

4 Mounting the protection net, decoration side panel, suction grille

- (1) Remount the control box side protection net which was removed according to the procedure described in 2. (Fig. 9)
- (2) Mount the attached protection net (9) with one screw. Firmly bind the protection net (9) and the control box side protection net with the clamp 5 at the location mentioned in (Fig. 9).
- (3) Making reference to the indoor unit installation manual, mount the decoration side panel and suction grille in the reverse order carried out for removing them. - Give caution not to sandwich the wiring when mounting the protection net.

FHA100・125・140

FHA60・71

FHA35・50

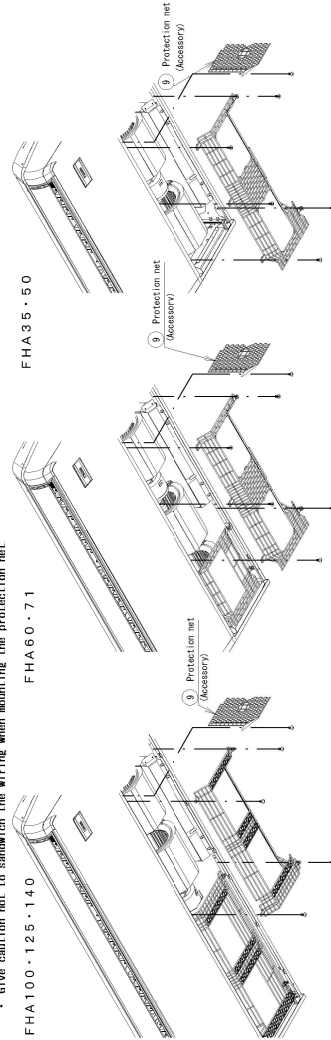
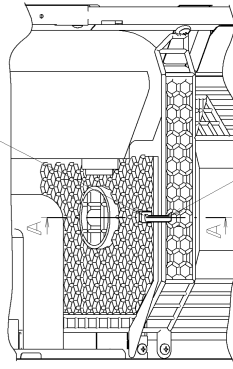


Fig. 9

Fig. 9

Fig. 9

Tighten the clamp so that its binding position comes to the side of the protection net.



Direct the out face of the clamp as shown below.

① Protection net (Accessory)

Section A-A

5 Test operation

Gradually pour 1 liter of water from the air outlet into the drain pan. And confirm drainage by followed method. (Fig. 10)

When the wiring work is finished

- (1) After making sure that the power supply is turn off, remove the control box cover and reconfirm that the indoor unit is properly installed.
- (2) After having confirmed that the cover is closed, turn on the power supply and start cooling operation. Then, confirm that the condensate from the indoor unit is properly drained and no water leakage is found.

When the wiring work is not finished

- Make certain that all electric wiring work is carried out by qualified personnel according to the applicable legislation (note 1) and this installation manual, using a separate circuit.
- Do not connect the indoor unit to the power supply until the indoor unit is properly installed and the drain pan is confirmed to be properly installed.
- Do not turn on the power supply (outdoor unit) until all the works are finished.
- After electric wiring work, refer to also the "WIRING DIAGRAM" attached to the control box lid.
- After making sure that the power supply is turn off, remove the control box cover. Then, connect the single phase 200-240V power supply to the terminals 1 and 2 on the terminal, and the earth wiring to the earth terminal (Fig. 11).

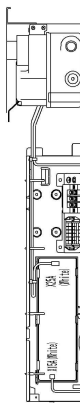


Fig. 10

Fig. 11

- Do not connect the power supply to the terminal 3. (The drain pump does not operate). If connected, the PMS of the indoor unit may be broken.
- For safety, make sure to turn on the power supply after the control box cover is securely closed. Only the drain pump will operate for 10 minutes. Therefore, confirm that water is securely drained and no water leakage is found.
- After the confirmation of drainage is finished, turn off the power supply and remove the power supply wiring.

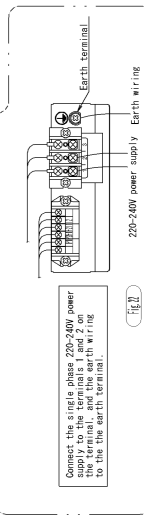


Fig. 12

Fig. 12

Fig. 12

- (2) Insert the drain hose (2)(external) into the metal clamp (3), firmly insert the drain hose (2)(external) all the way into the drain socket of the drain pump kit, and wrap it firmly with the metal clamp (3) within the area designated by the black tape on the hose end. (Fig. 13)
- (3) Put the attached insulating material (8-2) to the drain hose (2)(external) connector as shown in (Fig. 13).
- (4) Connect the attached drain hose (2)(internal) completely to the root of the indoor unit drain socket and the drain pump kit socket. Arrange both the tightened (Fig. 13) ends to be located on the control box side and let the tightened part position at the center of the side. (Fig. 13)
- (5) Fold the tip of the metal clamp (3) so that the insulation to be wrapped later may not rise.
- (6) Insulate the drain hose (2)(internal) set by (4) with the attached insulating material (8-2). Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain. Wrap the sealing material around the metal clamp of the drain hose. (Fig. 13)

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

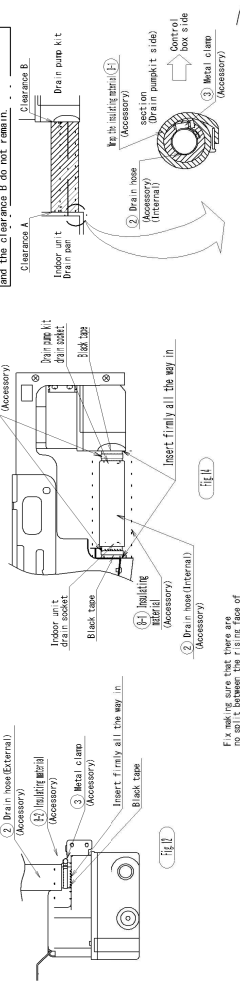


Fig. 13

Fig. 13

Fig. 13

Fix the metal clamp (3) so that the insulation to be wrapped later may not rise.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

Stick the both hose ends tightly to the drain pan and the drain pump unit so that the clearance A and the clearance B do not remain.

Wrap the sealing material around the metal clamp of the drain hose.

3 Electric wiring work 《 Refer also the installation manual of indoor unit 》

- Make certain that all electrical work is carried out by qualified personnel according to the applicable legislation (note 1) and this installation manual, using a separate circuit.
- (note 1) applicable legislation means "All international, national and local directives, laws, regulations and / or codes which are relevant and applicable for a certain product or domain".
- Do not turn on the power supply (branch switch, earth leakage breaker) until all the works are finished.
- For electric wiring work, refer to also the "WIRING DIAGRAM" attached to the control box lid of the indoor unit.
- After making sure that the power supply is turn off, remove the two screws and remove the control box lid of the indoor unit according to the following procedure shown below. (Fig. 14)
- (1) Remove the two screws and take out the control box. Then, hook the control box to the indoor unit back plate.
- (2) Connect the drain pump lead wiring (red, white, blue) to the X5A (white connector) on the Indoor Unit Printed Circuit Board.
- (3) Connect the short circuiting connector connected to the X15A (white connector) on the Printed Circuit Board and connect the float switch lead wiring (black).
- (4) Remove the short circuiting connector connected to the short circuiting connector. It is no longer needed.
- (5) After the wiring is finished, bring the drain pump lead wiring (red, white, blue) and the float switch lead wiring (black) together with the existing internal wiring at the control box wiring outlet and bind them there with the clamp (5).
- (6) Put the drain pump lead wiring (red, white, blue) through four clamps (A), bundle the extra wiring, bring it together with the indoor unit existing internal wiring and bind them together with the clamp (5).
- (7) After the wiring are clamped, cut off the extra part.
- (8) Put the float switch lead wiring (black) through the clamp (B) and bring it together with the indoor unit internal existing wiring and bind them together with the clamp (5) at 2 places.
- (9) After the wiring are clamped, cut off the extra part.
- (10) Mount the control box.
- (11) When carrying out this work, tilt the control box toward the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 14).

Then, the arrow shown in (Fig. 1