

Hisense

INSTALLATION MANUAL

Air Outlet (Return) Panel

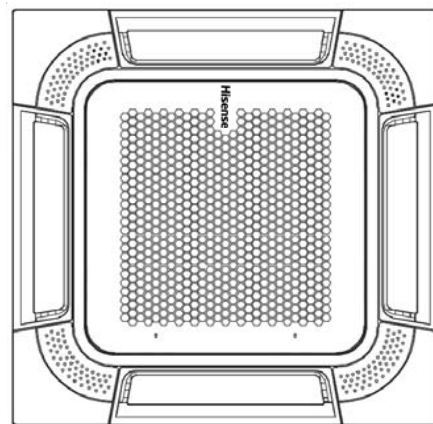
Model:HPE-D-NK

IMPORTANT NOTICE

- The use of standard air panel is elaborated with the following instructions. Incorrect operation or failure to follow these instructions may lead to unsatisfactory result or bring about hazard. Proper operation can't be guaranteed in such cases.
 - Hisense shall not be held responsible for any consequence of equipment modification by user.
 - All data given in this manual is based on the latest products. Hisense reserves the right to change the Manual at any time without prior notice, and shall entertain no liability.
 - No part of this manual can be reproduced without our written consent.
 - Signal words (DANGER, WARNING and CAUTION) are used to identify levels of hazard seriousness. Definitions for identifying hazard levels are provided below with their respective signal words:
 - WARNING** : Hazards or unsafe practices which COULD result in severe personal injury or death.
 - CAUTION** : Hazards or unsafe practices which COULD result in minor personal injury or product or property damage..
 - NOTE** : Useful information for operation and/or maintenance.
- This manual should be considered as a permanent part of the air conditioning equipment and should remain with the air conditioning equipment.

CHECKING PRODUCT RECEIVED

- Upon receiving this product, inspect it for any shipping damage. Claims for damage, either apparent or concealed, should be filed immediately with the shipping company.
- Check whether the model numbers and quantity of the equipment and accessories are correct.



IMPORTANT:

Please read and understand this manual before installation of the air panel
Keep this manual for future reference.

1. Before Installation

CAUTION

Please put the unpacked panel on cushioning material to avoid hard object-induced scratch.

- Factory-supplied accessories:
Please confirm the panel accessories:

Accessory	Q'ty	Purpose
Long Screw (M6×50)	4	Fixing the panel
Instruction manual	1	Installation guide

2. Installation

CAUTION

Please don't turn the louver by hand, since this may cause damage to louver mechanism.
Do not apply any force to air outlet parts, since this may cause damage to panel.

2.1 Location of Suspension Bracket

Please refer to the Indoor Unit Installation & Maintenance Manual for further information about the mounting height of indoor unit suspension bracket.

Do not touch the louver during installation.

2.2 Removing Air Intake Grille via Panel

Step 1

Remove the air intake grille. Push the grab of air intake grille away in the direction of arrow as shown in the figure, and open the air intake grille until its angle to panel surface is approx. 45°.

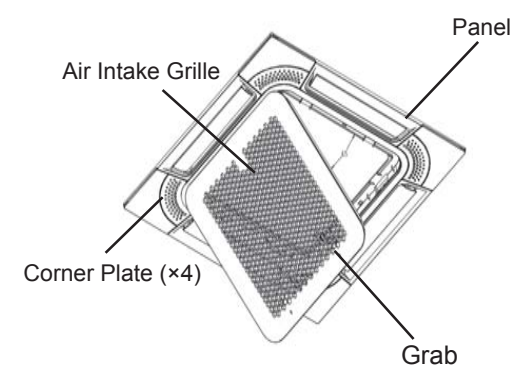


Fig. 2.1 Method for Removal of Air Intake Grille

CAUTION

Please don't attempt to pull out the air intake grille when its angle to panel surface is 90°.

Step 2

Hold the slope while putting up the air intake grille.

Step 3

Draw the air intake grille out forward.

2.3 Panel Installation

Step 1

Remove the corner plate. Pull part ① in the direction of arrow shown in the figure below to remove the corner plate.

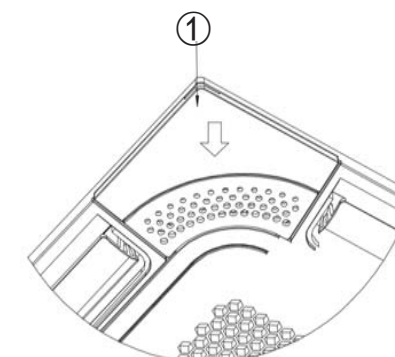


Fig. 2.2

Step 2

Please adjust and align the point indicating "Ref. Pipe Refrigerant Piping" on panel to the refrigerant piping of indoor unit.

Step 3

Please fasten the panel to the suspension leg of indoor unit through long screws (M6, cross) delivered as panel accessories.

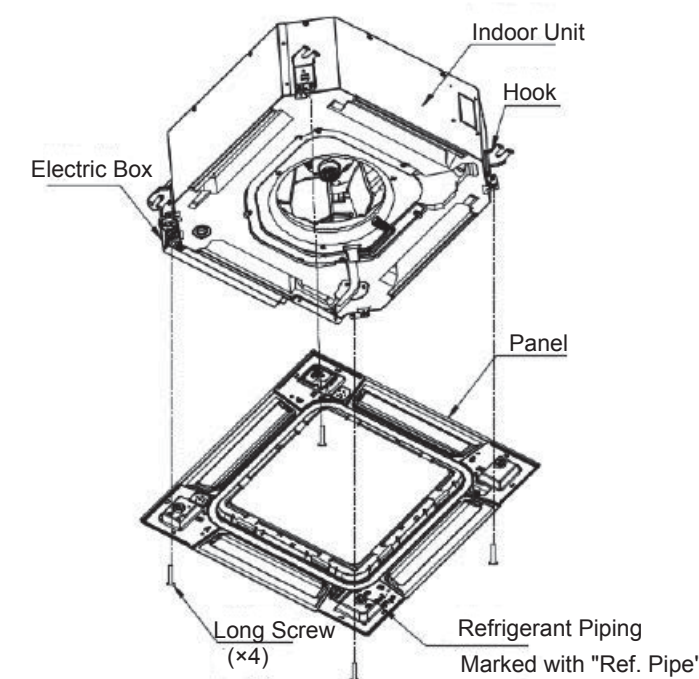


Fig. 2.3 Installation

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Step 4

Make sure the distance between bottom surfaces of indoor unit and ceiling is 30mm (see Fig 2.4 below).

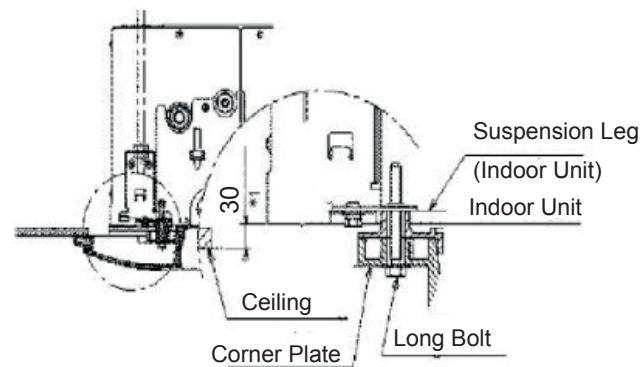
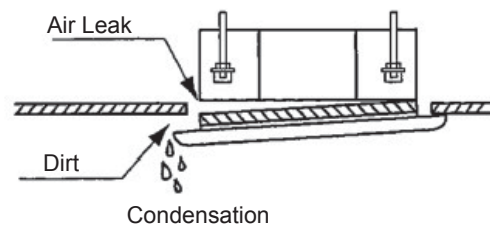


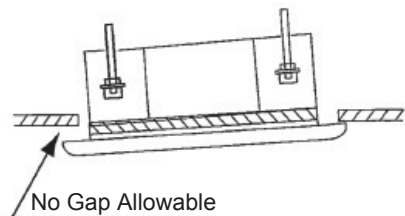
Fig. 2.4 Side View of Panel

CAUTION

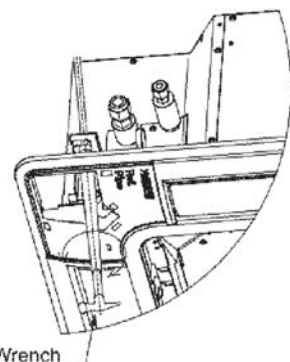
- Fasten the long bolts. The inadequate fastening of long bolts for panel may result in the defects shown in the figure below.



- Please adjust the body height of indoor unit if there is still a gap between panel and ceiling after the adequate fastening of long bolts for panel.

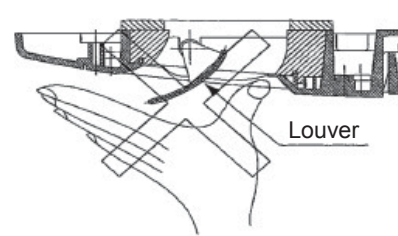


- The indoor unit body height can be directly adjusted via the corner hole of properly fastened panel provided that the indoor unit body levelness and drain pipe, etc. are not affected.



※ Please note that excessive adjustment of body height may cause water to run out of water pan.

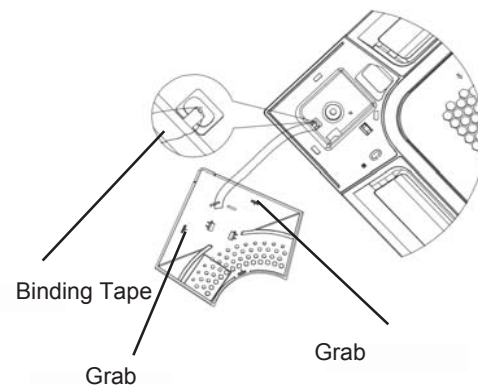
- Please don't turn the louver by hand, since this may cause damage to louver mechanism.



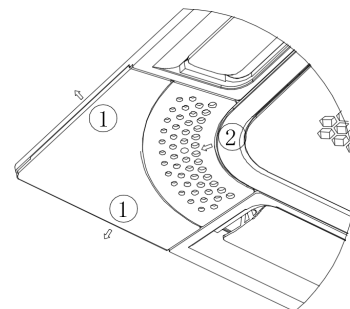
Step 5

Please reinstall the corner plates (×4) after the installation of panel.

- 1) Please hang the binding tape at inner side of corner plate by the panel grab as shown in the figure below.

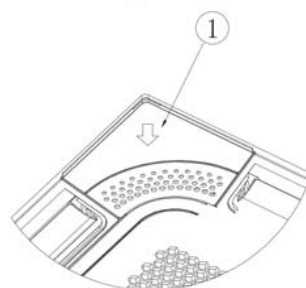


- 2) Insert grab ① (×2) outside corner plate into the panel, and insert grab ② (×1) inside corner plate into the panel.



Reference

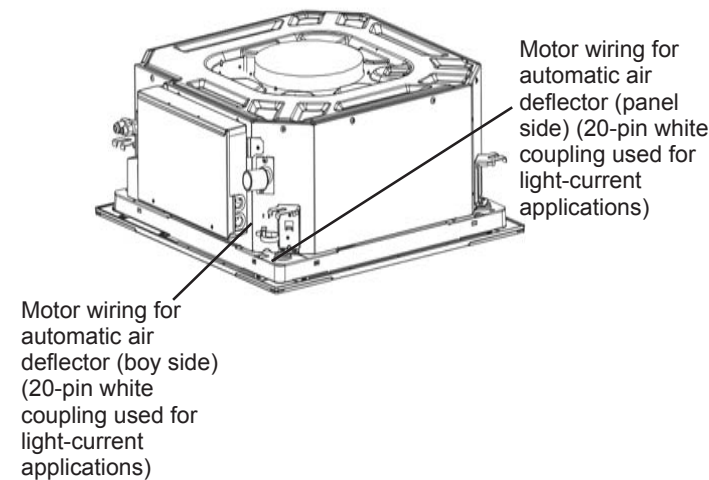
Corner plate removal procedure upon completion of panel installation: Pull corner plate ① in the direction of arrow to remove it.



3. Wiring of Panel

Step 1

The panel is designed with the coupling shown in the figure below. Tear off the adhesive tape fixing the coupling, lead it out and connect it to the body coupling as shown in the figure below.

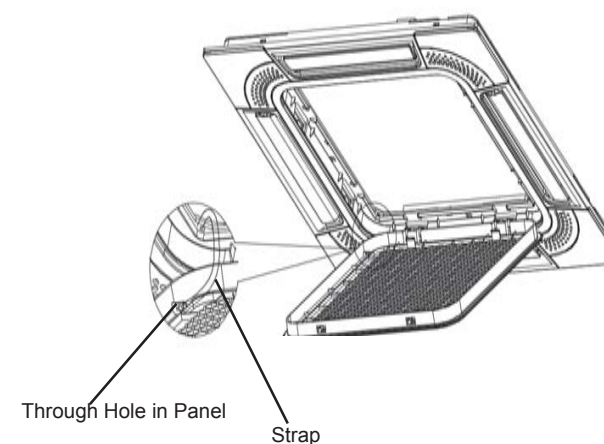


CAUTION

Please turn power off before the connection of coupling, since the connection of coupling without power supply turned off may result in malfunction of auto-turning louver.

Step 2

Install the air intake grille upon completion of wiring. Mount the strap hook of part ① in panel hole during installation as described in Section 2.2. The air intake grille can be installed in any of the 4 directions by rotating it. Where several indoor units are installed simultaneously, the air intake grille installation direction can be freely selected.



4. Test Run

The installed panel shall be subjected to test run as per the Installation & Maintenance Manual.

5. Louver Adjustment

Step 1

Please turn on main power supply.

Step 2

Please press the "ON/OFF" key on remote control to bring the machine into operation.

Step 3

Press "Lou" key, and select "Auto Swing". The louver begins to swing automatically. Press the key again, and the louver will stop swinging.

Step 4

LCD screen shows the location of louver in real time.

(Auto Swing)



Continuous Change of Position

(Louver position fixed)



Show Location of Louver

CAUTION

- Appropriate air flow direction is dependent on the mounting position, room structure, and furnishings, etc. Please adjust the air flow direction in the case of poor refrigeration or heating effect.
- The louver location displayed on LCD may be different from its actual location. The louver location shall be set based on the location displayed on LCD when the louver angle is fixed.
- The louver will not stop immediately when auto swing is stopped by pressing "Lou" key.
- Refrigeration in a space where the humidity is higher than 80% may result in condensation on panel and louver.



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