

7. FOR MOVEMENT AND MAINTENANCE

7-1 HOW TO REMOVE AND INSTALL THE PANEL ASSEMBLY

Removal procedure

- ① Remove the 2 screws which fix the panel assembly.
- ② Remove the panel assembly. Be sure to remove its bottom end first.



Installation procedure

Install the panel assembly following the removal procedure 1 and 2 (described above) in reverse. After having attached the panel assembly, be sure to press the position as indicated by the arrows in order to attach the assembly completely to the unit.



7-2 PUMPING DOWN

When releasing or disposing of the air conditioner, pump-down the system following the procedure below so that no refrigerant is released into the atmosphere.

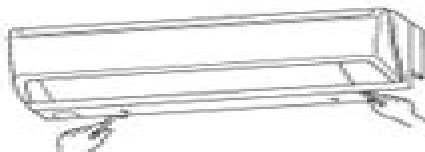
- ① Connect the gauge manifold valve to the service port of the stop valve on the gas pipe side of the outdoor unit.
- ② Fully close the stop valve on the liquid pipe side of the outdoor unit.
- ③ Close the stop valve on the gas pipe side of the outdoor unit almost completely so that it can be easily closed fully when the pressure gauge shows -0.101 MPa (Gauge) (0 kgf/cm²).
- ④ Start the EMERGENCY COOLING OPERATION. To start the EMERGENCY OPERATION in COOL MODE, disconnect the power supply plug and/or turn off the breaker. After 15 seconds, connect the power supply plug and/or turn on the breaker, and then press the EMERGENCY OPERATION switch once. (The EMERGENCY COOLING OPERATION can be performed continuously for up to 30 minutes.)
- ⑤ Fully close the stop valve on the gas pipe side of the outdoor unit when the pressure gauge shows 0.05 to 0 MPa (Gauge) (approx. 0.5 to 0 kgf/cm²).
- ⑥ Stop the EMERGENCY COOLING OPERATION. Press the EMERGENCY OPERATION switch twice to stop the operation.

7-3 REMOVING THE INDOOR UNIT

Remove the bottom of the indoor unit from the installation plate.

When releasing the corner part

Release both left and right bottom corner part of indoor unit and pull it downward and forward as below to release the hooks.



If the above method cannot be used

Remove the panel and insert hexagonal wrenches into the square holes on the left and right as shown in the figure below. Then push them up; the bottom of the indoor unit is lowered and the hooks are released.



7-4 GAS CHARGE

- ① Connect gas cylinder to the service port of stop valve (3-way).
- ② Evacuate air purge of the pipe (or hose) coming from refrigerant gas cylinder.
- ③ Fill up the specified amount of the refrigerant, while operating the air conditioner for cooling.

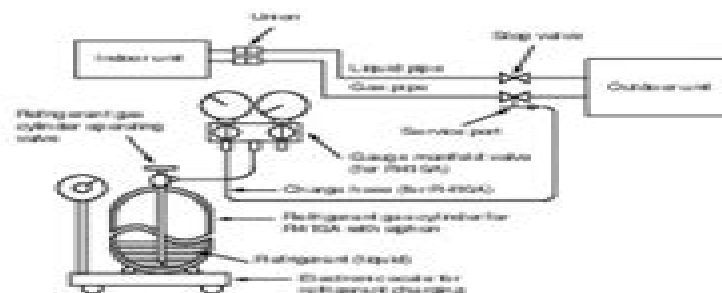
Note:

In case of adding refrigerant, comply with the quantity specified for the refrigerating cycle.

CAUTION

- Do not discharge the refrigerant into the atmosphere. Take care not to discharge refrigerant into the atmosphere during installation, dismantling, or repairs to the refrigerant circuit.
- When changing the refrigerant system with additional refrigerant, be sure to use liquid refrigerant. Adding gas refrigerant may change the composition of the refrigerant in the system and affect normal operation of the air conditioner. Also, charge the system slowly, otherwise the compressor will be locked.

To maintain the high pressure of the gas cylinder, warm the gas cylinder with warm water (under 40°C) during addition. But never use naked fire or steam.



MITSUBISHI ELECTRIC CORPORATION

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