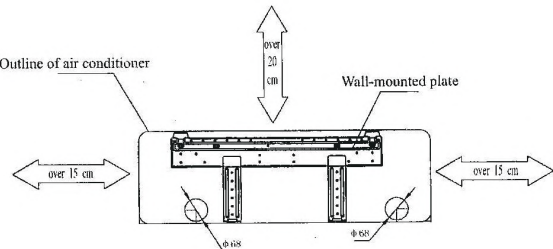


INSTALLATION

(1) Install the wall-mounted plate



1. Fix the location of wall-mounted plate according to the installation position of indoor unit and the direction of the pipe. Please leave enough space for installation.
2. The wall-mounted plate should be fixed horizontally and vertically, or the water will drop on the floor.
3. The wall-mounted plate is directly fixed to the wall with 6 screws at least
4. The fixed wall-mounted plate should be able to bear a weight of 50kg.

(2) Drill hole



1. Select one position in the grammatic shadow area to drill a hole.
2. The outside end of the hole should be 5-10mm lower than the inside.

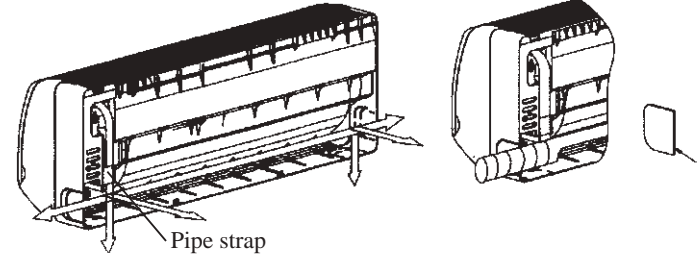
INSTALLATION

(3) Requirement for electricity

- Note:
- * Use a special power circuit with suitable capacity for the air conditioner. (16A)
 - * Select proper fuse and match with a leaking protector.
 - * The air conditioner should be equipped with a special switch, a plug and earthed reliably.
 - * Do not change the power cord or plug.
 - * The voltage range of the power supply should be 230V±10%.

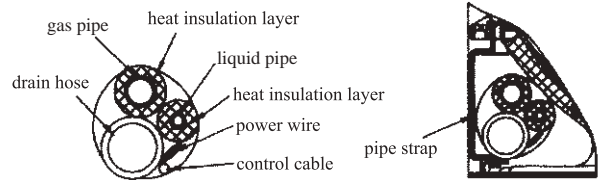
(4) Install the connecting pipes

- Note:
- * Never turn the nuts off from the connecting pipes' ends before connecting the pipes of indoor and outdoor unit.
 - * After turning the nuts off from the pipes' ends, the pipes should be connected immediately to prevent dust and water entering the system.
 - * The tie-in nut can not be fixed excess tight or loose, otherwise leakage will easily occur.
 - * If pipes need to be bent when connecting, attention must be paid not to bend the pipes shriveled, the bending radius should be over 10cm.
 - * Frequently bending or stretching the pipe will harden it, so bending a pipe in the same section should not over 3 times.
 - * Before binding the pipes, please arrange the wires, drain hose and pipes. Do not damage the drain hose.
 - * Be careful when binding, do not damage the heat insulation layer
 - * Do not remove the pipe strap when connecting.



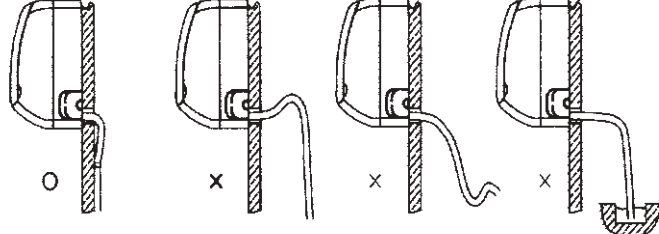
INSTALLATION

1. Please select a suitable direction of the connecting pipe according to what you need, a slot should be sawed for the passing of the connecting pipe.
2. Remove the choke plugs from the pipes of indoor unit and one end of connecting pipes.
3. Drop a little refrigerant oil to the flare fitting of connecting pipe,then align the flare fitting with the outlets and tightly secure the nuts.
4. To bind the connecting pipes, power wire and drain hose together with binding belt. The drain hose must be set below.
5. Hand the indoor unit to the wall-mounted plate, move the unit to ensure if it is fixed, then press left and right of the unit with hands till a sound of 'click'.



(5) Installation of the drain hose

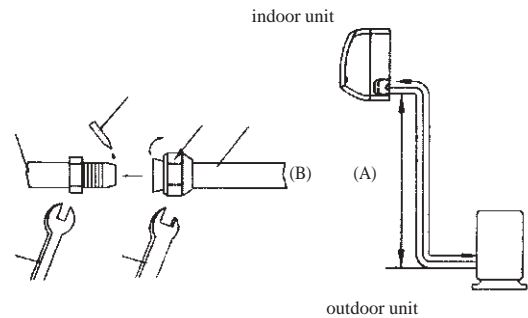
1. The drain hose should be distributed downward so the water can drop, the hose can not be skew, undulant or scraggly, and do not put the end of the hose to the water.
2. If the drain hose is no long enough, additional hose can be connected with, the hose in the room should be bound with heat insulation material.



INSTALLATION

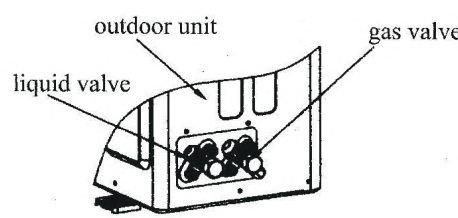
(6) Connect the pipes of indoor and outdoor unit

1. The pipes of indoor unit and the end of connecting pipes without nut should be welded together, or should be pressure welded with Locke ring. Ensure that no flammable refrigerant exist before welding.
2. The end of the connecting pipes with nut should be connected with liquid valve and gas valve of outdoor unit.
3. Length of single connecting pipe allow max. length (A): 7m
4. The max. fall of connecting pipe (B): 4m
5. Refrigerant must be added 30g/1m as the connecting pipes lengthened.



(7) Air exhausting of system

Air exhausting of system must be discharged from gas valve.



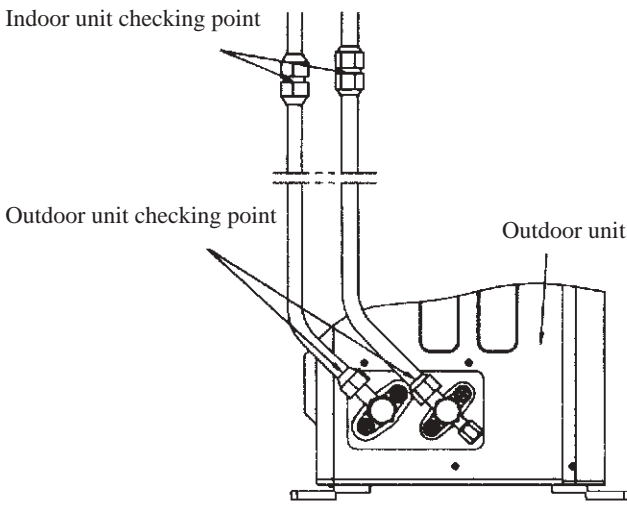
INSTALLATION

(8) Leakage checking

Method of leakage checking
* Special leakage checker
Turn on the checker, and set the checker on 'auto', and set the sensibility on 10Sd/cc/s. Put the finger to zero and preheating for 2-3minutes. Make sure the checker is OK. Keep the sensor near the surface to detect for 2-5mm, and move it slowly. When the checker gives a warning, it need detect again. If the checker does not warn, it shows the leakage does not occur. If the checker gives a warning continuously, it shows the leakage occurs.

* Soap water leakage check
Dip sponge or cloth in soap water, then coat the soap water to checking point with it. Check if there is any bubble. If yes, repair it then check again until there is no leakage.
After the leakage checking finished, wipe off the soap water and bind the pipes.

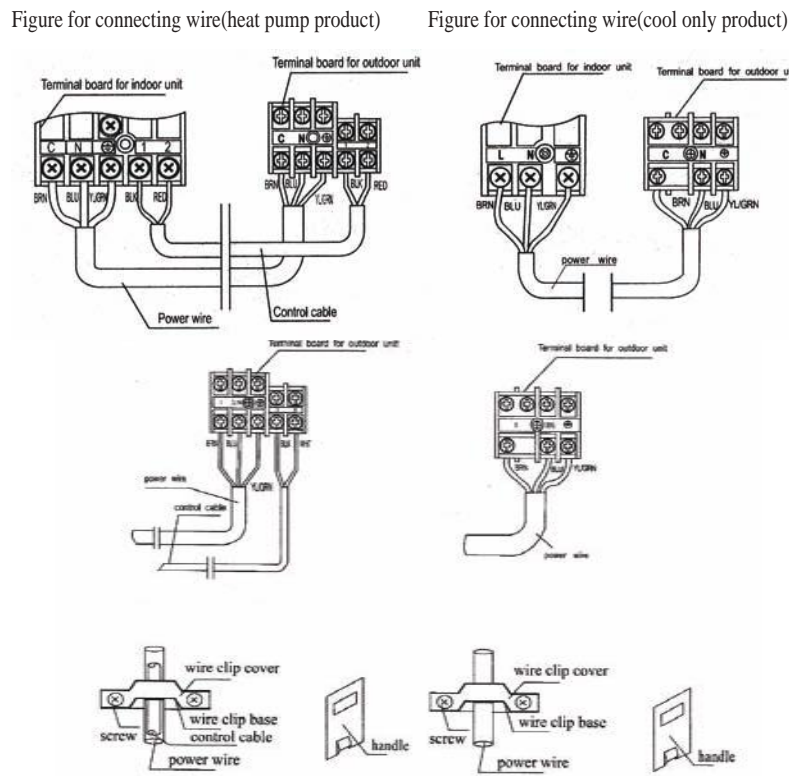
Figure for the leakage checking point



INSTALLATION

(9) Connect the power wire between the units

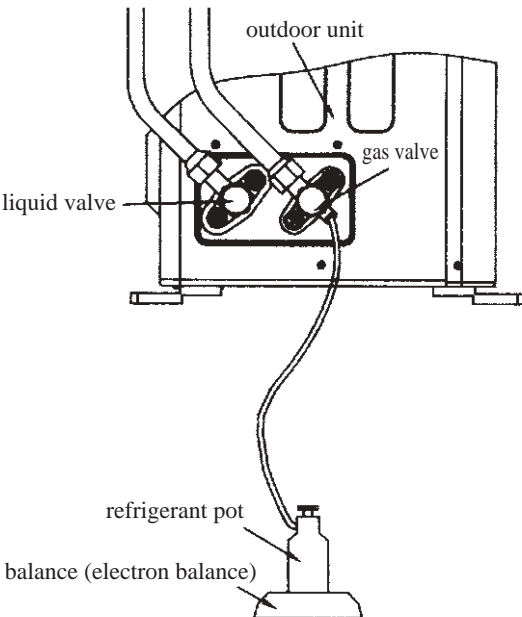
1. Please remove the handle before connecting the wires, and install them after the connection.
2. When connect the wires, the color of wire should be corresponding to the color of terminal board.
3. When connecting, the earth wire (YL/GRN) should be connected first then the current-carrying wire. When disconnecting, the current-carrying wire should be disconnected first, then the earth wires.
4. The ends of the wires must be inserted firmly into the terminal board and tightened with screws, otherwise the air conditioner cannot operate normally and some accident may occur even.
5. Remove the screw of wire clip cover, and locating the power wire between the cover and base.



INSTALLATION

(10) Adding refrigerant

- The method of adding refrigerant
1. Let the unit run in cooling mode.
 2. Unscrew the nut of the gas valve.
 3. Clamp the power wire of the unit with a pincers ammeter or balance the refrigerant pot with a balance (or an electron balance).
 4. Screw the tie-in nut of the refrigerant charging pipe to the charging hole of the unit just a little.
 5. Open (just half) the knob valve of the refrigerant pot.
 6. After 3 seconds, screw the tie-in nut of the refrigerant charging pipe.
 7. Read the number of pincers ammeter or electron balance. Refrigerant charging finished.
 8. Close the knob valve of the refrigerant pot, remove the pot, seal and screw the nut of refrigerant charging hole of the gas valve.

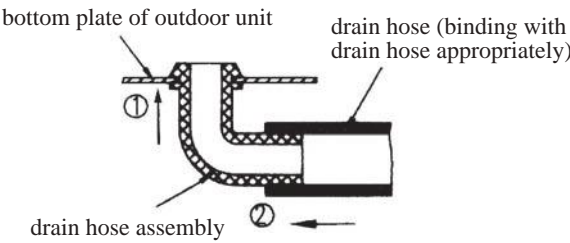


- ! 1. If adding refrigerant, it must be charged from the charging hole of the gas valve.
2. The supplementary of refrigerant must be performed during cooling operation.
3. Do not charge the liquid refrigerant directly.

INSTALLATION

(11) Installation of the drain hose assembly

- Note:
1. If you want the draining of outdoor unit to distributed in a certain direction, then before installing the outdoor unit to the bracket: (1) Install drain hose fitting into the drain hole of the outdoor unit bottom plate. (2) Install drain hose (prepare it yourself).
 2. If the drain hose fitting if used, the outdoor unit should be installed in a bracket more than 3cm.



(12) Finishing

1. Pack up the connecting wires and pipes.
2. Sealing the gap of the wall hose with putty to prevent rain water and wind from going into the room.
3. Fix the drain hose to the outside wall.
4. Cover the hole in the indoor wall with the protective sleeve.
5. Operate the air conditioner and check if it can run normally.

