

of the following. Install the outdoor unit according to the dimension as indicated in the table below:

 Outdoor unitdimension
 Mountingdimensions

interconnected cord type is H07RN-F. 3. Lift the indoor unit panel up, remove the electrical box cover by loosening the screw.

. Ensure the colour of wires of outdoor unit and the terminal Nos, are the same to the indoor's

mm(WxHxD)	A(mm)	B(mm)	
670x540x265	481	276	
780x540x250	549	276	
760x590x285	530	290	
845x700x320	560	335	
810x558x310	549	325	



ACCESSORIES

Number	Nameof	Accessori	es		Qty	
1	Installation	Plate			1	
2	Clip Anchor				5-8(dependingonmodels)	
3	Self-tapping Screw A ST3.9x25				5-8(depending onmodels)	
4	Seal(For cooling & heating models only)			1		
5	Drain Joint(int(For cooling & heating models only)			1	
6	Connecting pipe Assembly	Liquidside	Φ6.35 Φ9.52 Φ9.52		Parts you must purchase. The pipe size differ from appliance to appliance Consult the technician for the proper size.	
		Gasside Φ 12 Φ 16		2.7		
7	Remote controller			1		
8	8 Self-tapping Screw B ST2.9x10 optional		optional	2		
9	Remote controller holderpartsAir freshening filter(used to install on Air filter)			parts	1	
10				1		

NOTE: Except the above parts provided, the other parts needed during installation you must purchase.

- respectively.
- 5. Wrap those cables not connected with terminals with insulation tapes, so that they will not touch any electrical components. Secure the cable onto the control board with the cord clamp. <u>NOTE:</u> If used as MONO unit, for the standby control needs, the cross section area of cable connected to L(1)/W, 1/1(L), 2(N) must be sufficient for the maximum system current. The maximum system current is equal to the sum of indoor unit and outdoor unit rated current. If used as MULTI unit, L(1)/W on the terminal block does not need to be connected.



CONNECTIVE PIPE AND DRAINAGE INSTALLATION

Right

<u>Drainage</u>

- 1. Run the drain hose sloping downward. Do not install the drain hose as illustrated in wrong figures.
- 2. When connecting extension drain hose, insulate the connecting part of extension drain hose with a shield pipe, do not let the drain hose slack.





NOTE: The drain joint is slightly different according to the different outdoor unit

For the drain joint with the seal(Fig.A), first fit the seal onto the drain joint, then insert the drain joint into the base pan hole of outdoor unit, rotate 90° to securely assemble them. To install drain joint as shown in Fig.B, insert the drain joint into the base panhole of outdoor unit until it remains fixed with a clicking sound. Connecting the drain joint with an extension drain hose (Locally purchased), in case of the water draining off the outdoor unit during the heating mode.

Base pan hole Drain joint of outdoor uni m IIII (B)



REFRIGERANT PIPE CONNECTION

Flaring

- 1. Cut a pipe with a pipe cutter.
- 2. Put flare nuts on pipe/tube having completed burr removal and flare the pipe.
- 3. Firmly hold copper pipe in a die in the dimension shown in the table below.

Outer diam.	A(mm)		
(mm)	Max.	Min.	
ф 6.35	1.3	0.7	
ф 9.52	1.6	1.0	
ф 12.7	1.8	1.0	
ф 16	2.2	2.0	

Tightening connection

- Align pipes to be connected.
- Sufficiently tighten the flare nut with fingers, and then tighten it with a spanner and torque wrench as shown.
- Excessive torque can break nut depending on installation conditions.



Cover

Outdoor unit

check point

check point

В

Ē

4. Test running

1. Soap water method:

Leak detector

CAUTION

Perform test operation after completing gas leak check at the flare nut connections and electrical safety check.

• Check that all tubing and wiring have been properly connected.

Apply a soap water or a liquid neutral detergent on the indoor

unit connections and outdoor unit connections by a soft brush

to check for leakage of the connecting points of the piping. If

bubbles come out, it indicates that the pipes have leakage.

Use the leak detector to check for leakage.

A: Lo packed valve B: Hi packed valve C and D are ends of indoor unit connection.

- Check that the gas and liquid side service valves are fully open.
- 1. Connect the power, press the ON/OFF button on the remote controller to turn the unit on.
- 2. Use the MODE button to select COOL, HEAT, AUTO and FAN to check if all the functions works well.
- 3. When the ambient temperature is too low(lower than 17° C), the unit cannot be controlled by the remote controller to run at cooling mode, manual operation can be taken. Manual operation is used only when the remote controller is disable or maintenance necessary
- Hold the panel sides and lift the panel up to an angle until it remains fixed with a clicking sound.
- Press the Manual control button to select the AUTO or COOL, the unit will operate under Forced AUTO or COOLmode(see User Manual for details).
- 4. The test operation should last about 30 minutes.

