



# Selecting The Installation Site; Indoor Unit - Sanyo ECO R410A Installation Instructions Manual

Eco-i system air conditioner



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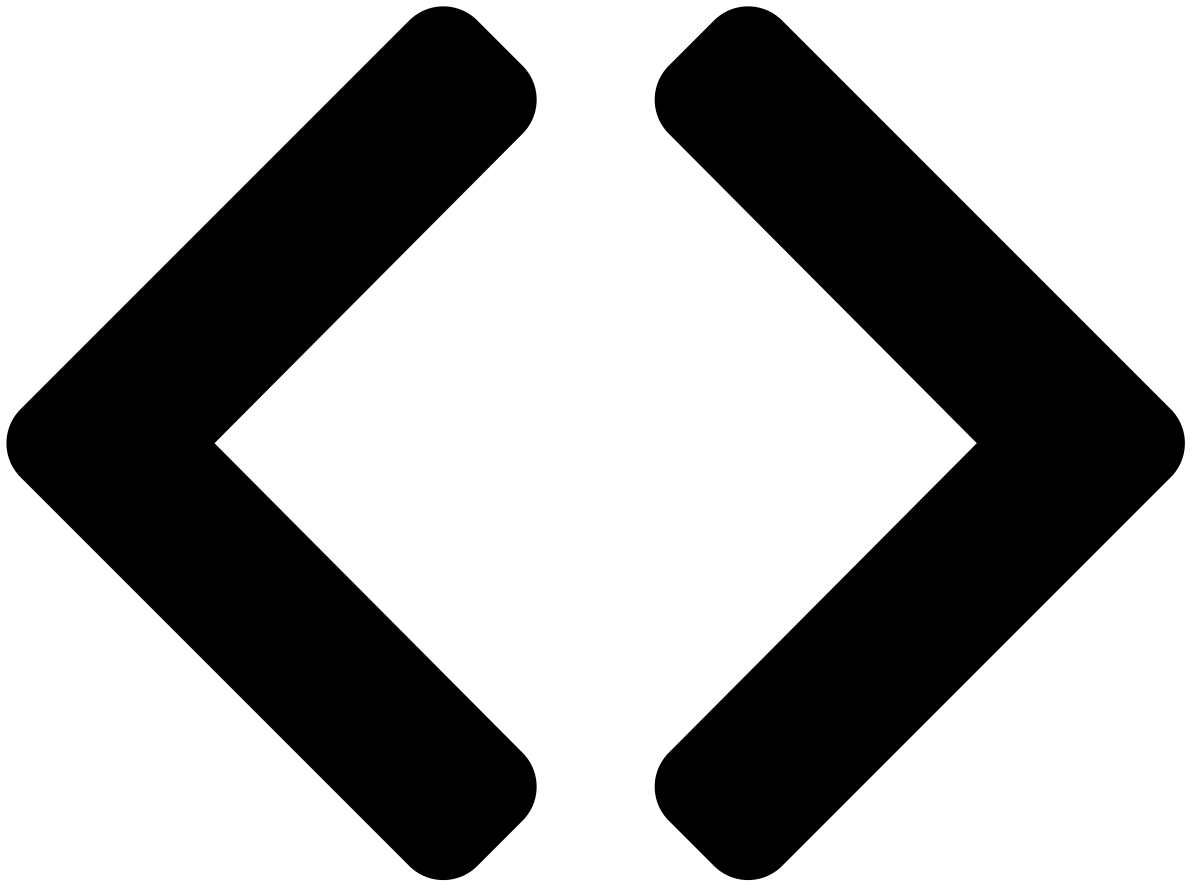
Troubleshooting

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## Bookmarks







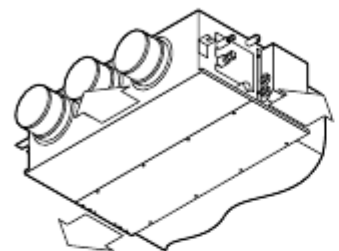
Enlarged version

## 2. SELECTING THE INSTALLATION SITE

### 2-1. Indoor Unit

#### AVOID:

- areas where leakage of flammable gas may be expected.
- places where large amounts of oil mist exist.
- direct sunlight.
- locations near heat sources which may affect the performance of the unit.
- locations where external air may enter the room directly. This may cause "sweating" on the air discharge ports, causing them to spray or drip.
- locations where the remote controller will be splashed with water or affected by dampness or humidity.



- installing the remote controller behind curtains or furniture.
- locations where high-frequency emissions are generated.

**DO:**

- select an appropriate position from which every corner of the room can be uniformly cooled.
- select a location where the ceiling is strong enough to support the weight of the unit.
- select a location where tubing and drain pipe have the shortest run to the outdoor unit.
- allow room for operation and maintenance as well as unrestricted air flow around the unit.
- install the unit within the maximum elevation difference above or below the outdoor unit and within a total tubing length (L) from the outdoor unit as detailed in the installation manual packed with the outdoor unit.
- allow room for mounting the remote controller about 3 ft. off the floor, in an area that is not in direct sunlight nor in the flow of cool air from the indoor unit.
- The elevation ((Slim) Concealed Duct) between the bottom unit and the floor surface should be at least 8 feet.
- If the elevation ((Slim) Concealed Duct) between them is less than 8 feet, install a filter (optional/field supply) or a protective device (field supply) not to touch the electrical parts or fan with hands.
- The air intake and outtake openings should be provided with the same location of a room.

Air delivery will be degraded if the distance from the floor to the ceiling is greater than 10 ft.

**(Slim) Concealed Duct Type**

10 in.  
10 in.  
10 in.

**Wall-Mounted T type**

Min.  
6 in.

**Floor-Standing, Concealed Floor-Standing Type**

min.  
3-15/16"  
min. 3.3 ft.

**Horizontal view**

**8**

3 ft.  
3 ft.  
3 ft.

**Fig. 2-1**

Min.8 ft.

**Fig. 2-2**

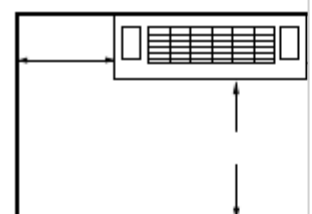
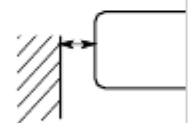
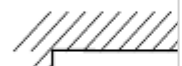
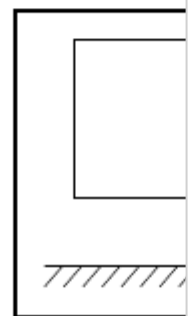
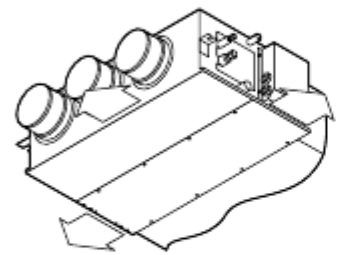
Min.6 in.

Min.  
6 in.

**Front View**

**Fig. 2-3**

min.  
3-15/16"



min. 3.3 ft.

**Vertical view**

**Fig. 2-4**

3 ft.

3 ft.



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