | 1.74                             | 0.64 | 1.97        | 0.73 | 2.07        | 0.84 | 2.22        | 0.94 | 2.37        | 1.03 | 2.45        | 1.18 |

#### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Medium static pressure duct type

### Model: ARXH12KMTAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 0.0                 | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 5.0                 | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 10.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 15.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 20.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 25.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 30.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 35.0                | 2.87                             | 1.94 | 3.24        | 2.21 | 3.42        | 2.54 | 3.66        | 2.85 | 3.91        | 3.12 | 4.03        | 3.58 |
| 40.0                | 2.26                             | 1.20 | 2.55        | 1.37 | 2.69        | 1.57 | 2.88        | 1.77 | 3.08        | 1.93 | 3.17        | 2.22 |
| 46.0                | 1.65                             | 0.64 | 1.86        | 0.73 | 1.96        | 0.84 | 2.10        | 0.94 | 2.25        | 1.03 | 2.31        | 1.18 |

### Model: ARXH14KMTAP

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 0.0                 | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 5.0                 | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 10.0                | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 15.0                | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 20.0                | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 25.0                | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 30.0                | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 35.0                | 3.03                             | 2.03 | 3.43        | 2.31 | 3.61        | 2.67 | 3.87        | 2.99 | 4.14        | 3.28 | 4.26        | 3.76 |
| 40.0                | 2.39                             | 1.26 | 2.70        | 1.43 | 2.84        | 1.65 | 3.05        | 1.85 | 3.26        | 2.03 | 3.36        | 2.32 |
| 46.0                | 1.74                             | 0.67 | 1.97        | 0.76 | 2.07        | 0.88 | 2.22        | 0.98 | 2.37        | 1.08 | 2.45        | 1.24 |

#### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW).
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

# ● Wall mounted type

## Model: ASEH07KMCG, ASEH07KMCG-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 0.0                 | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 5.0                 | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 10.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 15.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 20.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 25.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 30.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 35.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 40.0                | 1.54                             | 0.68 | 1.74        | 0.78 | 1.84        | 0.90 | 1.97        | 1.01 | 2.10        | 1.10 | 2.17        | 1.26 |
| 46.0                | 1.12                             | 0.36 | 1.27        | 0.41 | 1.34        | 0.48 | 1.43        | 0.54 | 1.53        | 0.59 | 1.58        | 0.67 |

## Model: ASEH09KMCG, ASEH09KMCG-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 0.0                 | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 5.0                 | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 10.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 15.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 20.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 25.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 30.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 35.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 40.0                | 1.97                             | 0.87 | 2.23        | 1.00 | 2.35        | 1.15 | 2.52        | 1.29 | 2.69        | 1.41 | 2.78        | 1.61 |
| 46.0                | 1.44                             | 0.46 | 1.63        | 0.53 | 1.72        | 0.61 | 1.84        | 0.69 | 1.96        | 0.75 | 2.02        | 0.86 |

## Model: ASEH12KMCG, ASEH12KMCG-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 0.0                 | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 5.0                 | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 10.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 15.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 20.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 25.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 30.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 35.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 40.0                | 2.26                             | 1.00 | 2.55        | 1.14 | 2.69        | 1.31 | 2.88        | 1.47 | 3.08        | 1.61 | 3.17        | 1.85 |
| 46.0                | 1.65                             | 0.53 | 1.86        | 0.61 | 1.96        | 0.70 | 2.10        | 0.78 | 2.25        | 0.86 | 2.31        | 0.98 |

## Model: ASEH14KMCG, ASEH14KMCG-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 0.0                 | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 5.0                 | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 10.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 15.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 20.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 25.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 30.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 35.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 40.0                | 2.39                             | 1.06 | 2.70        | 1.20 | 2.84        | 1.39 | 3.05        | 1.56 | 3.26        | 1.70 | 3.36        | 1.95 |
| 46.0                | 1.74                             | 0.56 | 1.97        | 0.64 | 2.07        | 0.74 | 2.22        | 0.83 | 2.37        | 0.91 | 2.45        | 1.04 |



## Models: ASEG07KETF and ASEG07KETF-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 0.0                 | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 5.0                 | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 10.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 15.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 20.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 25.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 30.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 35.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 40.0                | 1.54                             | 0.68 | 1.74        | 0.78 | 1.84        | 0.90 | 1.97        | 1.01 | 2.10        | 1.10 | 2.17        | 1.26 |
| 46.0                | 1.12                             | 0.36 | 1.27        | 0.41 | 1.34        | 0.48 | 1.43        | 0.54 | 1.53        | 0.59 | 1.58        | 0.67 |

## Models: ASEG09KETF and ASEG09KETF-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 0.0                 | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 5.0                 | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 10.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 15.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 20.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 25.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 30.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 35.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 40.0                | 1.97                             | 0.87 | 2.23        | 1.00 | 2.35        | 1.15 | 2.52        | 1.29 | 2.69        | 1.41 | 2.78        | 1.61 |
| 46.0                | 1.44                             | 0.46 | 1.63        | 0.53 | 1.72        | 0.61 | 1.84        | 0.69 | 1.96        | 0.75 | 2.02        | 0.86 |

## Models: ASEG12KETF and ASEG12KETF-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 0.0                 | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 5.0                 | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 10.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 15.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 20.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 25.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 30.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 35.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 40.0                | 2.26                             | 1.00 | 2.55        | 1.14 | 2.69        | 1.31 | 2.88        | 1.47 | 3.08        | 1.61 | 3.17        | 1.85 |
| 46.0                | 1.65                             | 0.53 | 1.86        | 0.61 | 1.96        | 0.70 | 2.10        | 0.78 | 2.25        | 0.86 | 2.31        | 0.98 |

## Models: ASEG14KETF and ASEG14KETF-B

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 0.0                 | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 5.0                 | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 10.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 15.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 20.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 25.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 30.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 35.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 40.0                | 2.39                             | 1.06 | 2.70        | 1.20 | 2.84        | 1.39 | 3.05        | 1.56 | 3.26        | 1.70 | 3.36        | 1.95 |
| 46.0                | 1.74                             | 0.56 | 1.97        | 0.64 | 2.07        | 0.74 | 2.22        | 0.83 | 2.37        | 0.91 | 2.45        | 1.04 |

## Model: ASEH07KGTG

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 0.0                 | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 5.0                 | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 10.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 15.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 20.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 25.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 30.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 35.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 40.0                | 1.54                             | 0.68 | 1.74        | 0.78 | 1.84        | 0.90 | 1.97        | 1.01 | 2.10        | 1.10 | 2.17        | 1.26 |
| 46.0                | 1.12                             | 0.36 | 1.27        | 0.41 | 1.34        | 0.48 | 1.43        | 0.54 | 1.53        | 0.59 | 1.58        | 0.67 |

## Model: ASEH09KGTG

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 0.0                 | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 5.0                 | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 10.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 15.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 20.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 25.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 30.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 35.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 40.0                | 1.97                             | 0.87 | 2.23        | 1.00 | 2.35        | 1.15 | 2.52        | 1.29 | 2.69        | 1.41 | 2.78        | 1.61 |
| 46.0                | 1.44                             | 0.46 | 1.63        | 0.53 | 1.72        | 0.61 | 1.84        | 0.69 | 1.96        | 0.75 | 2.02        | 0.86 |

## Model: ASEH12KGTG

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 0.0                 | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 5.0                 | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 10.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 15.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 20.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 25.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 30.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 35.0                | 2.87                             | 1.61 | 3.24        | 1.84 | 3.42        | 2.12 | 3.66        | 2.38 | 3.91        | 2.60 | 4.03        | 2.98 |
| 40.0                | 2.26                             | 1.00 | 2.55        | 1.14 | 2.69        | 1.31 | 2.88        | 1.47 | 3.08        | 1.61 | 3.17        | 1.85 |
| 46.0                | 1.65                             | 0.53 | 1.86        | 0.61 | 1.96        | 0.70 | 2.10        | 0.78 | 2.25        | 0.86 | 2.31        | 0.98 |

## Model: ASEH14KGTG

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 0.0                 | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 5.0                 | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 10.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 15.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 20.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 25.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 30.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 35.0                | 3.03                             | 1.71 | 3.43        | 1.94 | 3.61        | 2.24 | 3.87        | 2.52 | 4.14        | 2.75 | 4.26        | 3.15 |
| 40.0                | 2.39                             | 1.06 | 2.70        | 1.20 | 2.84        | 1.39 | 3.05        | 1.56 | 3.26        | 1.70 | 3.36        | 1.95 |
| 46.0                | 1.74                             | 0.56 | 1.97        | 0.64 | 2.07        | 0.74 | 2.22        | 0.83 | 2.37        | 0.91 | 2.45        | 1.04 |

## Model: ASEH05KNCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| -5.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 0.0                 | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 5.0                 | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 10.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 15.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 20.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 25.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 30.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 35.0                | 1.41                             | 0.79 | 1.59        | 0.90 | 1.68        | 1.04 | 1.80        | 1.17 | 1.92        | 1.28 | 1.98        | 1.47 |
| 40.0                | 1.11                             | 0.49 | 1.26        | 0.56 | 1.32        | 0.64 | 1.42        | 0.72 | 1.51        | 0.79 | 1.56        | 0.91 |
| 46.0                | 0.81                             | 0.26 | 0.92        | 0.30 | 0.96        | 0.34 | 1.03        | 0.39 | 1.10        | 0.42 | 1.14        | 0.48 |

## Model: ASEH07KNCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| -5.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 0.0                 | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 5.0                 | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 10.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 15.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 20.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 25.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 30.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 35.0                | 1.96                             | 1.10 | 2.22        | 1.26 | 2.34        | 1.45 | 2.50        | 1.63 | 2.67        | 1.78 | 2.76        | 2.04 |
| 40.0                | 1.54                             | 0.68 | 1.74        | 0.78 | 1.84        | 0.90 | 1.97        | 1.01 | 2.10        | 1.10 | 2.17        | 1.26 |
| 46.0                | 1.12                             | 0.36 | 1.27        | 0.41 | 1.34        | 0.48 | 1.43        | 0.54 | 1.53        | 0.59 | 1.58        | 0.67 |

## Model: ASEH09KNCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| -5.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 0.0                 | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 5.0                 | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 10.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 15.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 20.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 25.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 30.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 35.0                | 2.51                             | 1.41 | 2.84        | 1.61 | 2.99        | 1.85 | 3.20        | 2.08 | 3.42        | 2.27 | 3.53        | 2.61 |
| 40.0                | 1.97                             | 0.87 | 2.23        | 1.00 | 2.35        | 1.15 | 2.52        | 1.29 | 2.69        | 1.41 | 2.78        | 1.61 |
| 46.0                | 1.44                             | 0.46 | 1.63        | 0.53 | 1.72        | 0.61 | 1.84        | 0.69 | 1.96        | 0.75 | 2.02        | 0.86 |

## Model: ASEH12KNCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| -5.0                | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 0.0                 | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 5.0                 | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 10.0                | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 15.0                | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 20.0                | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 25.0                | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 30.0                | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 35.0                | 2.82                             | 1.59 | 3.19        | 1.81 | 3.36        | 2.08 | 3.60        | 2.34 | 3.85        | 2.56 | 3.97        | 2.93 |
| 40.0                | 2.22                             | 0.98 | 2.51        | 1.12 | 2.65        | 1.29 | 2.83        | 1.45 | 3.03        | 1.59 | 3.12        | 1.82 |
| 46.0                | 1.62                             | 0.52 | 1.83        | 0.60 | 1.93        | 0.69 | 2.07        | 0.77 | 2.21        | 0.84 | 2.28        | 0.97 |

## NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Floor type

### Model: AGE09KVCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| -5.0                | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 0.0                 | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 5.0                 | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 10.0                | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 15.0                | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 20.0                | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 25.0                | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 30.0                | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 35.0                | 2.51                             | 1.71 | 2.84        | 1.95 | 2.99        | 2.25 | 3.20        | 2.53 | 3.42        | 2.76 | 3.53        | 3.17 |
| 40.0                | 2.37                             | 1.53 | 2.68        | 1.75 | 2.83        | 2.01 | 3.03        | 2.26 | 3.24        | 2.48 | 3.34        | 2.84 |
| 46.0                | 2.24                             | 1.37 | 2.53        | 1.56 | 2.67        | 1.79 | 2.86        | 2.01 | 3.05        | 2.20 | 3.15        | 2.52 |

### Model: AGE12KVCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| -5.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 0.0                 | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 5.0                 | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 10.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 15.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 20.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 25.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 30.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 35.0                | 2.87                             | 1.84 | 3.24        | 2.09 | 3.42        | 2.41 | 3.66        | 2.71 | 3.91        | 2.96 | 4.03        | 3.39 |
| 40.0                | 2.72                             | 1.64 | 3.07        | 1.87 | 3.23        | 2.16 | 3.46        | 2.42 | 3.70        | 2.65 | 3.82        | 3.04 |
| 46.0                | 2.56                             | 1.46 | 2.89        | 1.67 | 3.05        | 1.92 | 3.27        | 2.16 | 3.49        | 2.36 | 3.60        | 2.70 |

### Model: AGE14KVCA

| Outdoor temperature | Indoor temperature (°CDB / °CWB) |      |             |      |             |      |             |      |             |      |             |      |
|---------------------|----------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|                     | 18.0 / 12.0                      |      | 21.0 / 15.0 |      | 23.0 / 16.0 |      | 27.0 / 19.0 |      | 29.0 / 21.0 |      | 32.0 / 23.0 |      |
| (°CDB)              | TC                               | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  | TC          | SHC  |
| -10.0               | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| -5.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 0.0                 | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 5.0                 | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 10.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 15.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 20.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 25.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 30.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 35.0                | 3.03                             | 1.89 | 3.43        | 2.15 | 3.61        | 2.48 | 3.87        | 2.79 | 4.14        | 3.05 | 4.26        | 3.49 |
| 40.0                | 2.87                             | 1.69 | 3.24        | 1.93 | 3.42        | 2.22 | 3.66        | 2.49 | 3.91        | 2.73 | 4.04        | 3.13 |
| 46.0                | 2.71                             | 1.50 | 3.06        | 1.72 | 3.23        | 1.97 | 3.45        | 2.22 | 3.69        | 2.43 | 3.81        | 2.78 |

#### NOTES:

- TC: Total Capacity (kW), SHC: Sensible Heat Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## 6-3. Heating capacity

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

### Model: AOEG14KBCA2

| Indoor unit connecting capacity | Outdoor temperature |       | Indoor temperature |      |           |      |           |      |           |      |           |      |
|---------------------------------|---------------------|-------|--------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                                 |                     |       | 16.0 °CDB          |      | 18.0 °CDB |      | 20.0 °CDB |      | 22.0 °CDB |      | 24.0 °CDB |      |
| kBtu/h                          | °CDB                | °CWB  | TC                 | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   |
| 21                              | -15.0               | -16.0 | 3.30               | 1.34 | 3.30      | 1.37 | 3.20      | 1.40 | 3.10      | 1.43 | 3.00      | 1.46 |
|                                 | -10.0               | -11.0 | 3.80               | 1.39 | 3.70      | 1.42 | 3.60      | 1.45 | 3.50      | 1.48 | 3.40      | 1.51 |
|                                 | -5.0                | -7.0  | 4.20               | 1.44 | 4.10      | 1.47 | 4.00      | 1.50 | 3.90      | 1.53 | 3.80      | 1.56 |
|                                 | 0.0                 | -2.0  | 5.30               | 1.46 | 5.20      | 1.49 | 5.10      | 1.52 | 4.90      | 1.55 | 4.80      | 1.58 |
|                                 | 5.0                 | 3.0   | 5.70               | 1.47 | 5.60      | 1.50 | 5.50      | 1.53 | 5.30      | 1.56 | 5.20      | 1.59 |
|                                 | 7.0                 | 6.0   | 5.80               | 1.63 | 5.60      | 1.67 | 5.50      | 1.70 | 5.40      | 1.73 | 5.20      | 1.77 |
|                                 | 10.0                | 8.0   | 5.80               | 1.32 | 5.60      | 1.34 | 5.50      | 1.37 | 5.40      | 1.40 | 5.20      | 1.43 |
|                                 | 15.0                | 10.0  | 5.80               | 1.20 | 5.60      | 1.23 | 5.50      | 1.25 | 5.40      | 1.28 | 5.20      | 1.30 |
|                                 | 20.0                | 15.0  | 5.80               | 0.94 | 5.60      | 0.96 | 5.50      | 0.98 | 5.40      | 1.00 | 5.20      | 1.02 |
| 19                              | 24.0                | 18.0  | 5.80               | 0.84 | 5.60      | 0.86 | 5.50      | 0.88 | 5.40      | 0.89 | 5.20      | 0.91 |
|                                 | -15.0               | -16.0 | 3.30               | 1.34 | 3.30      | 1.37 | 3.20      | 1.40 | 3.10      | 1.43 | 3.00      | 1.46 |
|                                 | -10.0               | -11.0 | 3.80               | 1.39 | 3.70      | 1.42 | 3.60      | 1.45 | 3.50      | 1.48 | 3.40      | 1.51 |
|                                 | -5.0                | -7.0  | 4.20               | 1.44 | 4.10      | 1.47 | 4.00      | 1.50 | 3.90      | 1.53 | 3.80      | 1.56 |
|                                 | 0.0                 | -2.0  | 5.30               | 1.46 | 5.20      | 1.49 | 5.10      | 1.52 | 4.90      | 1.55 | 4.80      | 1.58 |
|                                 | 5.0                 | 3.0   | 5.70               | 1.47 | 5.60      | 1.50 | 5.50      | 1.53 | 5.30      | 1.56 | 5.20      | 1.59 |
|                                 | 7.0                 | 6.0   | 5.80               | 1.63 | 5.60      | 1.67 | 5.50      | 1.70 | 5.40      | 1.73 | 5.20      | 1.77 |
|                                 | 10.0                | 8.0   | 5.80               | 1.32 | 5.60      | 1.34 | 5.50      | 1.37 | 5.40      | 1.40 | 5.20      | 1.43 |
|                                 | 15.0                | 10.0  | 5.80               | 1.20 | 5.60      | 1.23 | 5.50      | 1.25 | 5.40      | 1.28 | 5.20      | 1.30 |
| 18                              | 20.0                | 15.0  | 5.80               | 0.94 | 5.60      | 0.96 | 5.50      | 0.98 | 5.40      | 1.00 | 5.20      | 1.02 |
|                                 | 24.0                | 18.0  | 5.80               | 0.84 | 5.60      | 0.86 | 5.50      | 0.88 | 5.40      | 0.89 | 5.20      | 0.91 |
|                                 | -15.0               | -16.0 | 3.30               | 1.34 | 3.30      | 1.37 | 3.20      | 1.40 | 3.10      | 1.43 | 3.00      | 1.46 |
|                                 | -10.0               | -11.0 | 3.80               | 1.39 | 3.70      | 1.42 | 3.60      | 1.45 | 3.50      | 1.48 | 3.40      | 1.51 |
|                                 | -5.0                | -7.0  | 4.20               | 1.44 | 4.10      | 1.47 | 4.00      | 1.50 | 3.90      | 1.53 | 3.80      | 1.56 |
|                                 | 0.0                 | -2.0  | 5.30               | 1.46 | 5.20      | 1.49 | 5.10      | 1.52 | 4.90      | 1.55 | 4.80      | 1.58 |
|                                 | 5.0                 | 3.0   | 5.70               | 1.47 | 5.60      | 1.50 | 5.50      | 1.53 | 5.30      | 1.56 | 5.20      | 1.59 |
|                                 | 7.0                 | 6.0   | 5.80               | 1.63 | 5.60      | 1.67 | 5.50      | 1.70 | 5.40      | 1.73 | 5.20      | 1.77 |
|                                 | 10.0                | 8.0   | 5.80               | 1.32 | 5.60      | 1.34 | 5.50      | 1.37 | 5.40      | 1.40 | 5.20      | 1.43 |
| 17                              | 15.0                | 10.0  | 5.80               | 1.20 | 5.60      | 1.23 | 5.50      | 1.25 | 5.40      | 1.28 | 5.20      | 1.30 |
|                                 | 20.0                | 15.0  | 5.80               | 0.94 | 5.60      | 0.96 | 5.50      | 0.98 | 5.40      | 1.00 | 5.20      | 1.02 |
|                                 | 24.0                | 18.0  | 5.80               | 0.84 | 5.60      | 0.86 | 5.50      | 0.88 | 5.40      | 0.89 | 5.20      | 0.91 |
|                                 | -15.0               | -16.0 | 3.34               | 1.34 | 3.26      | 1.37 | 3.18      | 1.40 | 3.10      | 1.43 | 3.02      | 1.46 |
|                                 | -10.0               | -11.0 | 3.77               | 1.39 | 3.68      | 1.42 | 3.59      | 1.45 | 3.50      | 1.48 | 3.41      | 1.51 |
|                                 | -5.0                | -7.0  | 4.19               | 1.44 | 4.09      | 1.47 | 4.00      | 1.50 | 3.90      | 1.53 | 3.80      | 1.56 |
|                                 | 0.0                 | -2.0  | 5.32               | 1.46 | 5.20      | 1.49 | 5.07      | 1.52 | 4.94      | 1.55 | 4.82      | 1.58 |
|                                 | 5.0                 | 3.0   | 5.74               | 1.47 | 5.60      | 1.50 | 5.47      | 1.53 | 5.33      | 1.56 | 5.19      | 1.59 |
|                                 | 7.0                 | 6.0   | 5.78               | 1.63 | 5.64      | 1.67 | 5.50      | 1.70 | 5.36      | 1.73 | 5.23      | 1.77 |
| 16                              | 10.0                | 8.0   | 5.78               | 1.32 | 5.64      | 1.34 | 5.50      | 1.37 | 5.36      | 1.40 | 5.23      | 1.43 |
|                                 | 15.0                | 10.0  | 5.78               | 1.20 | 5.64      | 1.23 | 5.50      | 1.25 | 5.36      | 1.28 | 5.23      | 1.30 |
|                                 | 20.0                | 15.0  | 5.78               | 0.94 | 5.64      | 0.96 | 5.50      | 0.98 | 5.36      | 1.00 | 5.23      | 1.02 |
|                                 | 24.0                | 18.0  | 5.78               | 0.84 | 5.64      | 0.86 | 5.50      | 0.88 | 5.36      | 0.89 | 5.23      | 0.91 |
|                                 | -15.0               | -16.0 | 3.30               | 1.34 | 3.30      | 1.37 | 3.20      | 1.40 | 3.10      | 1.43 | 3.00      | 1.46 |
|                                 | -10.0               | -11.0 | 3.80               | 1.39 | 3.70      | 1.42 | 3.60      | 1.45 | 3.50      | 1.48 | 3.40      | 1.51 |
|                                 | -5.0                | -7.0  | 4.20               | 1.44 | 4.10      | 1.47 | 4.00      | 1.50 | 3.90      | 1.53 | 3.80      | 1.56 |
|                                 | 0.0                 | -2.0  | 5.30               | 1.46 | 5.20      | 1.49 | 5.10      | 1.52 | 4.90      | 1.55 | 4.80      | 1.58 |
|                                 | 5.0                 | 3.0   | 5.70               | 1.47 | 5.60      | 1.50 | 5.50      | 1.53 | 5.30      | 1.56 | 5.20      | 1.59 |
| 14                              | 7.0                 | 6.0   | 5.80               | 1.63 | 5.60      | 1.67 | 5.50      | 1.70 | 5.40      | 1.73 | 5.20      | 1.77 |
|                                 | 10.0                | 8.0   | 5.80               | 1.32 | 5.60      | 1.34 | 5.50      | 1.37 | 5.40      | 1.40 | 5.20      | 1.43 |
|                                 | 15.0                | 10.0  | 5.80               | 1.20 | 5.60      | 1.23 | 5.50      | 1.25 | 5.40      | 1.28 | 5.20      | 1.30 |
|                                 | 20.0                | 15.0  | 5.80               | 0.94 | 5.60      | 0.96 | 5.50      | 0.98 | 5.40      | 1.00 | 5.20      | 1.02 |
|                                 | 24.0                | 18.0  | 5.80               | 0.84 | 5.60      | 0.86 | 5.50      | 0.88 | 5.40      | 0.89 | 5.20      | 0.91 |
|                                 | -15.0               | -16.0 | 3.30               | 1.34 | 3.30      | 1.36 | 3.20      | 1.39 | 3.10      | 1.42 | 3.00      | 1.45 |
|                                 | -10.0               | -11.0 | 3.80               | 1.39 | 3.70      | 1.42 | 3.60      | 1.45 | 3.50      | 1.47 | 3.40      | 1.50 |
|                                 | -5.0                | -7.0  | 4.20               | 1.44 | 4.10      | 1.47 | 4.00      | 1.50 | 3.90      | 1.53 | 3.80      | 1.56 |
|                                 | 0.0                 | -2.0  | 5.30               | 1.45 | 5.20      | 1.48 | 5.10      | 1.51 | 4.90      | 1.54 | 4.80      | 1.57 |
| 12                              | 5.0                 | 3.0   | 5.70               | 1.46 | 5.60      | 1.49 | 5.50      | 1.52 | 5.30      | 1.55 | 5.20      | 1.58 |
|                                 | 7.0                 | 6.0   | 5.80               | 1.63 | 5.60      | 1.67 | 5.50      | 1.70 | 5.40      | 1.73 | 5.20      | 1.77 |
|                                 | 10.0                | 8.0   | 5.80               | 1.32 | 5.60      | 1.34 | 5.50      | 1.37 | 5.40      | 1.40 | 5.20      | 1.43 |
|                                 | 15.0                | 10.0  | 5.80               | 1.20 | 5.60      | 1.23 | 5.50      | 1.25 | 5.40      | 1.28 | 5.20      | 1.30 |
|                                 | 20.0                | 15.0  | 5.80               | 0.94 | 5.60      | 0.96 | 5.50      | 0.98 | 5.40      | 1.00 | 5.20      | 1.02 |
|                                 | 24.0                | 18.0  | 5.80               | 0.84 | 5.60      | 0.86 | 5.50      | 0.88 | 5.40      | 0.89 | 5.20      | 0.91 |
|                                 | -15.0               | -16.0 | 3.34               | 1.18 | 3.26      | 1.20 | 3.18      | 1.23 | 3.10      | 1.25 | 3.02      | 1.28 |
|                                 | -10.0               | -11.0 | 3.77               | 1.22 | 3.68      | 1.25 | 3.59      | 1.28 | 3.50      | 1.30 | 3.41      | 1.33 |
|                                 | -5.0                | -7.0  | 4.19               | 1.27 | 4.09      | 1.30 | 4.00      | 1.32 | 3.90      | 1.35 | 3.80      | 1.38 |
| 10                              | 0.0                 | -2.0  | 5.32               | 1.28 | 5.20      | 1.31 | 5.07      | 1.33 | 4.94      | 1.36 | 4.82      | 1.39 |
|                                 | 5.0                 | 3.0   | 5.74               | 1.29 | 5.60      | 1.32 | 5.47      | 1.34 | 5.33      | 1.37 | 5.19      | 1.40 |
|                                 | 7.0                 | 6.0   | 5.15               | 1.44 | 5.02      | 1.47 | 4.90      | 1.50 | 4.78      | 1.53 | 4.66      | 1.56 |
|                                 | 10.0                | 8.0   | 5.78               | 1.16 | 5.64      | 1.19 | 5.50      | 1.21 | 5.36      | 1.23 | 5.23      | 1.26 |
|                                 | 15.0                | 10.0  | 5.78               | 1.06 | 5.64      | 1.08 | 5.50      | 1.10 | 5.36      | 1.13 | 5.23      | 1.15 |
|                                 | 20.0                | 15.0  | 5.78               | 0.83 | 5.64      | 0.85 | 5.50      | 0.86 | 5.36      | 0.88 | 5.23      | 0.90 |
|                                 | 24.0                | 18.0  | 5.78               | 0.74 | 5.64      | 0.76 | 5.50      | 0.77 | 5.36      | 0.79 | 5.23      | 0.80 |
|                                 | -15.0               | -16.0 | 3.34               | 0.98 | 3.26      | 1.00 | 3.18      | 1.02 | 3.10      | 1.04 | 3.02      | 1.07 |
|                                 | -10.0               | -11.0 | 3.77               | 1.02 | 3.68      | 1.04 | 3.59      | 1.06 | 3.50      | 1.08 | 3.41      | 1.11 |
|                                 | -5.0                | -7.0  | 4.19               | 1.06 | 4.09      | 1.08 | 4.00      | 1.10 | 3.90      | 1.12 | 3.80      | 1.15 |
|                                 | 0.0                 | -2.0  | 5.32               | 1.07 | 5.20      | 1.09 | 5.07      | 1.11 | 4.94      | 1.13 | 4.82      | 1.16 |
|                                 | 5.0                 | 3.0   | 5.74               | 1.08 | 5.60      | 1.10 | 5.47      | 1.12 | 5.33      | 1.14 | 5.19      | 1.16 |
|                                 | 7.0                 | 6.0   | 4.41               | 1.20 | 4.31      | 1.23 | 4.20      | 1.25 | 4.10      | 1.28 | 3.99      | 1.30 |
|                                 | 10.0                | 8.0   | 5.78               | 0.97 | 5.64      | 0.99 | 5.50      | 1.01 | 5.36      | 1.03 | 5.23      | 1.05 |
|                                 | 15.0                | 10.0  | 5.78               | 0.88 | 5.64      | 0.90 | 5.50      | 0.92 | 5.36      | 0.94 | 5.23      | 0.96 |
|                                 | 20.0                | 15.0  | 5.78               | 0.69 | 5.64      | 0.70 | 5.50      | 0.72 | 5.36      | 0.73 | 5.23      | 0.75 |
|                                 | 24.0                | 18.0  | 5.78               | 0.62 | 5.64      | 0.63 | 5.50      | 0.64 | 5.36      | 0.66 | 5.23      | 0.67 |

**NOTES:**

- TC: Total Capacity (kW), IP: Input Power (kW)
- Values mentioned in the table are based on the following conditions:
  - Power source of specifications: 230 V
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- 2 or more indoor units should be connected.
- The total ability of connected a indoor unit is from 10,000 Btu/h up to 21,000 Btu/h.
- Input in the table are calculated based on the maximum indoor unit input combinations.

## ● Compact cassette type

### Model: AUXG07KVLA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.67                      | 1.63 | 1.59 | 1.55 | 1.51 |
| -10.0               | -11.0  | 1.88                      | 1.84 | 1.79 | 1.75 | 1.70 |
| -5.0                | -7.0   | 2.10                      | 2.05 | 2.00 | 1.95 | 1.90 |
| 0.0                 | -2.0   | 2.66                      | 2.60 | 2.54 | 2.47 | 2.41 |
| 5.0                 | 3.0    | 2.87                      | 2.80 | 2.73 | 2.67 | 2.60 |
| 7.0                 | 6.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 10.0                | 8.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 15.0                | 10.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 20.0                | 15.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 24.0                | 18.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |

### Model: AUXG09KVLA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.87                      | 1.83 | 1.79 | 1.74 | 1.70 |
| -10.0               | -11.0  | 2.12                      | 2.07 | 2.02 | 1.96 | 1.91 |
| -5.0                | -7.0   | 2.36                      | 2.30 | 2.24 | 2.19 | 2.13 |
| 0.0                 | -2.0   | 2.99                      | 2.92 | 2.85 | 2.78 | 2.71 |
| 5.0                 | 3.0    | 3.23                      | 3.15 | 3.07 | 3.00 | 2.92 |
| 7.0                 | 6.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 10.0                | 8.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 15.0                | 10.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 20.0                | 15.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 24.0                | 18.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |

### Model: AUXG12KVLA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Mini duct type

### Model: ARXG07KSLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.67                      | 1.63 | 1.59 | 1.55 | 1.51 |
| -10.0               | -11.0  | 1.88                      | 1.84 | 1.79 | 1.75 | 1.70 |
| -5.0                | -7.0   | 2.10                      | 2.05 | 2.00 | 1.95 | 1.90 |
| 0.0                 | -2.0   | 2.66                      | 2.60 | 2.54 | 2.47 | 2.41 |
| 5.0                 | 3.0    | 2.87                      | 2.80 | 2.73 | 2.67 | 2.60 |
| 7.0                 | 6.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 10.0                | 8.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 15.0                | 10.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 20.0                | 15.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 24.0                | 18.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |

### Model: ARXG09KSLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.87                      | 1.83 | 1.79 | 1.74 | 1.70 |
| -10.0               | -11.0  | 2.12                      | 2.07 | 2.02 | 1.96 | 1.91 |
| -5.0                | -7.0   | 2.36                      | 2.30 | 2.24 | 2.19 | 2.13 |
| 0.0                 | -2.0   | 2.99                      | 2.92 | 2.85 | 2.78 | 2.71 |
| 5.0                 | 3.0    | 3.23                      | 3.15 | 3.07 | 3.00 | 2.92 |
| 7.0                 | 6.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 10.0                | 8.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 15.0                | 10.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 20.0                | 15.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 24.0                | 18.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |

### Model: ARXG12KSLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]



## ● Slim duct type

### Model: ARXG07KLLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.67                      | 1.63 | 1.59 | 1.55 | 1.51 |
| -10.0               | -11.0  | 1.88                      | 1.84 | 1.79 | 1.75 | 1.70 |
| -5.0                | -7.0   | 2.10                      | 2.05 | 2.00 | 1.95 | 1.90 |
| 0.0                 | -2.0   | 2.66                      | 2.60 | 2.54 | 2.47 | 2.41 |
| 5.0                 | 3.0    | 2.87                      | 2.80 | 2.73 | 2.67 | 2.60 |
| 7.0                 | 6.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 10.0                | 8.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 15.0                | 10.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 20.0                | 15.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 24.0                | 18.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |

### Model: ARXG09KLLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.87                      | 1.83 | 1.79 | 1.74 | 1.70 |
| -10.0               | -11.0  | 2.12                      | 2.07 | 2.02 | 1.96 | 1.91 |
| -5.0                | -7.0   | 2.36                      | 2.30 | 2.24 | 2.19 | 2.13 |
| 0.0                 | -2.0   | 2.99                      | 2.92 | 2.85 | 2.78 | 2.71 |
| 5.0                 | 3.0    | 3.23                      | 3.15 | 3.07 | 3.00 | 2.92 |
| 7.0                 | 6.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 10.0                | 8.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 15.0                | 10.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 20.0                | 15.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 24.0                | 18.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |

### Model: ARXG12KLLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Medium static pressure duct type

Model: ARXH12KMTAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

OUTDOOR UNIT

OUTDOOR UNIT

## ● Wall mounted type

### Model: ASEH07KMCG, ASEH07KMCG-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.67                      | 1.63 | 1.59 | 1.55 | 1.51 |
| -10.0               | -11.0  | 1.88                      | 1.84 | 1.79 | 1.75 | 1.70 |
| -5.0                | -7.0   | 2.10                      | 2.05 | 2.00 | 1.95 | 1.90 |
| 0.0                 | -2.0   | 2.66                      | 2.60 | 2.54 | 2.47 | 2.41 |
| 5.0                 | 3.0    | 2.87                      | 2.80 | 2.73 | 2.67 | 2.60 |
| 7.0                 | 6.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 10.0                | 8.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 15.0                | 10.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 20.0                | 15.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 24.0                | 18.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |

### Model: ASEH09KMCG, ASEH09KMCG-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.87                      | 1.83 | 1.79 | 1.74 | 1.70 |
| -10.0               | -11.0  | 2.12                      | 2.07 | 2.02 | 1.96 | 1.91 |
| -5.0                | -7.0   | 2.36                      | 2.30 | 2.24 | 2.19 | 2.13 |
| 0.0                 | -2.0   | 2.99                      | 2.92 | 2.85 | 2.78 | 2.71 |
| 5.0                 | 3.0    | 3.23                      | 3.15 | 3.07 | 3.00 | 2.92 |
| 7.0                 | 6.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 10.0                | 8.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 15.0                | 10.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 20.0                | 15.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 24.0                | 18.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |

### Model: ASEH12KMCG, ASEH12KMCG-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

## Models: ASEG07KETF and ASEG07KETF-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.67                      | 1.63 | 1.59 | 1.55 | 1.51 |
| -10.0               | -11.0  | 1.88                      | 1.84 | 1.79 | 1.75 | 1.70 |
| -5.0                | -7.0   | 2.10                      | 2.05 | 2.00 | 1.95 | 1.90 |
| 0.0                 | -2.0   | 2.66                      | 2.60 | 2.54 | 2.47 | 2.41 |
| 5.0                 | 3.0    | 2.87                      | 2.80 | 2.73 | 2.67 | 2.60 |
| 7.0                 | 6.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 10.0                | 8.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 15.0                | 10.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 20.0                | 15.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 24.0                | 18.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |

## Models: ASEG09KETF and ASEG09KETF-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.87                      | 1.83 | 1.79 | 1.74 | 1.70 |
| -10.0               | -11.0  | 2.12                      | 2.07 | 2.02 | 1.96 | 1.91 |
| -5.0                | -7.0   | 2.36                      | 2.30 | 2.24 | 2.19 | 2.13 |
| 0.0                 | -2.0   | 2.99                      | 2.92 | 2.85 | 2.78 | 2.71 |
| 5.0                 | 3.0    | 3.23                      | 3.15 | 3.07 | 3.00 | 2.92 |
| 7.0                 | 6.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 10.0                | 8.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 15.0                | 10.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 20.0                | 15.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 24.0                | 18.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |

## Models: ASEG12KETF and ASEG12KETF-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

## Model: ASEH07KGTG

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.67                      | 1.63 | 1.59 | 1.55 | 1.51 |
| -10.0               | -11.0  | 1.88                      | 1.84 | 1.79 | 1.75 | 1.70 |
| -5.0                | -7.0   | 2.10                      | 2.05 | 2.00 | 1.95 | 1.90 |
| 0.0                 | -2.0   | 2.66                      | 2.60 | 2.54 | 2.47 | 2.41 |
| 5.0                 | 3.0    | 2.87                      | 2.80 | 2.73 | 2.67 | 2.60 |
| 7.0                 | 6.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 10.0                | 8.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 15.0                | 10.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 20.0                | 15.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 24.0                | 18.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |

## Model: ASEH09KGTG

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.87                      | 1.83 | 1.79 | 1.74 | 1.70 |
| -10.0               | -11.0  | 2.12                      | 2.07 | 2.02 | 1.96 | 1.91 |
| -5.0                | -7.0   | 2.36                      | 2.30 | 2.24 | 2.19 | 2.13 |
| 0.0                 | -2.0   | 2.99                      | 2.92 | 2.85 | 2.78 | 2.71 |
| 5.0                 | 3.0    | 3.23                      | 3.15 | 3.07 | 3.00 | 2.92 |
| 7.0                 | 6.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 10.0                | 8.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 15.0                | 10.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 20.0                | 15.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 24.0                | 18.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |

## Model: ASEH12KGTG

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

**Model: ASEH05KNCA**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.27                      | 1.24 | 1.21 | 1.18 | 1.15 |
| -10.0               | -11.0  | 1.44                      | 1.40 | 1.37 | 1.34 | 1.30 |
| -5.0                | -7.0   | 1.60                      | 1.56 | 1.53 | 1.49 | 1.45 |
| 0.0                 | -2.0   | 2.03                      | 1.98 | 1.94 | 1.89 | 1.84 |
| 5.0                 | 3.0    | 2.19                      | 2.14 | 2.09 | 2.04 | 1.98 |
| 7.0                 | 6.0    | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 10.0                | 8.0    | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 15.0                | 10.0   | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 20.0                | 15.0   | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 24.0                | 18.0   | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |

**Model: ASEH07KNCA**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.67                      | 1.63 | 1.59 | 1.55 | 1.51 |
| -10.0               | -11.0  | 1.88                      | 1.84 | 1.79 | 1.75 | 1.70 |
| -5.0                | -7.0   | 2.10                      | 2.05 | 2.00 | 1.95 | 1.90 |
| 0.0                 | -2.0   | 2.66                      | 2.60 | 2.54 | 2.47 | 2.41 |
| 5.0                 | 3.0    | 2.87                      | 2.80 | 2.73 | 2.67 | 2.60 |
| 7.0                 | 6.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 10.0                | 8.0    | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 15.0                | 10.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 20.0                | 15.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |
| 24.0                | 18.0   | 2.89                      | 2.82 | 2.75 | 2.68 | 2.61 |

**Model: ASEH09KNCA**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.87                      | 1.83 | 1.79 | 1.74 | 1.70 |
| -10.0               | -11.0  | 2.12                      | 2.07 | 2.02 | 1.96 | 1.91 |
| -5.0                | -7.0   | 2.36                      | 2.30 | 2.24 | 2.19 | 2.13 |
| 0.0                 | -2.0   | 2.99                      | 2.92 | 2.85 | 2.78 | 2.71 |
| 5.0                 | 3.0    | 3.23                      | 3.15 | 3.07 | 3.00 | 2.92 |
| 7.0                 | 6.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 10.0                | 8.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 15.0                | 10.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 20.0                | 15.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 24.0                | 18.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |

**Model: ASEH12KNCA**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

**NOTES:**

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Floor type

### Model: AGE09KVCA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.87                      | 1.83 | 1.79 | 1.74 | 1.70 |
| -10.0               | -11.0  | 2.12                      | 2.07 | 2.02 | 1.96 | 1.91 |
| -5.0                | -7.0   | 2.36                      | 2.30 | 2.24 | 2.19 | 2.13 |
| 0.0                 | -2.0   | 2.99                      | 2.92 | 2.85 | 2.78 | 2.71 |
| 5.0                 | 3.0    | 3.23                      | 3.15 | 3.07 | 3.00 | 2.92 |
| 7.0                 | 6.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 10.0                | 8.0    | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 15.0                | 10.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 20.0                | 15.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |
| 24.0                | 18.0   | 3.24                      | 3.17 | 3.09 | 3.01 | 2.94 |

### Model: AGE12KVCA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.11                      | 2.06 | 2.01 | 1.95 | 1.90 |
| -10.0               | -11.0  | 2.38                      | 2.32 | 2.26 | 2.21 | 2.15 |
| -5.0                | -7.0   | 2.65                      | 2.58 | 2.52 | 2.46 | 2.39 |
| 0.0                 | -2.0   | 3.36                      | 3.28 | 3.20 | 3.12 | 3.04 |
| 5.0                 | 3.0    | 3.62                      | 3.54 | 3.45 | 3.36 | 3.28 |
| 7.0                 | 6.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 10.0                | 8.0    | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 15.0                | 10.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 20.0                | 15.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |
| 24.0                | 18.0   | 3.64                      | 3.56 | 3.47 | 3.38 | 3.30 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

# Model: AOEG18KBCA2

OUTDOOR UNIT

OUTDOOR UNIT

| Indoor unit connecting capacity | Outdoor temperature |       | Indoor temperature |      |           |      |           |      |           |      |           |      |
|---------------------------------|---------------------|-------|--------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                                 |                     |       | 16.0 °CDB          |      | 18.0 °CDB |      | 20.0 °CDB |      | 22.0 °CDB |      | 24.0 °CDB |      |
| kBtu/h                          | °CDB                | °CWB  | TC                 | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   |
| 26                              | -15.0               | -16.0 | 4.00               | 1.63 | 3.90      | 1.67 | 3.80      | 1.70 | 3.70      | 1.73 | 3.60      | 1.77 |
|                                 | -10.0               | -11.0 | 4.60               | 1.68 | 4.40      | 1.72 | 4.30      | 1.75 | 4.20      | 1.79 | 4.10      | 1.82 |
|                                 | -5.0                | -7.0  | 5.20               | 1.73 | 5.00      | 1.76 | 4.90      | 1.80 | 4.80      | 1.84 | 4.70      | 1.87 |
|                                 | 0.0                 | -2.0  | 6.60               | 1.90 | 6.40      | 1.94 | 6.30      | 1.98 | 6.10      | 2.02 | 5.90      | 2.06 |
|                                 | 5.0                 | 3.0   | 7.40               | 1.90 | 7.20      | 1.94 | 7.00      | 1.98 | 6.80      | 2.02 | 6.70      | 2.06 |
|                                 | 7.0                 | 6.0   | 7.40               | 1.80 | 7.20      | 1.84 | 7.00      | 1.88 | 6.80      | 1.92 | 6.70      | 1.96 |
|                                 | 10.0                | 8.0   | 7.40               | 1.69 | 7.20      | 1.73 | 7.00      | 1.77 | 6.80      | 1.80 | 6.70      | 1.84 |
|                                 | 15.0                | 10.0  | 7.40               | 1.55 | 7.20      | 1.59 | 7.00      | 1.62 | 6.80      | 1.65 | 6.70      | 1.68 |
|                                 | 20.0                | 15.0  | 7.40               | 1.31 | 7.20      | 1.34 | 7.00      | 1.37 | 6.80      | 1.40 | 6.70      | 1.42 |
| 24                              | 24.0                | 18.0  | 7.40               | 1.15 | 7.20      | 1.18 | 7.00      | 1.20 | 6.80      | 1.23 | 6.70      | 1.25 |
|                                 | -15.0               | -16.0 | 4.00               | 1.63 | 3.90      | 1.67 | 3.80      | 1.70 | 3.70      | 1.73 | 3.60      | 1.77 |
|                                 | -10.0               | -11.0 | 4.60               | 1.68 | 4.40      | 1.72 | 4.30      | 1.75 | 4.20      | 1.79 | 4.10      | 1.82 |
|                                 | -5.0                | -7.0  | 5.20               | 1.73 | 5.00      | 1.76 | 4.90      | 1.80 | 4.80      | 1.84 | 4.70      | 1.87 |
|                                 | 0.0                 | -2.0  | 6.60               | 1.90 | 6.40      | 1.94 | 6.30      | 1.98 | 6.10      | 2.02 | 5.90      | 2.06 |
|                                 | 5.0                 | 3.0   | 7.40               | 1.90 | 7.20      | 1.94 | 7.00      | 1.98 | 6.80      | 2.02 | 6.70      | 2.06 |
|                                 | 7.0                 | 6.0   | 7.40               | 1.80 | 7.20      | 1.84 | 7.00      | 1.88 | 6.80      | 1.92 | 6.70      | 1.96 |
|                                 | 10.0                | 8.0   | 7.40               | 1.69 | 7.20      | 1.73 | 7.00      | 1.77 | 6.80      | 1.80 | 6.70      | 1.84 |
|                                 | 15.0                | 10.0  | 7.40               | 1.55 | 7.20      | 1.59 | 7.00      | 1.62 | 6.80      | 1.65 | 6.70      | 1.68 |
| 23                              | 20.0                | 15.0  | 7.40               | 1.31 | 7.20      | 1.34 | 7.00      | 1.37 | 6.80      | 1.40 | 6.70      | 1.42 |
|                                 | 24.0                | 18.0  | 7.40               | 1.15 | 7.20      | 1.18 | 7.00      | 1.20 | 6.80      | 1.23 | 6.70      | 1.25 |
|                                 | -15.0               | -16.0 | 4.00               | 1.63 | 3.90      | 1.67 | 3.80      | 1.70 | 3.70      | 1.73 | 3.60      | 1.77 |
|                                 | -10.0               | -11.0 | 4.60               | 1.68 | 4.40      | 1.72 | 4.30      | 1.75 | 4.20      | 1.79 | 4.10      | 1.82 |
|                                 | -5.0                | -7.0  | 5.20               | 1.73 | 5.00      | 1.76 | 4.90      | 1.80 | 4.80      | 1.84 | 4.70      | 1.87 |
|                                 | 0.0                 | -2.0  | 6.60               | 1.90 | 6.40      | 1.94 | 6.30      | 1.98 | 6.10      | 2.02 | 5.90      | 2.06 |
|                                 | 5.0                 | 3.0   | 7.40               | 1.90 | 7.20      | 1.94 | 7.00      | 1.98 | 6.80      | 2.02 | 6.70      | 2.06 |
|                                 | 7.0                 | 6.0   | 7.40               | 1.80 | 7.20      | 1.84 | 7.00      | 1.88 | 6.80      | 1.92 | 6.70      | 1.96 |
|                                 | 10.0                | 8.0   | 7.40               | 1.69 | 7.20      | 1.73 | 7.00      | 1.77 | 6.80      | 1.80 | 6.70      | 1.84 |
| 21                              | 15.0                | 10.0  | 7.40               | 1.55 | 7.20      | 1.59 | 7.00      | 1.62 | 6.80      | 1.65 | 6.70      | 1.68 |
|                                 | 20.0                | 15.0  | 7.40               | 1.31 | 7.20      | 1.34 | 7.00      | 1.37 | 6.80      | 1.40 | 6.70      | 1.42 |
|                                 | 24.0                | 18.0  | 7.40               | 1.15 | 7.20      | 1.18 | 7.00      | 1.20 | 6.80      | 1.23 | 6.70      | 1.25 |
|                                 | -15.0               | -16.0 | 4.00               | 1.63 | 3.90      | 1.67 | 3.80      | 1.70 | 3.70      | 1.73 | 3.60      | 1.77 |
|                                 | -10.0               | -11.0 | 4.60               | 1.68 | 4.40      | 1.72 | 4.30      | 1.75 | 4.20      | 1.79 | 4.10      | 1.82 |
|                                 | -5.0                | -7.0  | 5.20               | 1.73 | 5.00      | 1.76 | 4.90      | 1.80 | 4.80      | 1.84 | 4.70      | 1.87 |
|                                 | 0.0                 | -2.0  | 6.60               | 1.90 | 6.40      | 1.94 | 6.30      | 1.98 | 6.10      | 2.02 | 5.90      | 2.06 |
|                                 | 5.0                 | 3.0   | 7.40               | 1.90 | 7.20      | 1.94 | 7.00      | 1.98 | 6.80      | 2.02 | 6.70      | 2.06 |
|                                 | 7.0                 | 6.0   | 7.40               | 1.80 | 7.20      | 1.84 | 7.00      | 1.88 | 6.80      | 1.92 | 6.70      | 1.96 |
| 19                              | 10.0                | 8.0   | 7.40               | 1.69 | 7.20      | 1.73 | 7.00      | 1.77 | 6.80      | 1.80 | 6.70      | 1.84 |
|                                 | 15.0                | 10.0  | 7.40               | 1.55 | 7.20      | 1.59 | 7.00      | 1.62 | 6.80      | 1.65 | 6.70      | 1.68 |
|                                 | 20.0                | 15.0  | 7.40               | 1.31 | 7.20      | 1.34 | 7.00      | 1.37 | 6.80      | 1.40 | 6.70      | 1.42 |
|                                 | 24.0                | 18.0  | 7.40               | 1.15 | 7.20      | 1.18 | 7.00      | 1.20 | 6.80      | 1.23 | 6.70      | 1.25 |
|                                 | -15.0               | -16.0 | 4.00               | 1.63 | 3.90      | 1.67 | 3.80      | 1.70 | 3.70      | 1.73 | 3.60      | 1.77 |
|                                 | -10.0               | -11.0 | 4.60               | 1.68 | 4.40      | 1.72 | 4.30      | 1.75 | 4.20      | 1.79 | 4.10      | 1.82 |
|                                 | -5.0                | -7.0  | 5.20               | 1.73 | 5.00      | 1.76 | 4.90      | 1.80 | 4.80      | 1.84 | 4.70      | 1.87 |
|                                 | 0.0                 | -2.0  | 6.60               | 1.90 | 6.40      | 1.94 | 6.30      | 1.98 | 6.10      | 2.02 | 5.90      | 2.06 |
|                                 | 5.0                 | 3.0   | 7.40               | 1.90 | 7.20      | 1.94 | 7.00      | 1.98 | 6.80      | 2.02 | 6.70      | 2.06 |
| 18                              | 7.0                 | 6.0   | 7.40               | 1.80 | 7.20      | 1.84 | 7.00      | 1.88 | 6.80      | 1.92 | 6.70      | 1.96 |
|                                 | 10.0                | 8.0   | 7.40               | 1.69 | 7.20      | 1.73 | 7.00      | 1.77 | 6.80      | 1.80 | 6.70      | 1.84 |
|                                 | 15.0                | 10.0  | 7.40               | 1.55 | 7.20      | 1.59 | 7.00      | 1.62 | 6.80      | 1.65 | 6.70      | 1.68 |
|                                 | 20.0                | 15.0  | 7.40               | 1.31 | 7.20      | 1.34 | 7.00      | 1.37 | 6.80      | 1.40 | 6.70      | 1.42 |
|                                 | 24.0                | 18.0  | 7.40               | 1.15 | 7.20      | 1.18 | 7.00      | 1.20 | 6.80      | 1.23 | 6.70      | 1.25 |
|                                 | -15.0               | -16.0 | 4.00               | 1.63 | 3.90      | 1.67 | 3.80      | 1.70 | 3.70      | 1.73 | 3.60      | 1.77 |
|                                 | -10.0               | -11.0 | 4.60               | 1.68 | 4.40      | 1.72 | 4.30      | 1.75 | 4.20      | 1.79 | 4.10      | 1.82 |
|                                 | -5.0                | -7.0  | 5.20               | 1.73 | 5.00      | 1.76 | 4.90      | 1.80 | 4.80      | 1.84 | 4.70      | 1.87 |
|                                 | 0.0                 | -2.0  | 6.60               | 1.90 | 6.40      | 1.94 | 6.30      | 1.98 | 6.10      | 2.02 | 5.90      | 2.06 |
| 17                              | 5.0                 | 3.0   | 7.40               | 1.90 | 7.20      | 1.94 | 7.00      | 1.98 | 6.80      | 2.02 | 6.70      | 2.06 |
|                                 | 7.0                 | 6.0   | 7.40               | 1.80 | 7.20      | 1.84 | 7.00      | 1.88 | 6.80      | 1.92 | 6.70      | 1.96 |
|                                 | 10.0                | 8.0   | 7.40               | 1.69 | 7.20      | 1.73 | 7.00      | 1.77 | 6.80      | 1.80 | 6.70      | 1.84 |
|                                 | 15.0                | 10.0  | 7.40               | 1.55 | 7.20      | 1.59 | 7.00      | 1.62 | 6.80      | 1.65 | 6.70      | 1.68 |
|                                 | 20.0                | 15.0  | 7.40               | 1.31 | 7.20      | 1.34 | 7.00      | 1.37 | 6.80      | 1.40 | 6.70      | 1.42 |
|                                 | 24.0                | 18.0  | 7.40               | 1.15 | 7.20      | 1.18 | 7.00      | 1.20 | 6.80      | 1.23 | 6.70      | 1.25 |
|                                 | -15.0               | -16.0 | 3.62               | 1.53 | 3.53      | 1.56 | 3.45      | 1.59 | 3.36      | 1.62 | 3.27      | 1.65 |
|                                 | -10.0               | -11.0 | 4.16               | 1.57 | 4.07      | 1.61 | 3.97      | 1.64 | 3.87      | 1.67 | 3.77      | 1.71 |
|                                 | -5.0                | -7.0  | 4.71               | 1.61 | 4.60      | 1.65 | 4.49      | 1.68 | 4.37      | 1.71 | 4.26      | 1.75 |
| 16                              | 0.0                 | -2.0  | 6.01               | 1.79 | 5.86      | 1.82 | 5.72      | 1.86 | 5.58      | 1.90 | 5.43      | 1.93 |
|                                 | 5.0                 | 3.0   | 6.72               | 1.79 | 6.56      | 1.82 | 6.40      | 1.86 | 6.24      | 1.90 | 6.08      | 1.93 |
|                                 | 7.0                 | 6.0   | 6.72               | 1.69 | 6.56      | 1.72 | 6.40      | 1.76 | 6.24      | 1.80 | 6.08      | 1.83 |
|                                 | 10.0                | 8.0   | 6.72               | 1.59 | 6.56      | 1.62 | 6.40      | 1.65 | 6.24      | 1.69 | 6.08      | 1.72 |
|                                 | 15.0                | 10.0  | 6.72               | 1.45 | 6.56      | 1.49 | 6.40      | 1.52 | 6.24      | 1.55 | 6.08      | 1.58 |
|                                 | 20.0                | 15.0  | 6.72               | 1.23 | 6.56      | 1.26 | 6.40      | 1.28 | 6.24      | 1.31 | 6.08      | 1.33 |
|                                 | 24.0                | 18.0  | 6.72               | 1.08 | 6.56      | 1.10 | 6.40      | 1.12 | 6.24      | 1.15 | 6.08      | 1.17 |
|                                 | -15.0               | -16.0 | 3.60               | 1.46 | 3.50      | 1.49 | 3.40      | 1.52 | 3.40      | 1.55 | 3.30      | 1.58 |
|                                 | -10.0               | -11.0 | 4.20               | 1.50 | 4.10      | 1.53 | 4.00      | 1.56 | 3.90      | 1.59 | 3.80      | 1.62 |
|                                 | -5.0                | -7.0  | 4.70               | 1.55 | 4.60      | 1.58 | 4.50      | 1.61 | 4.40      | 1.64 | 4.30      | 1.67 |
|                                 | 0.0                 | -2.0  | 6.00               | 1.70 | 5.90      | 1.73 | 5.70      | 1.77 | 5.60      | 1.81 | 5.40      | 1.84 |
|                                 | 5.0                 | 3.0   | 6.70               | 1.70 | 6.60      | 1.73 | 6.40      | 1.77 | 6.20      | 1.81 | 6.10      | 1.84 |
|                                 | 7.0                 | 6.0   | 6.70               | 1.61 | 6.60      | 1.65 | 6.40      | 1.68 | 6.20      | 1.71 | 6.10      | 1.75 |
|                                 | 10.0                | 8.0   | 6.70               | 1.51 | 6.60      | 1.55 | 6.40      | 1.58 | 6.20      | 1.61 | 6.10      | 1.64 |
|                                 | 15.0                | 10.0  | 6.70               | 1.39 | 6.60      | 1.42 | 6.40      | 1.45 | 6.20      | 1.48 | 6.10      | 1.50 |
|                                 | 20.0                | 15.0  | 6.70               | 1.17 | 6.60      | 1.20 | 6.40      | 1.22 | 6.20      | 1.25 | 6.10      | 1.27 |
|                                 | 24.0                | 18.0  | 6.70               | 1.03 | 6.60      | 1.05 | 6.40      | 1.07 | 6.20      | 1.09 | 6.10      | 1.12 |



| Indoor unit connecting capacity | Outdoor temperature |       | Indoor temperature |      |           |      |           |      |           |      |           |      |
|---------------------------------|---------------------|-------|--------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                                 |                     |       | 16.0 °CDB          |      | 18.0 °CDB |      | 20.0 °CDB |      | 22.0 °CDB |      | 24.0 °CDB |      |
| kBtu/h                          | °CDB                | °CWB  | TC                 | IP   | TC        | IP   | TC        | IP   | TC        | IP   | TC        | IP   |
| 14                              | -15.0               | -16.0 | 3.20               | 1.22 | 3.10      | 1.24 | 3.00      | 1.27 | 2.90      | 1.30 | 2.90      | 1.32 |
|                                 | -10.0               | -11.0 | 3.60               | 1.26 | 3.60      | 1.28 | 3.50      | 1.31 | 3.40      | 1.34 | 3.30      | 1.36 |
|                                 | -5.0                | -7.0  | 4.10               | 1.30 | 4.00      | 1.32 | 3.90      | 1.35 | 3.80      | 1.38 | 3.70      | 1.40 |
|                                 | 0.0                 | -2.0  | 5.30               | 1.43 | 5.10      | 1.46 | 5.00      | 1.49 | 4.90      | 1.52 | 4.80      | 1.55 |
|                                 | 5.0                 | 3.0   | 5.90               | 1.43 | 5.70      | 1.46 | 5.60      | 1.49 | 5.50      | 1.52 | 5.30      | 1.55 |
|                                 | 7.0                 | 6.0   | 5.90               | 1.35 | 5.70      | 1.38 | 5.60      | 1.41 | 5.50      | 1.44 | 5.30      | 1.47 |
|                                 | 10.0                | 8.0   | 5.90               | 1.27 | 5.70      | 1.30 | 5.60      | 1.32 | 5.50      | 1.35 | 5.30      | 1.38 |
|                                 | 15.0                | 10.0  | 5.90               | 1.17 | 5.70      | 1.19 | 5.60      | 1.21 | 5.50      | 1.24 | 5.30      | 1.26 |
|                                 | 20.0                | 15.0  | 5.90               | 0.99 | 5.70      | 1.01 | 5.60      | 1.03 | 5.50      | 1.05 | 5.30      | 1.07 |
|                                 | 24.0                | 18.0  | 5.90               | 0.86 | 5.70      | 0.88 | 5.60      | 0.90 | 5.50      | 0.92 | 5.30      | 0.94 |
| 12                              | -15.0               | -16.0 | 2.77               | 1.03 | 2.70      | 1.05 | 2.64      | 1.07 | 2.57      | 1.09 | 2.51      | 1.11 |
|                                 | -10.0               | -11.0 | 3.19               | 1.06 | 3.11      | 1.08 | 3.04      | 1.10 | 2.96      | 1.12 | 2.88      | 1.14 |
|                                 | -5.0                | -7.0  | 3.61               | 1.08 | 3.52      | 1.11 | 3.43      | 1.13 | 3.35      | 1.15 | 3.26      | 1.18 |
|                                 | 0.0                 | -2.0  | 4.60               | 1.20 | 4.49      | 1.23 | 4.38      | 1.25 | 4.27      | 1.28 | 4.16      | 1.30 |
|                                 | 5.0                 | 3.0   | 5.15               | 1.20 | 5.02      | 1.23 | 4.90      | 1.25 | 4.78      | 1.28 | 4.66      | 1.30 |
|                                 | 7.0                 | 6.0   | 5.15               | 1.13 | 5.02      | 1.16 | 4.90      | 1.18 | 4.78      | 1.20 | 4.66      | 1.23 |
|                                 | 10.0                | 8.0   | 5.15               | 1.06 | 5.02      | 1.09 | 4.90      | 1.11 | 4.78      | 1.13 | 4.66      | 1.15 |
|                                 | 15.0                | 10.0  | 5.15               | 0.98 | 5.02      | 1.00 | 4.90      | 1.02 | 4.78      | 1.04 | 4.66      | 1.06 |
|                                 | 20.0                | 15.0  | 5.15               | 0.82 | 5.02      | 0.84 | 4.90      | 0.86 | 4.78      | 0.88 | 4.66      | 0.89 |
|                                 | 24.0                | 18.0  | 5.15               | 0.72 | 5.02      | 0.74 | 4.90      | 0.75 | 4.78      | 0.77 | 4.66      | 0.78 |
| 10                              | -15.0               | -16.0 | 2.37               | 0.82 | 2.32      | 0.83 | 2.26      | 0.85 | 2.20      | 0.87 | 2.15      | 0.88 |
|                                 | -10.0               | -11.0 | 2.73               | 0.84 | 2.67      | 0.86 | 2.60      | 0.88 | 2.54      | 0.90 | 2.47      | 0.92 |
|                                 | -5.0                | -7.0  | 3.09               | 0.86 | 3.02      | 0.88 | 2.94      | 0.90 | 2.87      | 0.92 | 2.80      | 0.94 |
|                                 | 0.0                 | -2.0  | 3.94               | 0.95 | 3.85      | 0.97 | 3.75      | 0.99 | 3.66      | 1.01 | 3.57      | 1.03 |
|                                 | 5.0                 | 3.0   | 4.41               | 0.95 | 4.31      | 0.97 | 4.20      | 0.99 | 4.10      | 1.01 | 3.99      | 1.03 |
|                                 | 7.0                 | 6.0   | 4.41               | 0.90 | 4.31      | 0.92 | 4.20      | 0.94 | 4.10      | 0.96 | 3.99      | 0.98 |
|                                 | 10.0                | 8.0   | 4.41               | 0.85 | 4.31      | 0.86 | 4.20      | 0.88 | 4.10      | 0.90 | 3.99      | 0.92 |
|                                 | 15.0                | 10.0  | 4.41               | 0.78 | 4.31      | 0.79 | 4.20      | 0.81 | 4.10      | 0.83 | 3.99      | 0.84 |
|                                 | 20.0                | 15.0  | 4.41               | 0.66 | 4.31      | 0.67 | 4.20      | 0.68 | 4.10      | 0.70 | 3.99      | 0.71 |
|                                 | 24.0                | 18.0  | 4.41               | 0.58 | 4.31      | 0.59 | 4.20      | 0.60 | 4.10      | 0.61 | 3.99      | 0.62 |

**NOTES:**

- TC: Total Capacity (kW), IP: Input Power (kW)
- Values mentioned in the table are based on the following conditions:
  - Power source of specifications: 230 V
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)
- 2 or more indoor units should be connected.
- The total ability of connected a indoor unit is from 10,000 Btu/h up to 26,000 Btu/h.
- Input in the table are calculated based on the maximum indoor unit input combinations.

## ● Compact cassette type

### Model: AUXG07KVLA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.58                      | 1.55 | 1.51 | 1.47 | 1.43 |
| -10.0               | -11.0  | 1.82                      | 1.78 | 1.74 | 1.69 | 1.65 |
| -5.0                | -7.0   | 2.06                      | 2.01 | 1.96 | 1.91 | 1.86 |
| 0.0                 | -2.0   | 2.63                      | 2.56 | 2.50 | 2.44 | 2.38 |
| 5.0                 | 3.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 7.0                 | 6.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 10.0                | 8.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 15.0                | 10.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 20.0                | 15.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 24.0                | 18.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |

### Model: AUXG09KVLA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.04                      | 1.99 | 1.94 | 1.89 | 1.84 |
| -10.0               | -11.0  | 2.34                      | 2.29 | 2.23 | 2.18 | 2.12 |
| -5.0                | -7.0   | 2.65                      | 2.59 | 2.52 | 2.46 | 2.40 |
| 0.0                 | -2.0   | 3.38                      | 3.30 | 3.22 | 3.14 | 3.06 |
| 5.0                 | 3.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 7.0                 | 6.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 10.0                | 8.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 15.0                | 10.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 20.0                | 15.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 24.0                | 18.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |

### Model: AUXG12KVLA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

### Model: AUXG14KVLA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.64                      | 2.58 | 2.51 | 2.45 | 2.39 |
| -10.0               | -11.0  | 3.04                      | 2.97 | 2.89 | 2.82 | 2.75 |
| -5.0                | -7.0   | 3.44                      | 3.36 | 3.27 | 3.19 | 3.11 |
| 0.0                 | -2.0   | 4.38                      | 4.28 | 4.17 | 4.07 | 3.96 |
| 5.0                 | 3.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 7.0                 | 6.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 10.0                | 8.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 15.0                | 10.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 20.0                | 15.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 24.0                | 18.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Mini duct type

### Model: ARXG07KSLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.58                      | 1.55 | 1.51 | 1.47 | 1.43 |
| -10.0               | -11.0  | 1.82                      | 1.78 | 1.74 | 1.69 | 1.65 |
| -5.0                | -7.0   | 2.06                      | 2.01 | 1.96 | 1.91 | 1.86 |
| 0.0                 | -2.0   | 2.63                      | 2.56 | 2.50 | 2.44 | 2.38 |
| 5.0                 | 3.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 7.0                 | 6.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 10.0                | 8.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 15.0                | 10.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 20.0                | 15.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 24.0                | 18.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |

### Model: ARXG09KSLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.04                      | 1.99 | 1.94 | 1.89 | 1.84 |
| -10.0               | -11.0  | 2.34                      | 2.29 | 2.23 | 2.18 | 2.12 |
| -5.0                | -7.0   | 2.65                      | 2.59 | 2.52 | 2.46 | 2.40 |
| 0.0                 | -2.0   | 3.38                      | 3.30 | 3.22 | 3.14 | 3.06 |
| 5.0                 | 3.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 7.0                 | 6.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 10.0                | 8.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 15.0                | 10.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 20.0                | 15.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 24.0                | 18.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |

### Model: ARXG12KSLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

### Model: ARXG14KSLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.64                      | 2.58 | 2.51 | 2.45 | 2.39 |
| -10.0               | -11.0  | 3.04                      | 2.97 | 2.89 | 2.82 | 2.75 |
| -5.0                | -7.0   | 3.44                      | 3.36 | 3.27 | 3.19 | 3.11 |
| 0.0                 | -2.0   | 4.38                      | 4.28 | 4.17 | 4.07 | 3.96 |
| 5.0                 | 3.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 7.0                 | 6.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 10.0                | 8.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 15.0                | 10.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 20.0                | 15.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 24.0                | 18.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]

## ● Slim duct type

### Model: ARXG07KLLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.58                      | 1.55 | 1.51 | 1.47 | 1.43 |
| -10.0               | -11.0  | 1.82                      | 1.78 | 1.74 | 1.69 | 1.65 |
| -5.0                | -7.0   | 2.06                      | 2.01 | 1.96 | 1.91 | 1.86 |
| 0.0                 | -2.0   | 2.63                      | 2.56 | 2.50 | 2.44 | 2.38 |
| 5.0                 | 3.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 7.0                 | 6.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 10.0                | 8.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 15.0                | 10.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 20.0                | 15.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 24.0                | 18.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |

### Model: ARXG09KLLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.04                      | 1.99 | 1.94 | 1.89 | 1.84 |
| -10.0               | -11.0  | 2.34                      | 2.29 | 2.23 | 2.18 | 2.12 |
| -5.0                | -7.0   | 2.65                      | 2.59 | 2.52 | 2.46 | 2.40 |
| 0.0                 | -2.0   | 3.38                      | 3.30 | 3.22 | 3.14 | 3.06 |
| 5.0                 | 3.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 7.0                 | 6.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 10.0                | 8.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 15.0                | 10.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 20.0                | 15.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 24.0                | 18.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |

### Model: ARXG12KLLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

### Model: ARXG14KLLAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.64                      | 2.58 | 2.51 | 2.45 | 2.39 |
| -10.0               | -11.0  | 3.04                      | 2.97 | 2.89 | 2.82 | 2.75 |
| -5.0                | -7.0   | 3.44                      | 3.36 | 3.27 | 3.19 | 3.11 |
| 0.0                 | -2.0   | 4.38                      | 4.28 | 4.17 | 4.07 | 3.96 |
| 5.0                 | 3.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 7.0                 | 6.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 10.0                | 8.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 15.0                | 10.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 20.0                | 15.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 24.0                | 18.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Medium static pressure duct type

### Model: ARXH12KMTAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

### Model: ARXH14KMTAP

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.64                      | 2.58 | 2.51 | 2.45 | 2.39 |
| -10.0               | -11.0  | 3.04                      | 2.97 | 2.89 | 2.82 | 2.75 |
| -5.0                | -7.0   | 3.44                      | 3.36 | 3.27 | 3.19 | 3.11 |
| 0.0                 | -2.0   | 4.38                      | 4.28 | 4.17 | 4.07 | 3.96 |
| 5.0                 | 3.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 7.0                 | 6.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 10.0                | 8.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 15.0                | 10.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 20.0                | 15.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 24.0                | 18.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Wall mounted type

### Model: ASEH07KMCG, ASEH07KMCG-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.58                      | 1.55 | 1.51 | 1.47 | 1.43 |
| -10.0               | -11.0  | 1.82                      | 1.78 | 1.74 | 1.69 | 1.65 |
| -5.0                | -7.0   | 2.06                      | 2.01 | 1.96 | 1.91 | 1.86 |
| 0.0                 | -2.0   | 2.63                      | 2.56 | 2.50 | 2.44 | 2.38 |
| 5.0                 | 3.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 7.0                 | 6.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 10.0                | 8.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 15.0                | 10.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 20.0                | 15.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 24.0                | 18.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |

### Model: ASEH09KMCG, ASEH09KMCG-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.04                      | 1.99 | 1.94 | 1.89 | 1.84 |
| -10.0               | -11.0  | 2.34                      | 2.29 | 2.23 | 2.18 | 2.12 |
| -5.0                | -7.0   | 2.65                      | 2.59 | 2.52 | 2.46 | 2.40 |
| 0.0                 | -2.0   | 3.38                      | 3.30 | 3.22 | 3.14 | 3.06 |
| 5.0                 | 3.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 7.0                 | 6.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 10.0                | 8.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 15.0                | 10.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 20.0                | 15.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 24.0                | 18.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |

### Model: ASEH12KMCG, ASEH12KMCG-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

### Model: ASEH14KMCG, ASEH14KMCG-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.64                      | 2.58 | 2.51 | 2.45 | 2.39 |
| -10.0               | -11.0  | 3.04                      | 2.97 | 2.89 | 2.82 | 2.75 |
| -5.0                | -7.0   | 3.44                      | 3.36 | 3.27 | 3.19 | 3.11 |
| 0.0                 | -2.0   | 4.38                      | 4.28 | 4.17 | 4.07 | 3.96 |
| 5.0                 | 3.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 7.0                 | 6.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 10.0                | 8.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 15.0                | 10.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 20.0                | 15.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 24.0                | 18.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |

## Models: ASEG07KETF and ASEG07KETF-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.58                      | 1.55 | 1.51 | 1.47 | 1.43 |
| -10.0               | -11.0  | 1.82                      | 1.78 | 1.74 | 1.69 | 1.65 |
| -5.0                | -7.0   | 2.06                      | 2.01 | 1.96 | 1.91 | 1.86 |
| 0.0                 | -2.0   | 2.63                      | 2.56 | 2.50 | 2.44 | 2.38 |
| 5.0                 | 3.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 7.0                 | 6.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 10.0                | 8.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 15.0                | 10.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 20.0                | 15.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 24.0                | 18.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |

## Models: ASEG09KETF and ASEG09KETF-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.04                      | 1.99 | 1.94 | 1.89 | 1.84 |
| -10.0               | -11.0  | 2.34                      | 2.29 | 2.23 | 2.18 | 2.12 |
| -5.0                | -7.0   | 2.65                      | 2.59 | 2.52 | 2.46 | 2.40 |
| 0.0                 | -2.0   | 3.38                      | 3.30 | 3.22 | 3.14 | 3.06 |
| 5.0                 | 3.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 7.0                 | 6.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 10.0                | 8.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 15.0                | 10.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 20.0                | 15.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 24.0                | 18.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |

## Models: ASEG12KETF and ASEG12KETF-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

## Models: ASEG14KETF and ASEG14KETF-B

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.64                      | 2.58 | 2.51 | 2.45 | 2.39 |
| -10.0               | -11.0  | 3.04                      | 2.97 | 2.89 | 2.82 | 2.75 |
| -5.0                | -7.0   | 3.44                      | 3.36 | 3.27 | 3.19 | 3.11 |
| 0.0                 | -2.0   | 4.38                      | 4.28 | 4.17 | 4.07 | 3.96 |
| 5.0                 | 3.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 7.0                 | 6.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 10.0                | 8.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 15.0                | 10.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 20.0                | 15.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 24.0                | 18.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |

**Model: ASEH07KGTG**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.58                      | 1.55 | 1.51 | 1.47 | 1.43 |
| -10.0               | -11.0  | 1.82                      | 1.78 | 1.74 | 1.69 | 1.65 |
| -5.0                | -7.0   | 2.06                      | 2.01 | 1.96 | 1.91 | 1.86 |
| 0.0                 | -2.0   | 2.63                      | 2.56 | 2.50 | 2.44 | 2.38 |
| 5.0                 | 3.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 7.0                 | 6.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 10.0                | 8.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 15.0                | 10.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 20.0                | 15.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 24.0                | 18.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |

**Model: ASEH09KGTG**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.04                      | 1.99 | 1.94 | 1.89 | 1.84 |
| -10.0               | -11.0  | 2.34                      | 2.29 | 2.23 | 2.18 | 2.12 |
| -5.0                | -7.0   | 2.65                      | 2.59 | 2.52 | 2.46 | 2.40 |
| 0.0                 | -2.0   | 3.38                      | 3.30 | 3.22 | 3.14 | 3.06 |
| 5.0                 | 3.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 7.0                 | 6.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 10.0                | 8.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 15.0                | 10.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 20.0                | 15.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 24.0                | 18.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |

**Model: ASEH12KGTG**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

**Model: ASEH14KGTG**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.64                      | 2.58 | 2.51 | 2.45 | 2.39 |
| -10.0               | -11.0  | 3.04                      | 2.97 | 2.89 | 2.82 | 2.75 |
| -5.0                | -7.0   | 3.44                      | 3.36 | 3.27 | 3.19 | 3.11 |
| 0.0                 | -2.0   | 4.38                      | 4.28 | 4.17 | 4.07 | 3.96 |
| 5.0                 | 3.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 7.0                 | 6.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 10.0                | 8.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 15.0                | 10.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 20.0                | 15.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 24.0                | 18.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |



**Model: ASEH05KNCA**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.19                      | 1.16 | 1.13 | 1.10 | 1.07 |
| -10.0               | -11.0  | 1.37                      | 1.33 | 1.30 | 1.27 | 1.24 |
| -5.0                | -7.0   | 1.55                      | 1.51 | 1.47 | 1.44 | 1.40 |
| 0.0                 | -2.0   | 1.97                      | 1.92 | 1.88 | 1.83 | 1.78 |
| 5.0                 | 3.0    | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 7.0                 | 6.0    | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 10.0                | 8.0    | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 15.0                | 10.0   | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 20.0                | 15.0   | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |
| 24.0                | 18.0   | 2.21                      | 2.15 | 2.10 | 2.05 | 2.00 |

**Model: ASEH07KNCA**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 1.58                      | 1.55 | 1.51 | 1.47 | 1.43 |
| -10.0               | -11.0  | 1.82                      | 1.78 | 1.74 | 1.69 | 1.65 |
| -5.0                | -7.0   | 2.06                      | 2.01 | 1.96 | 1.91 | 1.86 |
| 0.0                 | -2.0   | 2.63                      | 2.56 | 2.50 | 2.44 | 2.38 |
| 5.0                 | 3.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 7.0                 | 6.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 10.0                | 8.0    | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 15.0                | 10.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 20.0                | 15.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |
| 24.0                | 18.0   | 2.94                      | 2.87 | 2.80 | 2.73 | 2.66 |

**Model: ASEH09KNCA**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.04                      | 1.99 | 1.94 | 1.89 | 1.84 |
| -10.0               | -11.0  | 2.34                      | 2.29 | 2.23 | 2.18 | 2.12 |
| -5.0                | -7.0   | 2.65                      | 2.59 | 2.52 | 2.46 | 2.40 |
| 0.0                 | -2.0   | 3.38                      | 3.30 | 3.22 | 3.14 | 3.06 |
| 5.0                 | 3.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 7.0                 | 6.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 10.0                | 8.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 15.0                | 10.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 20.0                | 15.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 24.0                | 18.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |

**Model: ASEH12KNCA**

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

**NOTES:**

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## ● Floor type

### Model: AGE09KVCA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.04                      | 1.99 | 1.94 | 1.89 | 1.84 |
| -10.0               | -11.0  | 2.34                      | 2.29 | 2.23 | 2.18 | 2.12 |
| -5.0                | -7.0   | 2.65                      | 2.59 | 2.52 | 2.46 | 2.40 |
| 0.0                 | -2.0   | 3.38                      | 3.30 | 3.22 | 3.14 | 3.06 |
| 5.0                 | 3.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 7.0                 | 6.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 10.0                | 8.0    | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 15.0                | 10.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 20.0                | 15.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |
| 24.0                | 18.0   | 3.78                      | 3.69 | 3.60 | 3.51 | 3.42 |

### Model: AGE12KVCA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.50                      | 2.44 | 2.38 | 2.32 | 2.26 |
| -10.0               | -11.0  | 2.88                      | 2.81 | 2.74 | 2.67 | 2.60 |
| -5.0                | -7.0   | 3.25                      | 3.18 | 3.10 | 3.02 | 2.94 |
| 0.0                 | -2.0   | 4.15                      | 4.05 | 3.95 | 3.85 | 3.75 |
| 5.0                 | 3.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 7.0                 | 6.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 10.0                | 8.0    | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 15.0                | 10.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 20.0                | 15.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |
| 24.0                | 18.0   | 4.64                      | 4.53 | 4.42 | 4.31 | 4.20 |

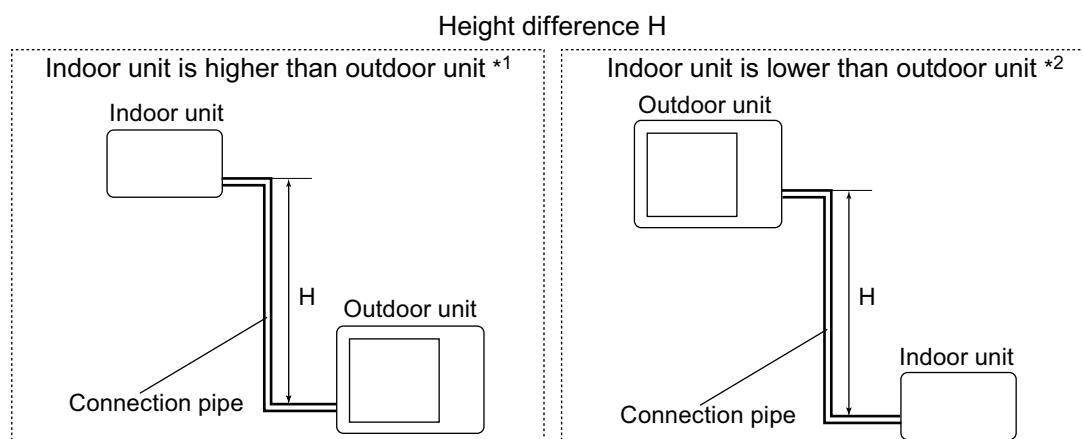
### Model: AGE14KVCA

| Outdoor temperature |        | Indoor temperature (°CDB) |      |      |      |      |
|---------------------|--------|---------------------------|------|------|------|------|
|                     |        | 16.0                      | 18.0 | 20.0 | 22.0 | 24.0 |
| (°CDB)              | (°CWB) | TC                        | TC   | TC   | TC   | TC   |
| -15.0               | -16.0  | 2.64                      | 2.58 | 2.51 | 2.45 | 2.39 |
| -10.0               | -11.0  | 3.04                      | 2.97 | 2.89 | 2.82 | 2.75 |
| -5.0                | -7.0   | 3.44                      | 3.36 | 3.27 | 3.19 | 3.11 |
| 0.0                 | -2.0   | 4.38                      | 4.28 | 4.17 | 4.07 | 3.96 |
| 5.0                 | 3.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 7.0                 | 6.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 10.0                | 8.0    | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 15.0                | 10.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 20.0                | 15.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |
| 24.0                | 18.0   | 4.90                      | 4.79 | 4.67 | 4.55 | 4.44 |

#### NOTES:

- TC: Total Capacity (kW)
- Values mentioned in the table are based on the following conditions:
  - Pipe length: 5 m, Height difference: 0 m (Outdoor unit—Indoor unit)

## 7. Capacity compensation rate for pipe length and height difference



### 7-1. Model: AOEG14KBCA2

**NOTE:** Values mentioned in the table are calculated based on the maximum capacity.

#### ■ Indoor unit: 5,000 Btu/h and 7,000 Btu/h

| Cooling                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.936 | 0.908 |
|                         |                                            | 10          | —     | —     | 0.969 | 0.943 | 0.915 |
|                         |                                            | 5           | —     | 0.991 | 0.976 | 0.950 | 0.921 |
|                         |                                            | 2.5         | 0.993 | 0.993 | 0.978 | 0.952 | 0.923 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 1.000 | 1.000 | 0.985 | 0.959 | 0.930 |
|                         |                                            | -2.5        | 1.000 | 1.000 | 0.985 | 0.959 | 0.930 |
|                         |                                            | -5          | —     | 1.000 | 0.985 | 0.959 | 0.930 |
|                         |                                            | -10         | —     | —     | 0.985 | 0.959 | 0.930 |
|                         |                                            | -15         | —     | —     | —     | 0.959 | 0.930 |

| Heating                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.937 | 0.915 |
|                         |                                            | 10          | —     | —     | 0.956 | 0.937 | 0.915 |
|                         |                                            | 5           | —     | 1.000 | 0.956 | 0.937 | 0.915 |
|                         |                                            | 2.5         | 0.990 | 1.000 | 0.956 | 0.937 | 0.915 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 0.990 | 1.000 | 0.956 | 0.937 | 0.915 |
|                         |                                            | -2.5        | 0.986 | 0.996 | 0.952 | 0.933 | 0.911 |
|                         |                                            | -5          | —     | 0.994 | 0.950 | 0.931 | 0.909 |
|                         |                                            | -10         | —     | —     | 0.946 | 0.928 | 0.906 |
|                         |                                            | -15         | —     | —     | —     | 0.923 | 0.901 |

## Indoor unit: 9,000 Btu/h

| Cooling                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.924 | 0.891 |
|                         |                                            | 10          | —     | —     | 0.962 | 0.931 | 0.899 |
|                         |                                            | 5           | —     | 0.991 | 0.968 | 0.938 | 0.905 |
|                         |                                            | 2.5         | 0.993 | 0.993 | 0.970 | 0.940 | 0.907 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 1.000 | 1.000 | 0.977 | 0.946 | 0.913 |
|                         |                                            | -2.5        | 1.000 | 1.000 | 0.977 | 0.946 | 0.913 |
|                         |                                            | -5          | —     | 1.000 | 0.977 | 0.946 | 0.913 |
|                         |                                            | -10         | —     | —     | 0.977 | 0.946 | 0.913 |
|                         |                                            | -15         | —     | —     | —     | 0.946 | 0.913 |

| Heating                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.937 | 0.914 |
|                         |                                            | 10          | —     | —     | 0.956 | 0.937 | 0.914 |
|                         |                                            | 5           | —     | 1.000 | 0.956 | 0.937 | 0.914 |
|                         |                                            | 2.5         | 0.990 | 1.000 | 0.956 | 0.937 | 0.914 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 0.990 | 1.000 | 0.956 | 0.937 | 0.914 |
|                         |                                            | -2.5        | 0.986 | 0.996 | 0.952 | 0.933 | 0.910 |
|                         |                                            | -5          | —     | 0.994 | 0.950 | 0.931 | 0.908 |
|                         |                                            | -10         | —     | —     | 0.946 | 0.927 | 0.905 |
|                         |                                            | -15         | —     | —     | —     | 0.923 | 0.900 |

## Indoor unit: 12,000 Btu/h

| Cooling                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.914 | 0.877 |
|                         |                                            | 10          | —     | —     | 0.959 | 0.921 | 0.884 |
|                         |                                            | 5           | —     | 0.991 | 0.965 | 0.928 | 0.890 |
|                         |                                            | 2.5         | 0.993 | 0.993 | 0.967 | 0.930 | 0.893 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 1.000 | 1.000 | 0.974 | 0.936 | 0.899 |
|                         |                                            | -2.5        | 1.000 | 1.000 | 0.974 | 0.936 | 0.899 |
|                         |                                            | -5          | —     | 1.000 | 0.974 | 0.936 | 0.899 |
|                         |                                            | -10         | —     | —     | 0.974 | 0.936 | 0.899 |
|                         |                                            | -15         | —     | —     | —     | 0.936 | 0.899 |

| Heating                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.936 | 0.914 |
|                         |                                            | 10          | —     | —     | 0.955 | 0.936 | 0.914 |
|                         |                                            | 5           | —     | 1.000 | 0.955 | 0.936 | 0.914 |
|                         |                                            | 2.5         | 0.992 | 1.000 | 0.955 | 0.936 | 0.914 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 0.992 | 1.000 | 0.955 | 0.936 | 0.914 |
|                         |                                            | -2.5        | 0.988 | 0.996 | 0.951 | 0.932 | 0.910 |
|                         |                                            | -5          | —     | 0.994 | 0.949 | 0.930 | 0.908 |
|                         |                                            | -10         | —     | —     | 0.945 | 0.927 | 0.905 |
|                         |                                            | -15         | —     | —     | —     | 0.922 | 0.900 |

## 7-2. Model: AOEG18KBCA2

**NOTE:** Values mentioned in the table are calculated based on the maximum capacity.

### Indoor unit: 5,000 Btu/h and 7,000 Btu/h

| Cooling                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.940 | 0.914 |
|                         |                                            | 10          | —     | —     | 0.973 | 0.948 | 0.921 |
|                         |                                            | 5           | —     | 0.991 | 0.980 | 0.955 | 0.928 |
|                         |                                            | 2.5         | 0.993 | 0.993 | 0.982 | 0.957 | 0.930 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 1.000 | 1.000 | 0.989 | 0.963 | 0.936 |
|                         |                                            | -2.5        | 1.000 | 1.000 | 0.989 | 0.963 | 0.936 |
|                         |                                            | -5          | —     | 1.000 | 0.989 | 0.963 | 0.936 |
|                         |                                            | -10         | —     | —     | 0.989 | 0.963 | 0.936 |
|                         |                                            | -15         | —     | —     | —     | 0.963 | 0.936 |

| Heating                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.942 | 0.925 |
|                         |                                            | 10          | —     | —     | 0.959 | 0.942 | 0.925 |
|                         |                                            | 5           | —     | 1.000 | 0.959 | 0.942 | 0.925 |
|                         |                                            | 2.5         | 0.990 | 1.000 | 0.959 | 0.942 | 0.925 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 0.990 | 1.000 | 0.959 | 0.942 | 0.925 |
|                         |                                            | -2.5        | 0.986 | 0.996 | 0.955 | 0.938 | 0.921 |
|                         |                                            | -5          | —     | 0.994 | 0.953 | 0.936 | 0.919 |
|                         |                                            | -10         | —     | —     | 0.949 | 0.933 | 0.916 |
|                         |                                            | -15         | —     | —     | —     | 0.928 | 0.911 |

### Indoor unit: 9,000 Btu/h

| Cooling                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.928 | 0.898 |
|                         |                                            | 10          | —     | —     | 0.966 | 0.936 | 0.905 |
|                         |                                            | 5           | —     | 0.991 | 0.972 | 0.942 | 0.911 |
|                         |                                            | 2.5         | 0.993 | 0.993 | 0.974 | 0.944 | 0.913 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 1.000 | 1.000 | 0.981 | 0.951 | 0.920 |
|                         |                                            | -2.5        | 1.000 | 1.000 | 0.981 | 0.951 | 0.920 |
|                         |                                            | -5          | —     | 1.000 | 0.981 | 0.951 | 0.920 |
|                         |                                            | -10         | —     | —     | 0.981 | 0.951 | 0.920 |
|                         |                                            | -15         | —     | —     | —     | 0.951 | 0.920 |

| Heating                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.942 | 0.924 |
|                         |                                            | 10          | —     | —     | 0.959 | 0.942 | 0.924 |
|                         |                                            | 5           | —     | 1.000 | 0.959 | 0.942 | 0.924 |
|                         |                                            | 2.5         | 0.990 | 1.000 | 0.959 | 0.942 | 0.924 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 0.990 | 1.000 | 0.959 | 0.942 | 0.924 |
|                         |                                            | -2.5        | 0.986 | 0.996 | 0.955 | 0.938 | 0.920 |
|                         |                                            | -5          | —     | 0.994 | 0.953 | 0.936 | 0.918 |
|                         |                                            | -10         | —     | —     | 0.949 | 0.932 | 0.915 |
|                         |                                            | -15         | —     | —     | —     | 0.928 | 0.910 |

## Indoor unit: 12,000 Btu/h

| Cooling                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.919 | 0.883 |
|                         |                                            | 10          | —     | —     | 0.962 | 0.926 | 0.891 |
|                         |                                            | 5           | —     | 0.991 | 0.969 | 0.933 | 0.897 |
|                         |                                            | 2.5         | 0.993 | 0.993 | 0.971 | 0.935 | 0.899 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 1.000 | 1.000 | 0.978 | 0.941 | 0.905 |
|                         |                                            | -2.5        | 1.000 | 1.000 | 0.978 | 0.941 | 0.905 |
|                         |                                            | -5          | —     | 1.000 | 0.978 | 0.941 | 0.905 |
|                         |                                            | -10         | —     | —     | 0.978 | 0.941 | 0.905 |
|                         |                                            | -15         | —     | —     | —     | 0.941 | 0.905 |

| Heating                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.941 | 0.924 |
|                         |                                            | 10          | —     | —     | 0.958 | 0.941 | 0.924 |
|                         |                                            | 5           | —     | 1.000 | 0.958 | 0.941 | 0.924 |
|                         |                                            | 2.5         | 0.992 | 1.000 | 0.958 | 0.941 | 0.924 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 0.992 | 1.000 | 0.958 | 0.941 | 0.924 |
|                         |                                            | -2.5        | 0.988 | 0.996 | 0.954 | 0.937 | 0.920 |
|                         |                                            | -5          | —     | 0.994 | 0.952 | 0.935 | 0.918 |
|                         |                                            | -10         | —     | —     | 0.948 | 0.932 | 0.915 |
|                         |                                            | -15         | —     | —     | —     | 0.927 | 0.910 |

## Indoor unit: 14,000 Btu/h

| Cooling                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 2.5   | 5     | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.913 | 0.873 |
|                         |                                            | 10          | —     | —     | 0.959 | 0.919 | 0.882 |
|                         |                                            | 5           | —     | 0.991 | 0.967 | 0.927 | 0.888 |
|                         |                                            | 2.5         | 0.993 | 0.993 | 0.969 | 0.929 | 0.890 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 1.000 | 1.000 | 0.976 | 0.934 | 0.895 |
|                         |                                            | -2.5        | 1.000 | 1.000 | 0.976 | 0.934 | 0.895 |
|                         |                                            | -5          | —     | 1.000 | 0.976 | 0.934 | 0.895 |
|                         |                                            | -10         | —     | —     | 0.976 | 0.934 | 0.895 |
|                         |                                            | -15         | —     | —     | —     | 0.934 | 0.895 |

| Heating                 |                                            | Pipe length |       |       |       |       |       |
|-------------------------|--------------------------------------------|-------------|-------|-------|-------|-------|-------|
|                         |                                            | m           | 3     | 7.5   | 10    | 15    | 20    |
| Height difference H (m) | Indoor unit is higher than outdoor unit *1 | 15          | —     | —     | —     | 0.940 | 0.924 |
|                         |                                            | 10          | —     | —     | 0.957 | 0.940 | 0.924 |
|                         |                                            | 5           | —     | 1.000 | 0.957 | 0.940 | 0.924 |
|                         |                                            | 2.5         | 0.993 | 1.000 | 0.957 | 0.940 | 0.924 |
|                         | Indoor unit is lower than outdoor unit *2  | 0           | 0.993 | 1.000 | 0.957 | 0.940 | 0.924 |
|                         |                                            | -2.5        | 0.989 | 0.996 | 0.953 | 0.936 | 0.920 |
|                         |                                            | -5          | —     | 0.994 | 0.951 | 0.934 | 0.918 |
|                         |                                            | -10         | —     | —     | 0.947 | 0.932 | 0.915 |
|                         |                                            | -15         | —     | —     | —     | 0.926 | 0.910 |

## 8. Additional charge calculation

### 8-1. Model: AOEG14KBCA2

|                    |   |     |
|--------------------|---|-----|
| Refrigerant type   |   | R32 |
| Refrigerant amount | g | 900 |

#### ■ Refrigerant charge

|                   |   |            |           |        |
|-------------------|---|------------|-----------|--------|
| Total pipe length | m | 20 or less | 30 (Max.) | 20 g/m |
| Additional charge | g | 0          | 200       |        |

### 8-2. Model: AOEG18KBCA2

|                    |   |       |
|--------------------|---|-------|
| Refrigerant type   |   | R32   |
| Refrigerant amount | g | 1,020 |

#### ■ Refrigerant charge

|                   |   |            |           |        |
|-------------------|---|------------|-----------|--------|
| Total pipe length | m | 20 or less | 30 (Max.) | 20 g/m |
| Additional charge | g | 0          | 200       |        |

## 9. Airflow

### 9-1. Model: AOEG14KBCA2

#### ● Cooling

|                   |       |
|-------------------|-------|
| m <sup>3</sup> /h | 1,670 |
| l/s               | 464   |
| CFM               | 983   |

#### ● Heating

|                   |       |
|-------------------|-------|
| m <sup>3</sup> /h | 1,670 |
| l/s               | 464   |
| CFM               | 983   |

### 9-2. Model: AOEG18KBCA2

#### ● Cooling

|                   |       |
|-------------------|-------|
| m <sup>3</sup> /h | 1,960 |
| l/s               | 544   |
| CFM               | 1,154 |

#### ● Heating

|                   |       |
|-------------------|-------|
| m <sup>3</sup> /h | 2,020 |
| l/s               | 561   |
| CFM               | 1,189 |

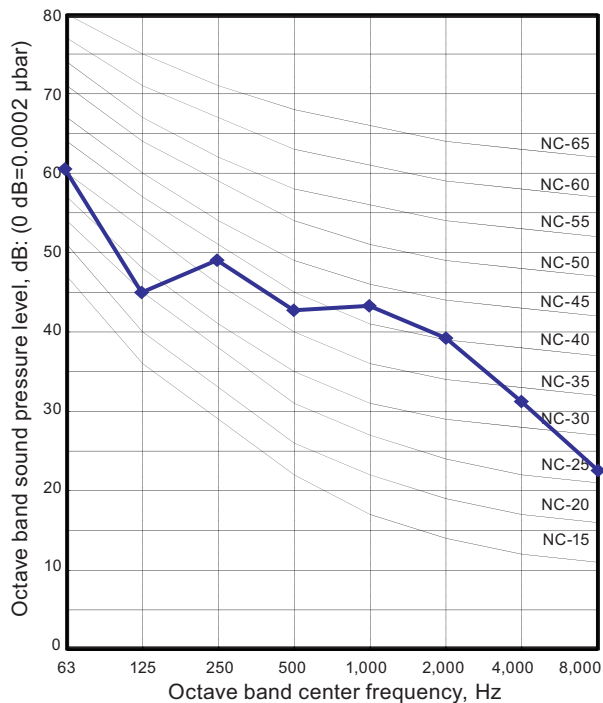


## 10. Operation noise (sound pressure)

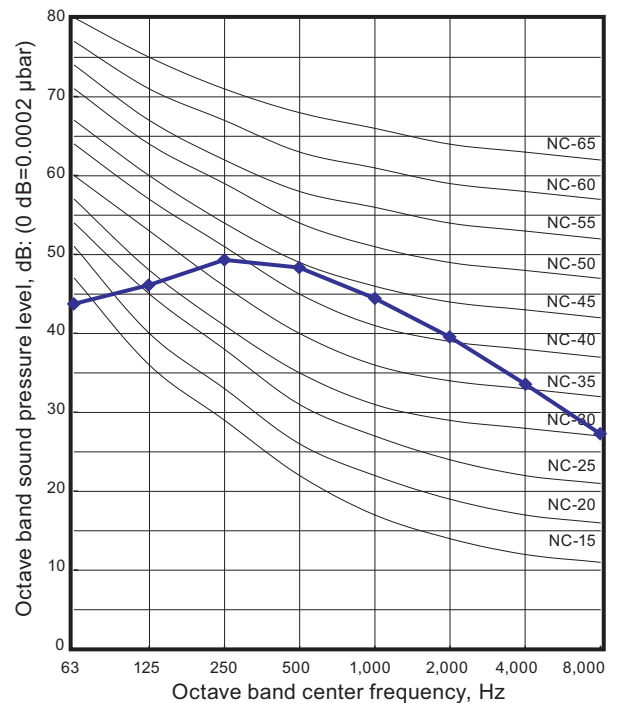
### 10-1. Noise level curve

#### ■ Model: AOEG14KBCA2

##### ● Cooling

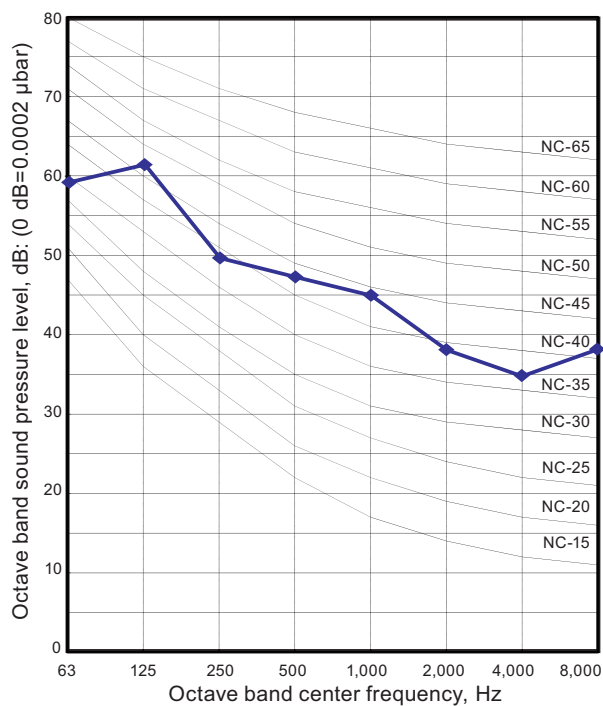


##### ● Heating

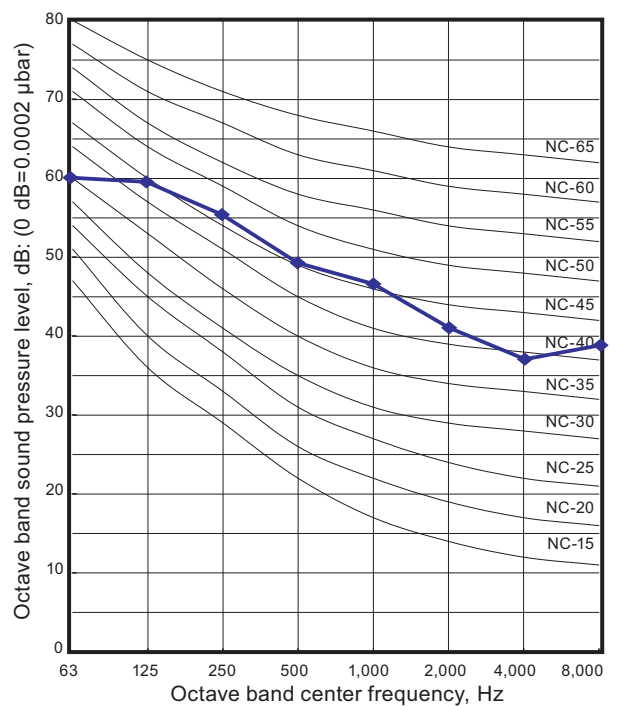


#### ■ Model: AOEG18KBCA2

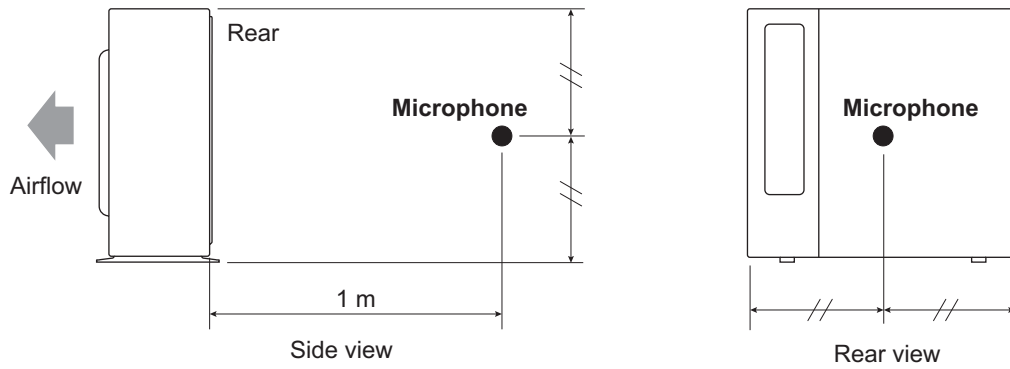
##### ● Cooling



##### ● Heating



## 10-2. Sound level check point



**NOTE:** Detailed shape of the actual outdoor unit might be slightly different from the one illustrated above.

## 11. Electrical characteristics

| Model name                   |                                     |                       | AOEG14KBCA2     | AOEG18KBCA2 |
|------------------------------|-------------------------------------|-----------------------|-----------------|-------------|
| Power supply                 | Voltage                             | V                     | 230 ~           |             |
|                              | Frequency                           | Hz                    | 50              |             |
| Maximum operating current *1 |                                     | A                     | 10.9            | 11.6        |
| Starting current             |                                     | A                     | 4.7             | 5.6         |
| Wiring spec. *2              | Main fuse (Circuit breaker) current |                       | A               | 15          |
|                              | Power cable                         |                       | mm <sup>2</sup> | 1.5         |
|                              | Connection cable *3                 | Cross-sectional area  |                 | 1.5         |
|                              |                                     | Limited wiring length | m               | 21          |

\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

\*2: Selected sample based on Japan Electrotechnical Standards and Codes Committee E0005. As the regulations of wire size and circuit breaker differ in each country or region, select appropriate devices complied to the regional standard.

\*3: This is the wiring length in case voltage descent is less than 2%. When the wiring length becomes longer, select the wiring of a more larger diameter.

## 12. Safety devices

| Type of protection    | Protection form                                                          |          | Model                                      |                                                             |
|-----------------------|--------------------------------------------------------------------------|----------|--------------------------------------------|-------------------------------------------------------------|
|                       |                                                                          |          | AOEG14KBCA2                                | AOEG18KBCA2                                                 |
| Circuit protection    | Current fuse (Main PCB)                                                  |          | 250 V, 5 A<br>250 V, 20 A<br>250 V, 3.15 A | 250 V, 5 A<br>250 V, 25 A<br>250 V, 3.15 A                  |
| Fan motor protection  | Thermal protector                                                        | Activate | 127 ±5 °C<br>Fan motor stop                | 125 ±10 °C<br>Fan motor stop                                |
|                       |                                                                          | Reset    | 95 °C or less<br>Fan motor restart         | 120 ±10 °C<br>Fan motor restart                             |
| Compressor protection | Temperature thermistor (Discharge temp.)                                 | Activate | 110 °C<br>Compressor stop                  |                                                             |
|                       |                                                                          | Reset    | After 7 minutes<br>Compressor restart      |                                                             |
|                       | Temperature thermistor (Compressor bottom temp.)                         | Activate | —                                          | 108 °C<br>Compressor stop                                   |
|                       |                                                                          | Reset    | —                                          | After 3 minutes, and<br>80 °C or less<br>Compressor restart |
|                       | Thermal protection program (Outdoor temp.)<br>(Only in COOL or DRY mode) | Activate | -20 °C<br>Compressor stop                  |                                                             |
|                       |                                                                          | Reset    | -15 °C<br>Compressor restart               |                                                             |

## 13. Accessories

### 13-1. Models: AOEG14KBCA2 and AOEG18KBCA2

| Part name           | Exterior                                                                          | Qty | Part name  | Exterior                                                                            | Qty |
|---------------------|-----------------------------------------------------------------------------------|-----|------------|-------------------------------------------------------------------------------------|-----|
| Installation manual |  | 1   | Drain pipe |  | 1   |

## 14. Outdoor unit installation precautions

**NOTE:** The information listed below are general precautions.  
Some models also include items that do not apply.

### 14-1. Places where prohibited for use

- Places where there is a danger of combustible gas leakage.
- Places where sulfur gas, chlorine gas, acid, alkali, or other matter which effects equipment is generated.
- Places affected by heat radiation from other heat sources.
- Places where the air is stagnant.
- Places where machinery which generates high frequencies is used.
- Ocean beaches and other areas where there is a lot of salt.
- Inside of vehicles, ships, and other conveyances.
- Places where voltage fluctuations are large such as a factory.

### 14-2. Points to remember when installing

- The product shall be installed at a place which can withstand the weight and vibration of the outdoor unit.
- To allow maintenance after refrigerant piping, drain piping, and the connection/installation of electric wiring, provide an maintenance space.  
Maintenance space is shown in ["Installation space"](#) on page 298.
- Be careful when installing the set at the following places.

| Condition                                     | Contents                                                                                                                                                                                                                                                                                                                                                                                                                 | Countermeasures (Reference)                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| When installed near adjacent houses.          | Perform installation work so that operating sound does not disturb the neighbors.                                                                                                                                                                                                                                                                                                                                        | <ol style="list-style-type: none"> <li>1. Install a soundproof barrier.</li> <li>2. Change the installation site.</li> </ol>                                                                                                                                                                                                                         |
| When there is the possibility of strong wind. | <ul style="list-style-type: none"> <li>• If the outdoor unit is exposed to strong wind, capacity may drop, frost may form during heating, and operation may be stopped by high pressure rise. In addition, when a very strong wind blows, the fan may be damaged.</li> <li>• When a very strong wind blows, there is the possibility of the outdoor unit being toppled over if held only by foundation bolts.</li> </ul> | <ol style="list-style-type: none"> <li>1. Install the outdoor unit with keeping a sufficient distance between the outlet side of the unit and a facing wall or fence.</li> <li>2. Make the outlet direction and wind direction perpendicular.</li> <li>3. Fasten the outdoor unit using toppling prevention hardware (purchased locally).</li> </ol> |
| When snow accumulates.                        | If the outdoor unit is covered by accumulated snow, it may not be able to operate.                                                                                                                                                                                                                                                                                                                                       | <ol style="list-style-type: none"> <li>1. Make the foundation as high as possible.</li> <li>2. Perform snow prevention work.</li> </ol>                                                                                                                                                                                                              |
| When installing the inverter type.            | It may generate noise in TV sets, stereos and PCs.                                                                                                                                                                                                                                                                                                                                                                       | The inverter type should be installed at a sufficient distance from these equipments.                                                                                                                                                                                                                                                                |