

Suspending The Indoor Unit - Sanyo ECO R410A Installation Instructions Manual

Eco-i system air conditioner

1

2

3

Table Of Contents

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48

--

•

[Table of Contents](#)

-

Troubleshooting

•

Bookmarks



3-2. Suspending the Indoor Unit

Depending on the ceiling type:

- Insert suspension bolts as shown in Fig. 3-3

or

- Use existing ceiling supports or construct a suitable support as shown in Fig. 3-4.

(1) When placing the unit inside the ceiling, determine the pitch of the suspension bolts referring to the dimensional data on the previous page. (Fig. 3-1 and Table 3-1)

Tubing must be laid and connected inside the ceiling when suspending the unit. If the ceiling is already constructed, lay the tubing into position for connection to the unit before placing the



unit inside the ceiling.

(2) Screw in the suspension bolts allowing them to protrude from the ceiling as shown in Fig. 3-3. (Cut the ceiling material, if necessary.)

(3) Thread the 3 hexagonal nuts and 2 washers (field supply) onto each of the 4 suspension bolts as shown in Figs. 3-5 and 3-6. Use 1 nut and 1 washer for the upper part, and 2 nuts and 1 washer for the lower part, so that the unit will not fall off the suspension lugs.



Fig. 3-7 shows an example of installation.

Air outlet duct
Air-outlet grille
Ceiling material

It is important that you use extreme care in supporting the indoor unit inside the ceiling. Ensure that the ceiling is strong enough to support the weight of the unit. Before hanging the unit, test the strength of each attached suspension bolt.

Indoor unit

Fig. 3-7

Hole-in-anchor
Hole-in-plug
Nuts and washers
(use for upper and lower)
Double nuts
Bolt anchor
Suspension bolt
Air-intake duct
Air-intake grille

10

Concrete
Insert
Suspension bolt (M10 or 3/8")
(field supply)

Fig. 3-3

Ceiling tiles
Ceiling support

Fig. 3-4

Suspension bolt
Suspension lug

Fig. 3-5

Suspension bolt
Hexagonal nut
Double nuts

Fig. 3-6

Notch

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[Previous Page](#)
[Next Page](#)

1
...
7
8
9
10
11
12
13
14

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