



GRILLE

(3D flow cassette type)

INSTALLATION MANUAL

For authorized service personnel only.

UTG-US*A-W

1. SAFETY PRECAUTIONS

! WARNING	Indicates a potentially or imminently hazardous situation which, if not avoided, could result in death or serious injury.
	For the air conditioner to operate satisfactorily, install as outlined in this manual.
	Do not turn on the power until all installation work is complete.
	Never touch electrical components immediately after the power supply has been turned off. Electric shock may occur. After turning off the power, always wait 5 minutes or more before touching electrical components.

! CAUTION	Indicates a potentially hazardous situation that may result in minor or moderate injury or damage to property.
	The louver angle cannot be changed if the power is not on. (If moved by hand, it may be damaged.)
	Installation must be done by two people.
	Please refer to the installation manual attached to the indoor unit during installation.
	Hand this manual to the customer to keep for future use, such as for maintenance.
	Do not suspend very heavy weights from the intake grille.

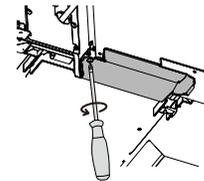
2. ACCESSORIES

The following installation parts are furnished. Use them as required.

Name and shape	Q'ty	Application
Installation Manual 	1	(This manual)
Hexagon Screw 	4	For mounting grille
Washer 	2	For mounting grille
Tap tight screw 	3	For installing grille holding wire
Cable tie 	1	To fix the wires

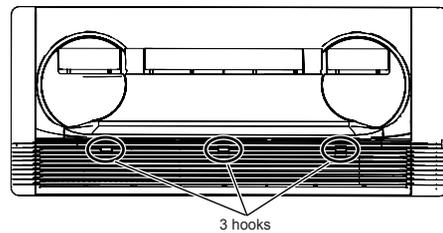
3. INSTALLATION PROCEDURE

Before installing the grille, loosen one screw on the right side of the indoor unit to remove the cover.

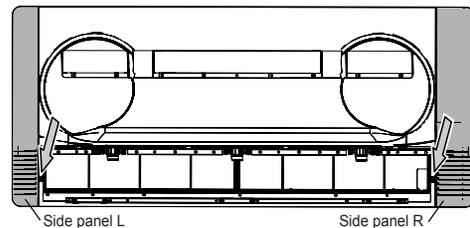


3.1. Removing the intake grille and side panels

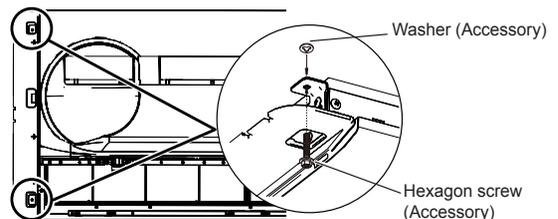
(1) Remove three hooks and remove the intake grille.



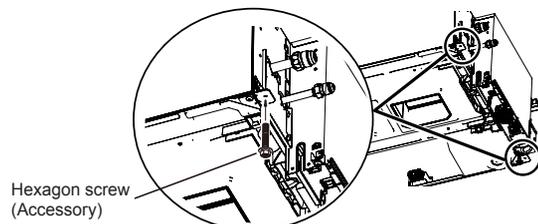
(2) Remove two screws, and remove the side panels (L and R).



(3) As shown in the diagram, insert two hexagon screws into the holes and attach the washer so that it does not fall.



(4) For the corresponding two holes on the other side, fix the hexagon screws (Accessory) temporarily to the indoor unit.



English

Deutsch

Français

Español

Italiano

Ελληνικά

Portugués

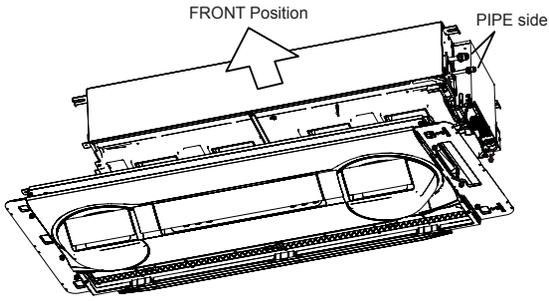
Русский

Türkçe

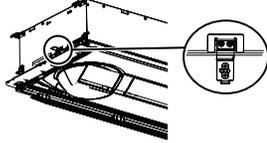
3.2. Installing the grille to the indoor unit

When installing the indoor unit, refer to the instructions on the installation manual of the indoor unit.

- Install the grille to the indoor unit.
 - The grille can be attached on back to front. Ensure the FRONT Position of the PIPE side, and attach the grille in the orientation as shown in the diagram.



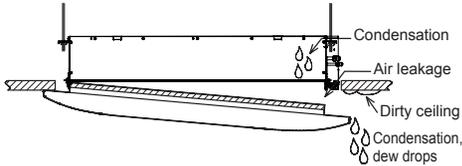
- Attach the grille temporarily at a place with metal fittings.



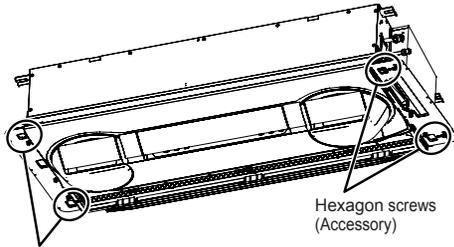
- As the other side has the hexagon screws (Accessory) fixed temporarily, insert the screw to the keyhole and fix it.

CAUTION

- Use only the supplied screws to install the grille.
- Install so that there is no gap between the grille and the indoor unit.
- If there is a gap, an error will occur as shown in the diagram below.

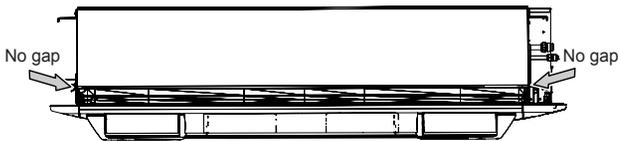


- Fix four locations shown in the diagram with the hexagon screws (Accessory).
 - Tighten the 4 hexagon screws.

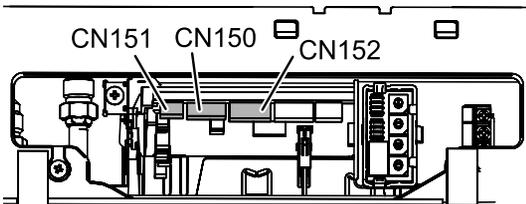


Hexagon screws (Accessory)

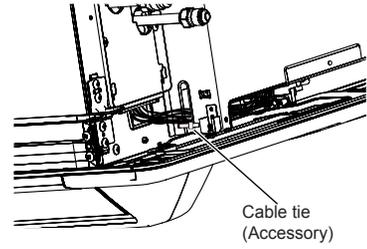
- Ensure that there is no gap between the indoor unit and the grille at these four locations.



- Connect three cables to the connectors shown below (CN150, CN151, and CN152).

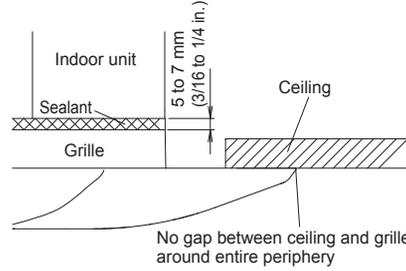


- As shown in the diagram, fix the routing cables by passing them through the hole and using a cable tie so that they will not droop down.



Cable tie (Accessory)

- Tighten the screw until the seal material between the grille and the indoor unit is compressed to a thickness of 5 to 7 mm (3/16 to 1/4 in.).

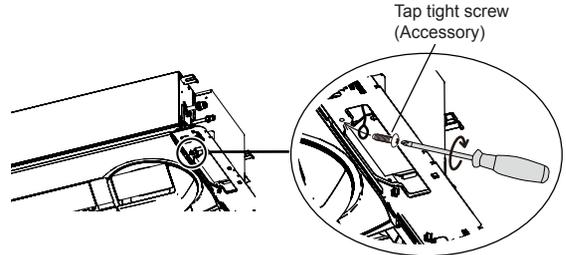


No gap between ceiling and grille around entire periphery

- Attach the circuit board cover that was removed in the previous step.

3.3. Attaching the intake grille and side panels

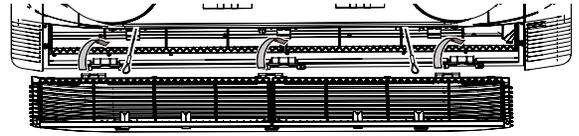
- On R side of the side panel, fix the hook wire hanging from the indoor unit with the tap tight screw (Accessory).



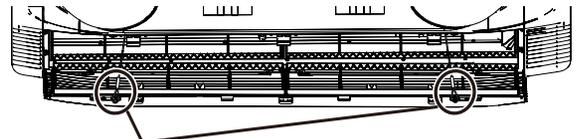
Tap tight screw (Accessory)

- Fix the side panels L and R with the screws.

- Attach the intake grille and fix two wires.

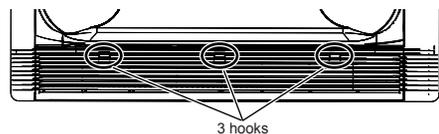


Use the tap tight screw (Accessory) to fix the wires as shown in the diagram below.



Tap tight screw (Accessory)

- Finally, fix three hooks on the intake grille.



3 hooks

CAUTION

Install the grille holding wire to the intake grille. If it falls, it may cause injuries.