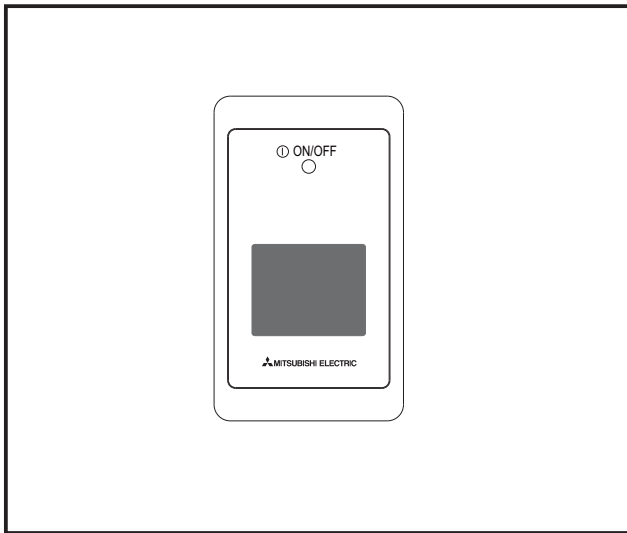




Figure



Descriptions

Enables the use of wireless remote controller.

Applicable Models

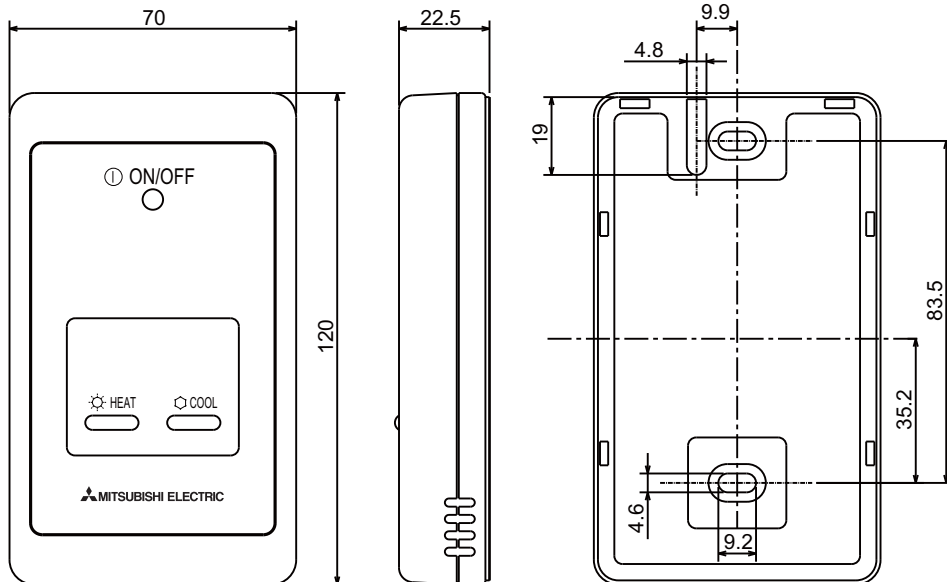
- SEZ-KD VA
- PEA-RP200/250GA

Specifications

Item	Content
external dimensions	120(H)×70(W)×22.5(D) mm
Weight	0.2kg
Power	DC12V (supplied from indoor unit control)
Temperture	0 ~ 40°C Humidity : 30 ~ 90%RH (no condensing)
Material	ABS
Colour (Munsell)	White Grey (4.8Y7.92/0.66)

Dimensions

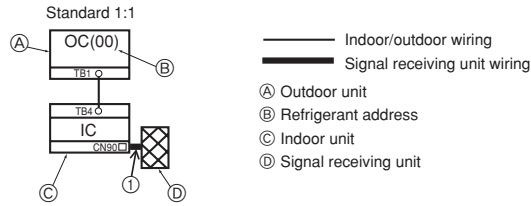
Unit : mm



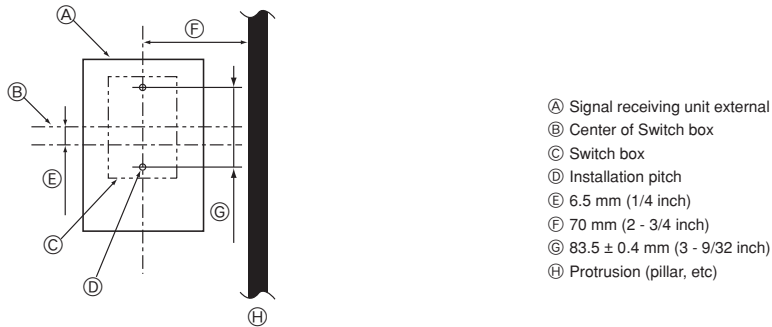
OPTIONAL PARTS

How to Use / How to Install

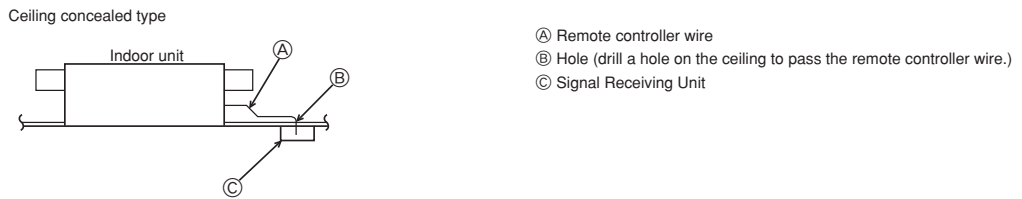
[Fig. 8-7]



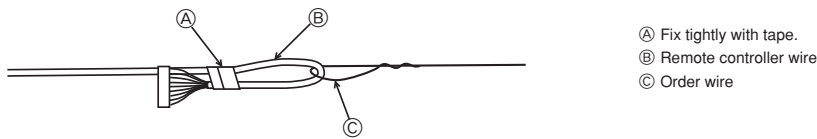
[Fig. 8-8]



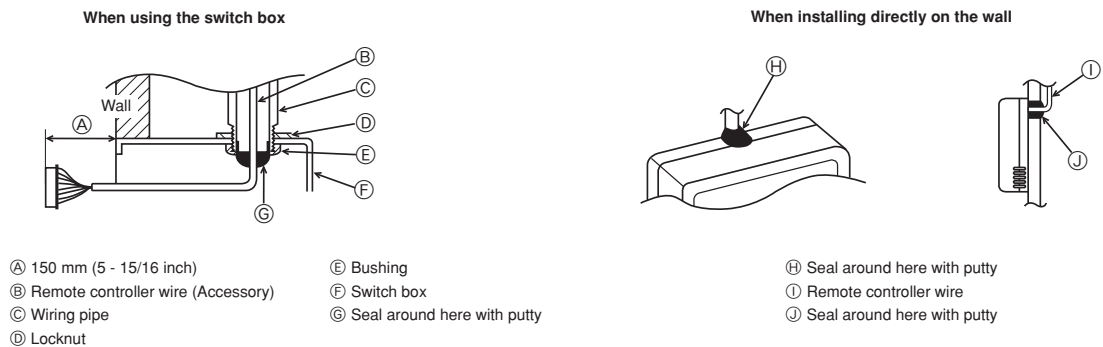
[Fig. 8-9]



[Fig. 8-10]

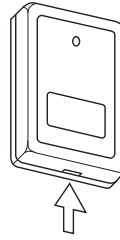
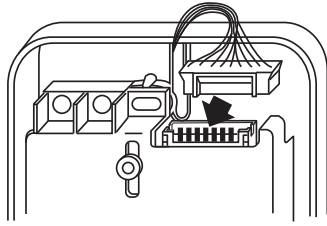


[Fig. 8-11]



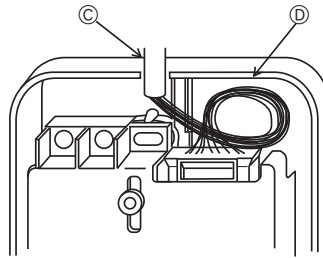
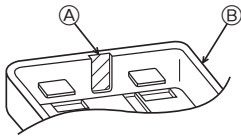
OPTIONAL PARTS

[Fig. 8-12]



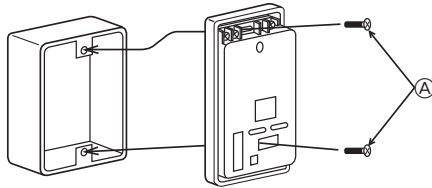
Insert the minus screwdriver toward the arrow pointed and wrench it to remove the cover.
A flat screwdriver whose width of blade is between 4 and 7mm (5/32 - 9/32inch) must be used.

[Fig. 8-13]



- Ⓐ Thin-wall portion
- Ⓑ Bottom case
- Ⓒ Remote controller wire
- Ⓓ Conducting wire

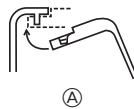
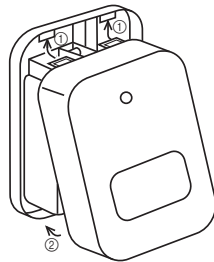
[Fig. 8-14]



Ⓐ Screw (M4 x 30)

* When installing the lower case directly on the wall or the ceiling, use wood screws.

[Fig. 8-15]



- ① Hang the cover to the upper hooks (2 places).
- ② Mount the cover to the lower case
- Ⓐ Cross-section of upper hooks

Signal Receiving Unit

1) Sample system connection

[Fig. 8-7]

Only the wiring from the signal receiving unit and between the remote controllers is shown in [Fig. 8-7]. The wiring differs depending on the unit to be connected or the system to be used.

For details on restrictions, refer to the installation manual or the service handbook that came with the unit.

1. Connecting to Mr. SLIM air conditioner

(1) Standard 1:1

- ① Connecting the signal receiving unit
Connect the signal receiving unit to the CN90 (Connect to the wireless remote controller board) on the indoor unit using the supplied remote controller wire. Connect the signal receiving units to all the indoor units.

2) How To Install

[Fig. 8-8] to [Fig. 8-15]

1. Common items for "Installation on the ceiling" and "Installation on the switch box or on the wall"

[Fig. 8-8]

- Ⓐ Signal receiving unit external
- Ⓑ Center of Switch box
- Ⓒ Switch box
- Ⓓ Installation pitch
- Ⓔ 6.5 mm (1/4 inch)
- Ⓕ 70 mm (2 - 3/4 inch)
- Ⓖ 83.5 ± 0.4 mm (3 - 9/32 inch)
- Ⓗ Protrusion (pillar, etc)

[Fig. 8-9]

- Ⓐ Remote controller wire
- Ⓑ Hole (drill a hole on the ceiling to pass the remote controller wire.)
- Ⓒ Signal Receiving Unit

(1) Select the installation site.

The following must be observed.

- ① Connect the signal receiving unit to the indoor unit with the supplied remote controller wire. Note that the length of the remote controller wire is 5 m (16 ft). Install the remote controller within the reach of the remote controller wire.
- ② When installing on either the switch box or the wall, allow space around the Signal Receiving Unit as shown in the figure in [Fig. 8-8].
- ③ When installing the Signal Receiving Unit to the switch box, the Signal Receiving Unit slipped downward for 6.5 mm (1/4 inch) as right illustrated.
- ④ Parts which must be supplied on site.
Switch box for one unit
Thin-copper wiring pipe
Lock nut and bushing
- ⑤ The thickness of the ceiling to which the remote controller is installed must be between 9 mm (3/8 inch) and 25 mm (1 inch).
- ⑥ Install the unit on the ceiling or on the wall where the signal can be received from the wireless remote controller.
The area where the signal from the wireless remote controller can be received is 45 ° and 7 m (22 ft) away from the front of the signal receiving unit.
- ⑦ Install the signal receiving unit to the position depending on the indoor unit model.
- ⑧ Connect the remote controller wire securely to the order wire. To pass the remote controller wire through the conduit, follow the procedure as shown in [Fig. 8-10].

[Fig. 8-10]

- Ⓐ Fix tightly with tape.
- Ⓑ Remote controller wire
- Ⓒ Order wire

Note:

- The point where the remote controller wire is connected differs depending on the indoor unit model. Take into account that the remote controller wire cannot be extended when selecting the installation site.
- If the Signal Receiving Unit is installed near a fluorescent lamp specially inverter type, signal interception may occur. Be careful for installing the Signal Receiving Unit or replacing the lamp.

(2) Use the remote controller wire to connect it to the connector (CN90) on the controller circuit board on the indoor unit.

Refer to the 2) Setting the Pair Number Switch for details on controller circuit board on the indoor unit.

(3) Seal the Signal Receiving Unit cord lead-in hole with putty in order to prevent the possible entry of dew, water droplets, cockroaches, other insects, etc.

[Fig. 8-11]

- Ⓐ 150 mm (5 - 15/16 inch)
- Ⓑ Remote controller wire (Accessory)
- Ⓒ Wiring pipe
- Ⓓ Locknut
- Ⓔ Bushing
- Ⓕ Switch box
- Ⓖ Seal around here with putty

- When installing on the switch box, seal the connections between the switch box and wiring pipe with putty.

[Fig. 8-11]

- Ⓗ Seal around here with putty
- Ⓓ Remote controller wire
- Ⓖ Seal around here with putty

- When opening a hole using a drill for Signal Receiving Unit wire (or taking the wire out of the back of the Signal Receiving Unit), seal that hole with putty.
- When routing the wire via the portion cut off from the upper case, equally seal that portion with putty.

(4) Install the remote control wire to the terminal block. [Fig. 8-12]

(5) Installing hole when the Signal Receiving Unit is installed on the wall direct. [Fig. 8-13]

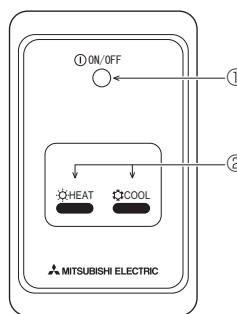
- Cut the thin-wall portion inside the bottom case (oblique section) by a knife or a nipper.
- Take out the connected remote controller wire to the terminal block through this space.

(6) Install the lower case on the switch box or directly on the wall. [Fig. 8-14] Mounting the cover [Fig. 8-15]

⚠ Caution:

- Insert the cover securely until the clicking sound is made. If not doing so, the cover may fall.

■ Emergency Operation for Wireless Remote-controller



① **ON/OFF lamp** (lit when unit is operating; unlit when unit is not operating)

② **Emergency operation**

In cases where the remote control unit does not operate properly, use either the HEAT or COOL button on the wireless remote control signal receiver to toggle the unit on or off. On cooler only units, pushing the HEAT button toggles the fan on and off.

Pressing the COOL or HEAT button selects the following settings.

Operation mode	COOL	HEAT
Preset temperature	24 °C/75 °F	24 °C/75 °F
Fan speed	High	High