



Human sensor kit

INSTALLATION MANUAL

For authorized service personnel only.

UTY-SHZXC

1. SAFETY PRECAUTIONS

- Hand this manual to the customer to keep for future use, such as for relocating or repairing the product.

WARNING	Indicates a potentially or imminently hazardous situation which, if not avoided, could result in death or serious injury.
For the air conditioner to operate satisfactorily, install as outlined in this manual.	
Installation work must be performed in accordance with national wiring standards by authorized personnel only.	
Never touch electrical components immediately after the power supply has been turned off. Electric shock may occur. After turning off the power, always wait 5 minutes or more before touching electrical components.	
Do not turn on the power until all installation work is complete.	

CAUTION	Indicates a potentially hazardous situation that may result in minor or moderate injury or damage to property.
Do not wire the Human sensor wire together with or parallel to the connection cables, transmission cables, remote controller cables, bus wire, or power supply cables of the indoor and outdoor unit. It may cause erroneous operation.	

2. PARTS AND ACCESSORIES

- The following installation parts are furnished. Use them as required.

Name and shape	Q'ty	Application
Human sensor unit 	1	For detection of movement
Cable tie 	3	For binding wires
Strap 	1	To prevent Human sensor unit from falling
Insulation 	3	To fasten the Human sensor wire

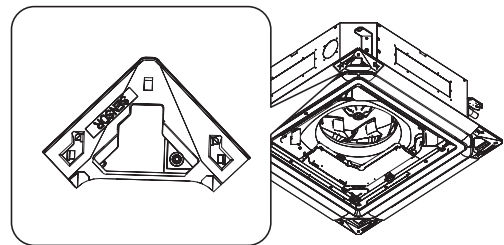
3. INSTALLATION WORK

CAUTION

- Do not hit or push the human sensor. This may lead to damage or malfunction.
- Do not touch the human sensor. Any scratches or dirt may lead to incorrect detection.
- Do not place large objects near the human sensor. Also keep heating units outside the sensor's detection area.

3.1. Human sensor unit mounting position

Mount the Human sensor unit onto the corner of the decoration panel that has the "SENSOR" mark.

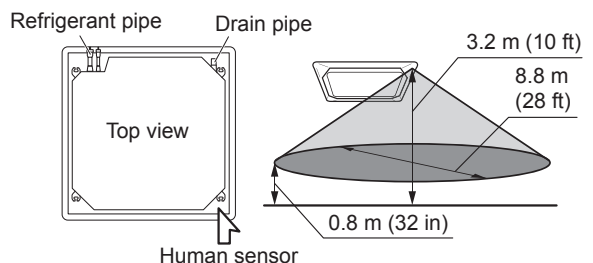


CAUTION

The Human sensor unit must be mounted onto this corner.

Example of sensitivity range:

When the installation height gets higher, the temperature sensitivity decreases.

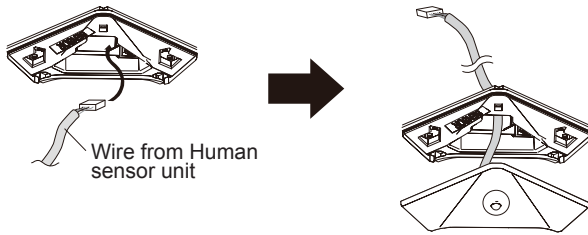


Equal sensitivity range of temperature	Ceiling height: 3.2 m (10 ft)
	Detecting position: 0.8 m (32 in) from floor surface

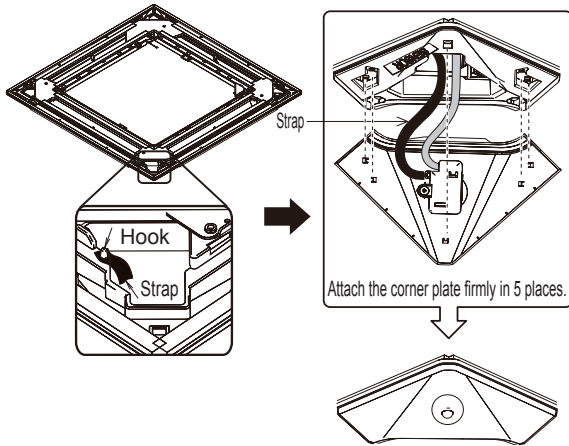
All Fujitsu General products are manufactured to metric units and tolerances. United States customary units are provided for reference only. In cases where exact dimensions and tolerances are required, always refer to metric units.

3.2. Installing the Human sensor unit

- (1) Insert the wire from the Human sensor unit into the decoration panel.



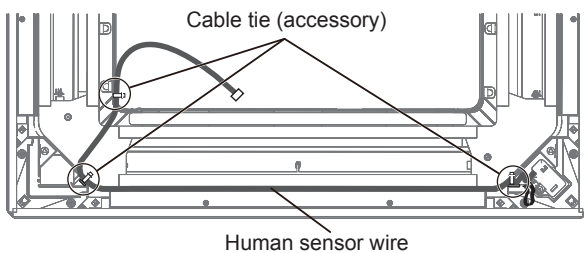
- (2) Attach the strap on the hook of the decoration panel. Mount the Human sensor unit onto the decoration panel.



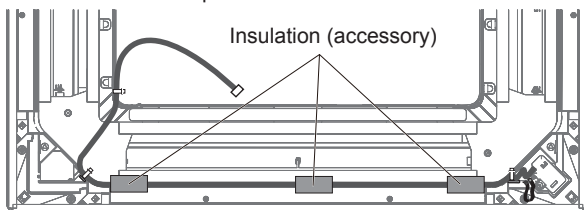
⚠ CAUTION

Be careful so that no wires or straps are caught between the panels.

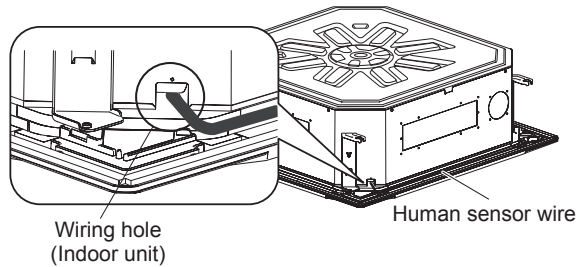
- (3) Embed the Human sensor wire along the groove of the decoration panel.
- (4) Fix the Human sensor wire with cable ties (accessories, 3 places). Cut off the excess tips of the cable ties.



- (5) Attach the insulation (accessories, 3 places). Fix firmly so that there is no space under the insulation.

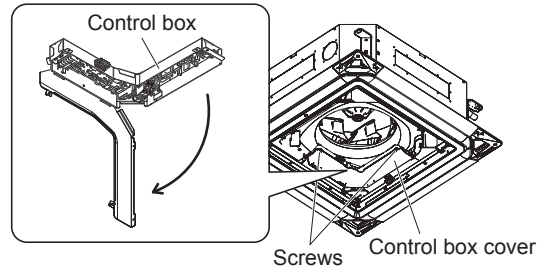


- (6) When installing the decoration panel, be sure to insert the Human sensor wire through the wiring hole of the indoor unit.



3.3. Removing the control box cover

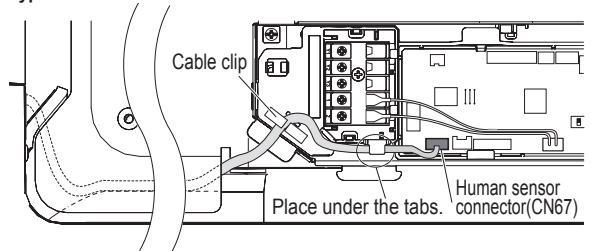
- (1) Loosen the screws.(2 places)
- (2) The control box cover will open in the direction of the arrow.



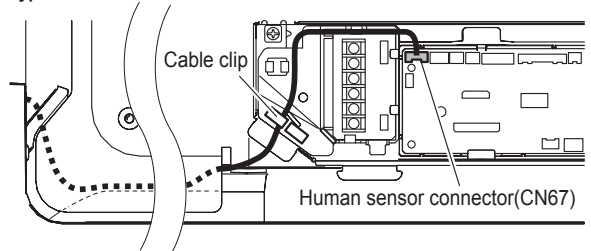
3.4. Wiring method

- (1) Connect the human sensor wire to the board in the control box.
- (2) Attach wiring as shown in the following figure.

Type A



Type B



3.5. Replacing the control box cover

- (1) Reverse the procedures in "3.3. Removing the control box cover" to replace the control box cover.

4. CHECK

- After installation is complete, check if "Human sensor" is displayed on the remote controller.
- Change the setting on the remote controller to "Enable".
 - * The human sensor will not function until the remote controller is set. For details on how to operate, refer to the Operating manual of the remote controller.