

Interface adaptor for Sky Air Series

Installation manual

DTA112B51, DTA112BA51

Accessories Check if the following accessories are included in the kit.

① Adaptor x1 	② Relay PCB x1 (for models other than FFQ) 	③ Relay harness x1 (for FFQ model) 	④ PC board support x4 	⑤ Clamp material x2 	⑥ Installation manual x1
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Note Before opening control box lid, be sure cut off the all air conditioner power of indoor unit and outdoor unit, or you may get an electric shock.

1 SYSTEM OUTLINE

- By connecting this kit to an optional controller for centralized control, all units of the SKY AIR Series in the system can be controlled as a group from the optional controller.
- One kit must be installed onto the master unit of each group.

2 ELECTRIC WIRING for FFQ model

- Mount the Adaptor ① on the Indoor unit PCB by setting the triangle marks together, (Fig. 1)
- Insert the Relay harness ③ into the connector of the Adaptor ① (Fig. 2)
- Remove the remote control terminal block(X1M) from the control box mounted inside the indoor unit.
- Connect the Relay harness ③ with the terminals F1 and F2 on the terminal block(X1M), (Fig. 2)
- Mount the remote control terminal block(X1M) on the inside of the control box as it was before removing it.
- Bind the extra wires with the attached Clamp material ⑤ so that the wires do not go over the indoor unit PCB, (Fig. 3)
- Connect the wires from the terminals F1 and F2 to the centralized control, (Fig. 2)

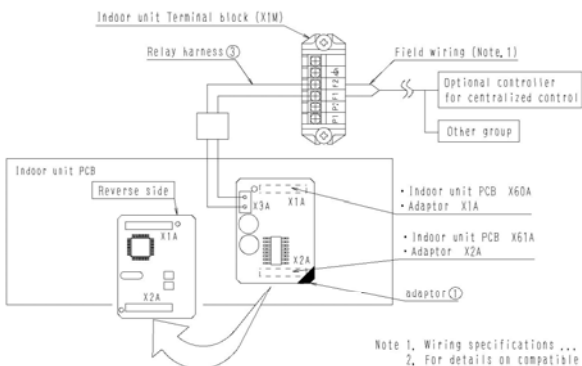


Fig. 2

Note 1. Wiring specifications ... Use a 0.75-1.25mm sheathed vinyl cord or cable (2 wires).
2. For details on compatible systems and how to connect to optional controllers, see the instruction manual of the optional controller and technical reference materials.

3 ELECTRIC WIRING for MODELS OTHER THAN FFQ

- Mount the adaptor ① on the indoor unit PCB by setting the triangle marks together, (Fig. 1 in ELECTRIC WIRING for FFQ model)
- Insert the harness from Relay PCB ② INTO the connector (X3A) of the Adaptor ①. (Fig. 4)
- Mount the Relay PCB ② on the required location referring to the figure of INSTALLATION POSITION OF Relay PCB.
- Bind the extra wires with the attached Clamp material ⑤ so that the wires do not go over the indoor unit PCB and the parts on the PCB do not get damaged.
- Connect the wires from the terminals F1 and F2 to the centralized control, (Fig. 4)

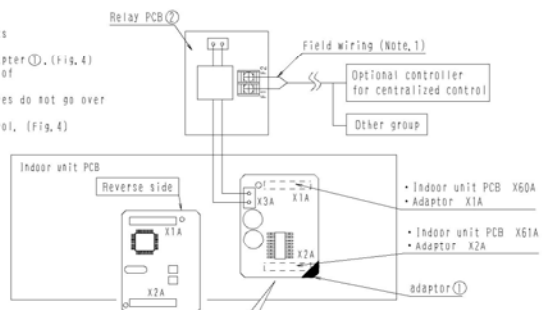


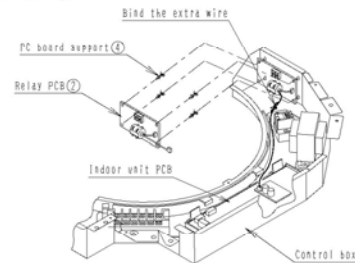
Fig. 4

Note 1. Wiring specifications ... Use a 0.75-1.25mm sheathed vinyl cord or cable (2 wires).
2. For details on compatible systems and how to connect to optional controllers, see the instruction manual of the optional controller and technical reference materials.

Installation position of Relay PCB

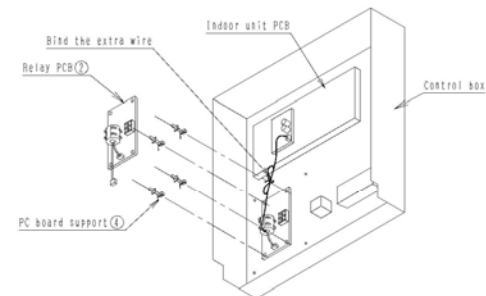
<Ceiling Mounted Cassette Type>

FCQ (Multi Flow Type)



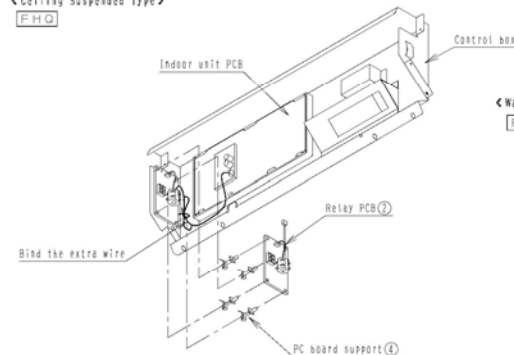
<Ceiling Mounted Built-In Type>

FBQ



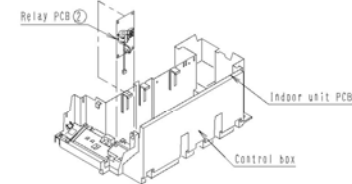
<Ceiling Suspended Type>

FHQ



<Wall-mounted Type>

FAQ



<Ceiling Suspended Cassette Type>

FUQ

