

REMOTE SENSOR INSTALLATION MANUAL

PSZ012D025

Model: SC-THB-E3

Applicable indoor unit model: FD-V series, FD-KXE6 series

Sensor (ThI-A) for return air temperature detection is located in the air inlet of the indoor unit.

Use the remote sensor kit SC-THB-E3, and install it on the suitable wall so the temperature of the room can be accurately detected.

This remote sensor kit is to be used as an alternative to the pre-installed sensor of the indoor unit.

1. Accessory parts

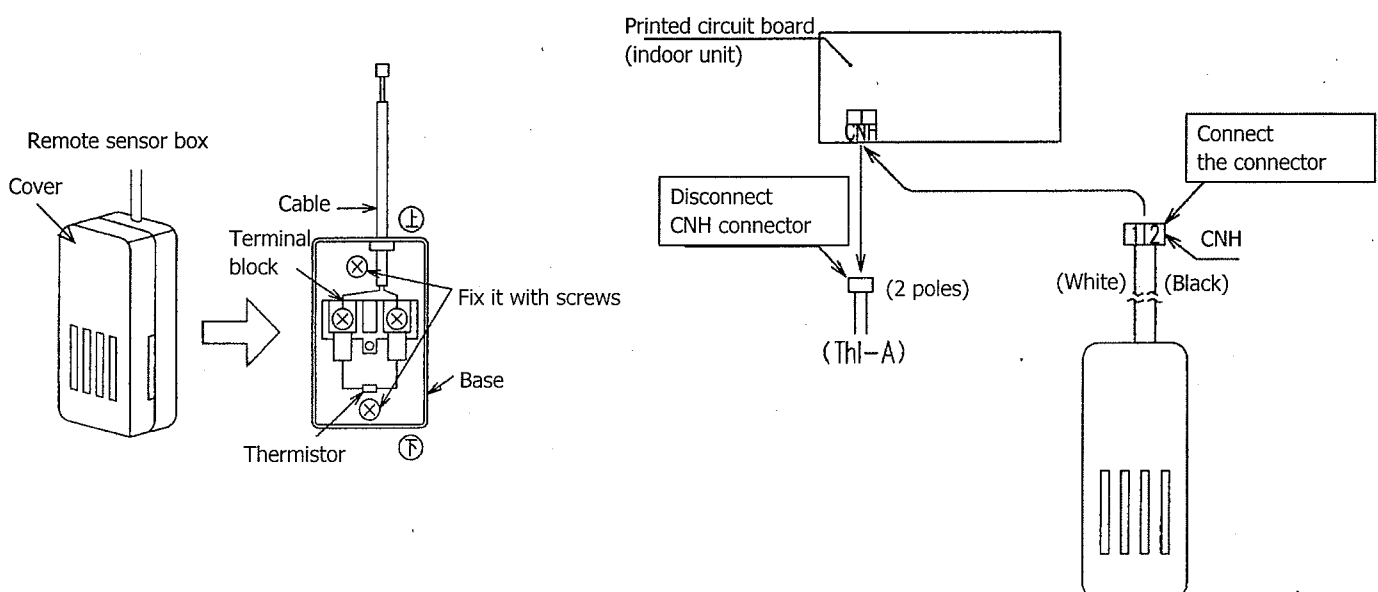
| No. | Part Name | Q'ty | No. | Part Name | Q'ty |
|-----|---------------------|------|-----|---------------------|------|
| 1 | Sensor box | 1 | 4 | Band | 1 |
| 2 | Cable (8m) | 1 | 5 | Screw (4X16) | 2 |
| 3 | Tape (Double-stick) | 1 | 6 | Installation manual | 1 |

2. Selection of installation position

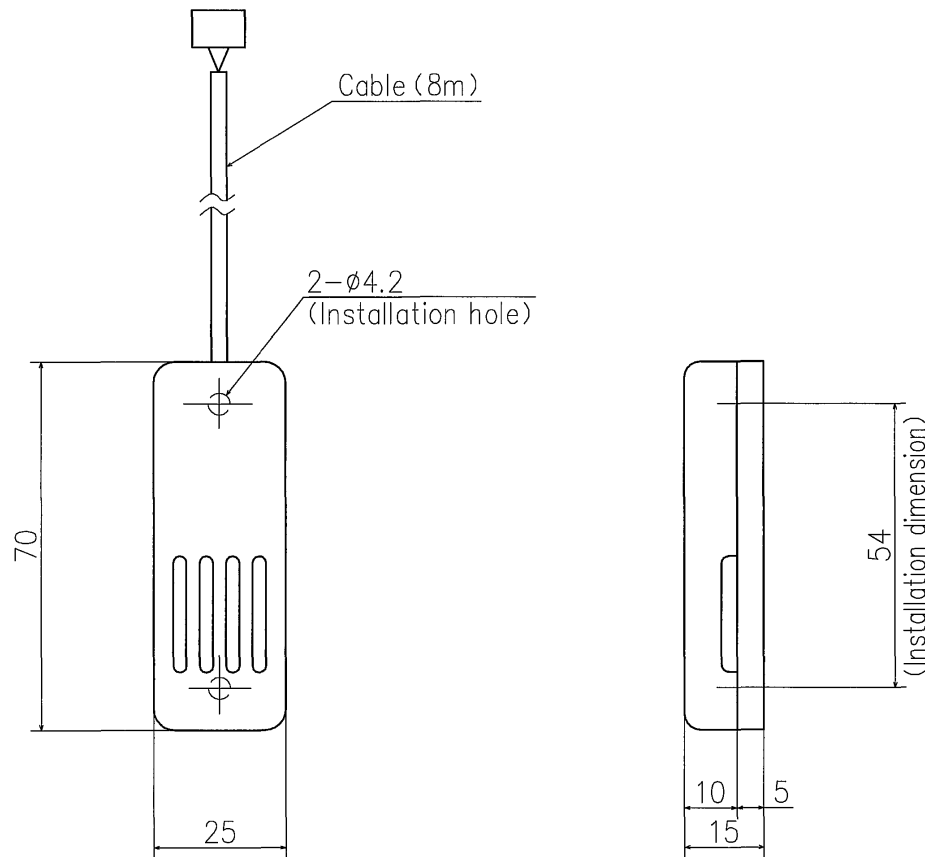
- The thermistor for detecting room temperature is located inside the remote sensor box.
- Do NOT install the remote sensor in places where :
 - average room temperature can not be detected.
 - a heat source is located nearby.
 - the wall temperature is different from average room temperature.
 - affected by the outdoor air when opening / closing the door, etc.
 - the discharge air from indoor unit blows directly.
 - covered by curtains or other obstacles.
 - exposed to the sun.
 - exposed to water, humidity or dew.
- Mount the remote sensor vertically on the wall surface, etc.
- Run the sensor cable in a place where the power cable or electrical noise will not cause any abnormal operation.

3. Installation procedure

- ① Insert the tip of slotted screwdriver to the gap between the cover and base, and twist it to disassemble.
- ② Fix the base to the wall with screws provided.
- ③ Adjust the length of the cable, and cut it off.
Connect the cable to the terminal block in the base. (Non polarity)
- ④ Attach the cover to the base.
- ⑤ Replace CNH connector (black) for ThI-A on the indoor printed circuit board with new CNH for the remote sensor.
(leave disconnected CNH for ThI-A as it is)



OUTLINE



SPECIFICATION

| | |
|-------------------------------------|---|
| MODEL NAME | REMOTE SENSOR |
| MODEL TYPE | SC-THB-E3 |
| APPLICABLE INDOOR UNIT MODEL | FD-V series FD-KXE6 series |
| DIMENSION (HxWxD mm) | 70 X 25 X 15 |
| EXTERIOR APPEARANCE (MUNSELL COLOR) | IVORY (4.4Y8.4/1.4) near equivalent |
| ACCESSORY PARTS | Sensor box Cable Tape Band Screw Installation manual |

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ROHS