



Optional Parts Installation Manual of AIR OUTLET SHUTTER PLATE PAC-SJ37SP-E

Safety precautions

- Before installation, make sure you read all the "Safety precautions".
- The precautions herein provide very important points regarding safety. Make sure you follow them.
- Symbols used in this manual are categorized as follows according to the degree of risk when used improperly:

Warning	Describes precautions that must be observed to prevent danger of injury or death of the user.
Caution	Describes precautions that must be observed to prevent damage to the unit.

- After installation, describe the user "Safety precautions", how to use, and how to care for and clean the unit following the operation manual, and test run the unit to confirm whether there are any problems.
- In addition, direct the user to keep this installation manual together with the operation manual, and, should the users change, to give the manuals to the new user.

Warning

Ask the dealer or an authorized technician to install the unit.

- If the unit is installed improperly by the user, water leakage, electric shock, or fire may result.

Installation must be properly done following this installation manual.

- If the unit is installed improperly, water leakage, electric shock, or fire may result.

Before installation (Relocation) and electrical work

Caution

Do not use the unit in an unusual environment.

- If used in an environment with a large amount of volatile oil (including mechanical oil), steam, or sulfidizing gas or where it is high in salt content such as a seashore where the outdoor unit may become blocked by snow, performance may drop significantly or parts may become damaged.

Make sure that heat insulation for refrigerant piping is properly installed to prevent bedewing.

- If heat insulation is not done properly, bedewing of the surfaces such as piping may result, which will make the ceilings, floors, or other valuable items wet.
- Insulation for the joint part must be done after an airtightness test.

Do not place polyethylene bags in reach of young children.

- Putting them over head will block breathing passages, which could result in suffocation.

Use proper electrical cables to meet the standard for current capacity.

- If improper electrical cables are used, short circuit, electric shock, or fire may result.

Drain piping must be done properly according to the installation manual to drain water and must be heat insulated to prevent bedewing.

- If piping is not properly installed, water leakage may result, which will make the ceilings, floors, or other household items wet.

Checking for provided parts

Make sure that the parts shown on the right are in this bag, along with the instruction sheet.

Part #, Name	① Shutter plate	② Shutter plate
Q'ty	2	1
Figure		

[Remarks]

- When set to "2 ways", the unit cannot be used with the optional high efficiency filter element.
- When this air outlet shutter plate is installed, a draft reduction setting is not available.

Air-outlet shutter plate Installation Manual

1. Locate the Shutter Plate installation position

- This is a part which is used to convert the number of air-outlet from "4 ways" to "3 ways" or "2 ways".

Note: Convert to "1 way" is not available.

- Select the outlet direction and decide the outlet to be closed.

Notes:

- When the number of outlet is selected to "2 ways", be sure to explain to the customer that the filter should be cleaned once a month. (Otherwise, the filter will be clogged, and the performance of the cooling and heating can be lower.)
- When the number of outlet is selected to "3 ways" or "2 ways", the operation noise can be larger.
- Never to select "2 ways" in the environment of high temperature and high humidity. (It can cause dew drops.)

2. Installation of shutter plate (Fig.1)

- Install the shutter plate to the indoor unit so that it can fit the air-outlet concave portion.

Notes:

- Install one piece of Shutter plate ① per one air-outlet.
- The installation should be done before the grille is installed.
- The shutter plate must be installed not to cause wrinkle or gap. (It can cause dew drops.)
- When attaching the shutter plate to the blow outlet (marked ★) between the refrigerant piping and the drain pump, attach the shutter plate ②.

3. Function setting

- When the number of air-outlet is changed, it is necessary to make function selection. For the setting method, refer to the installation manual of the main unit.

4. Setting of the auto vane (Fig.2)

- It is possible to fix the auto vane of the grille to the fully closed position, which is applied to the air-outlet installed on the shutter plate. Once the auto vane is fixed, the operation of a remote controller and all of automatic control will not be available.

Note that the fixed vane angle differs from the one which is displayed on the remote controller.

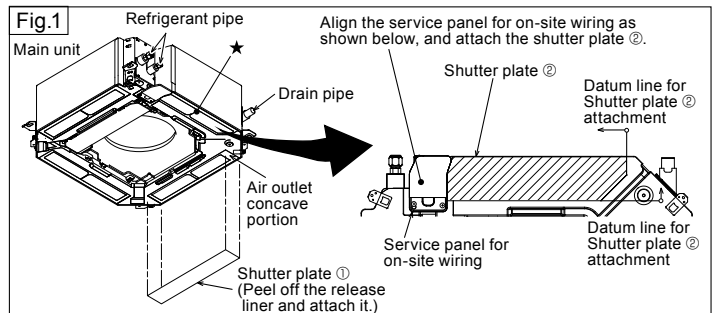
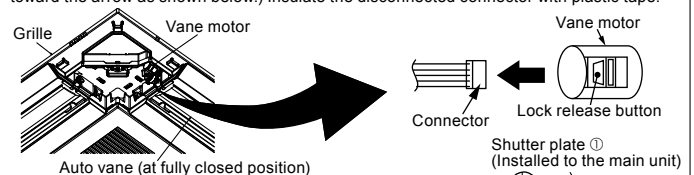


Fig.2

- Turn OFF the main power (earth leakage breaker).

Warning Turn OFF the main power. The fan of the unit will run, which can cause accident or electric shock.

- Disconnect the vane motor connector from the grille of which the shutter plate ② is attached to its air outlet. (To disconnect, press the lock release button while pulling the connector toward the arrow as shown below.) Insulate the disconnected connector with plastic tape.



- Slowly move the auto vane of which the shutter plate is attached to its air outlet, and fully close.

Caution Do not fully close the auto vane if no shutter plate ① is attached to its air outlet. Otherwise, dew formation or dew drop, or a unit malfunction may result.