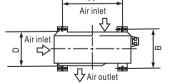


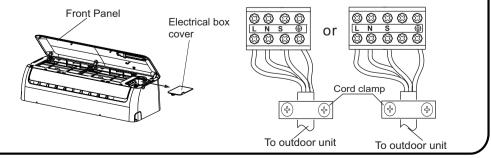
685x430x260/27x16.9x10.2	460/18.1	276/10.9
780x540x250/30.7x21.3x9.8	549/21.6	276/10.9
760x590x285/29.9x23.2x11.2	530/20.9	290/11.4
845x700x320/33.3x27.6x12.6	560/22.1	335/13.2
775x545x310/30.5x21.5x12.2	600/23.6	320/12.6
670x540x265/26.4x21.3x10.4	481/18.9	276/10.9



ACCESSORIES

Number	Nameof	Accessorie	Qty			
1	Installation	Plate			1	
2	Clip Anchor	lor			5-8(dependingonmodels)	
3	Self-tapping	apping Screw A ST3.9x25			5-8(dependingonmodels)	
4	Seal(For co	Seal(For cooling & heating models only)			1	
5	Drain Joint(t(For cooling & heating models only)			1	
-	Connecting pipe Assembly	Liquidside		.35(1/4in) .52(3/8in)	Parts you must purchase. The pipe size differ from appliance to applian	
6			Φ9	9.52(3/8in) Size differ from appliance to ap Consult the technician for the		
	-	Gasside	Φ 1	2.7(1/2in)	size.	
			Ф16(5/8in)			
7	Remote cor	emote controller			1	
8	Self-tapping	g Screw B ST2.9x10		optional	2	
9	Remote cor	mote controller holder part			1	
10	Air fresheni	ng filter(used to	inst	tall on air filter)	1	
<u> </u>	cept the abo rchase.	ve parts provide	əd,tł	ne other parts ne	eded during installation you must	

- respectively.
- 4. 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.



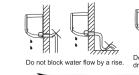


CONNECTIVE PIPE AND DRAINAGE INSTALLATION

Right

<u>Drainage</u>

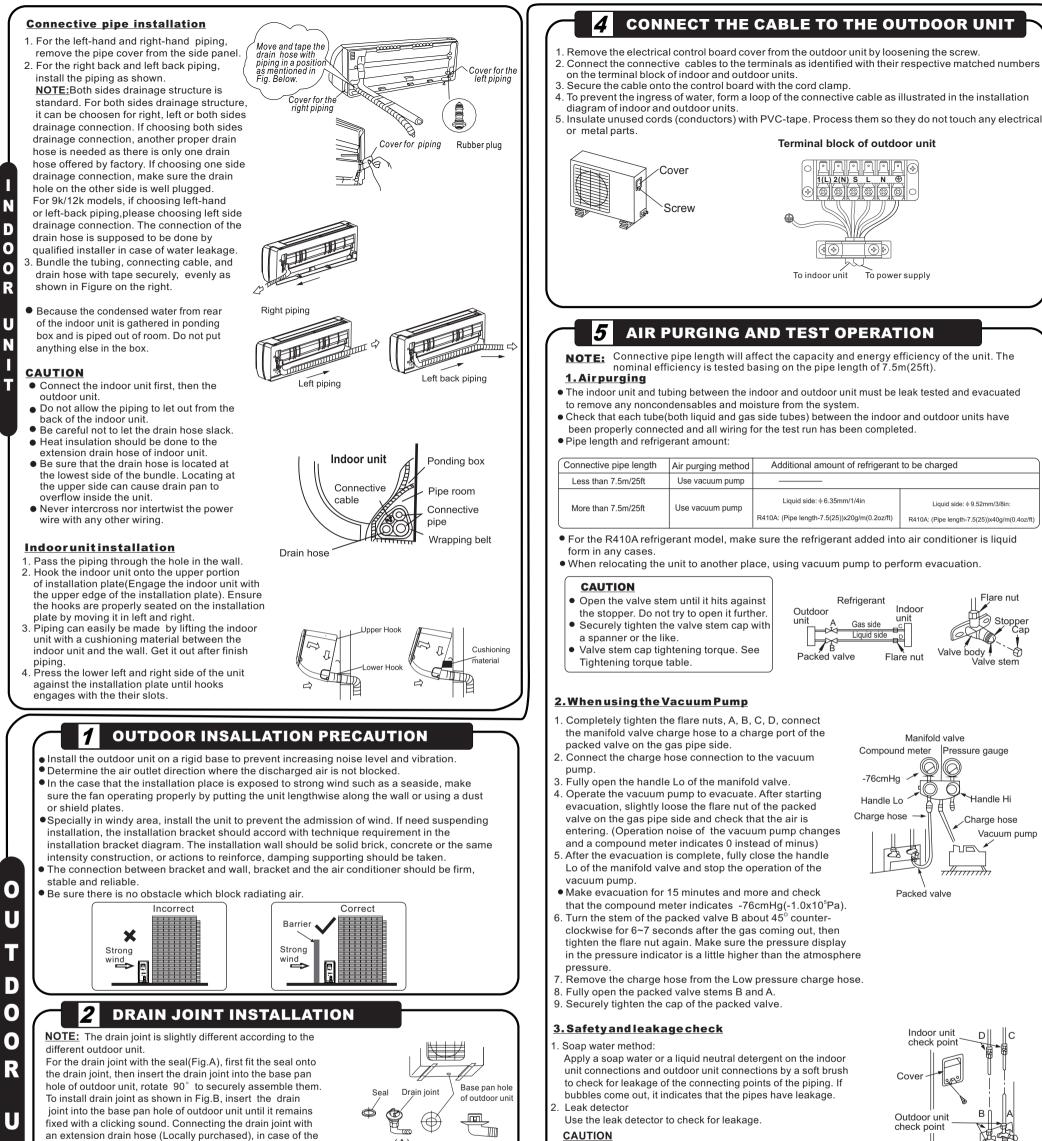
- 1. Run the drain hose sloping downward. Do not install the drain hose as illustrated in wrong figures.
- 2. When connecting extension drain hose, insulate the connecting part of extension drain hose with a shield pipe, do not let the drain hose slack.



Terminal block of indoor unit



Wrong



(A) (B)

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

REFRIGERANT PIPE CONNECTION

Flaring

- Cut a pipe with a pipe cutter.
 Put flare nuts on pipe/tube having
- completed burr removal and flare the pipe.

water draining off the outdoor unit during the heating mode

3. Firmly hold copper pipe in a die in the dimension shown in the table below.

Outer diam.	A(mm/in)		
(Mm/in)	Max.	Min.	
ф 6.35/1/4	1.3/0.05	0.7/0.03	
ф9.52/3/8	1.6/0.06	1.0/0.04	
ф12.7/1/2	1.8/0.07	1.0/0.04	
ф16/5/8	2.2/0.09	2.0/0.08	

Tighteningconnection

- 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.

90° Oblique Roughness Burr Handle Bar Copper pipe							
Indoor unit tubing Flare nut Pipings							
Outer diam. (Mm/in)	Tightening torque (N.cm/lbf.in)	Additional tightening torque(N.cm/lbf.in)					
ф 6.35/1/4	1500/132.8	1600/141.59					
ф 9.52/3/8	2500/221.34	2600/230.02					
ф 12.7/1/2	3500/309.73	3600/318.56					
ф 16/5/8	4500/398.23	4700/415.93					

$\mathbf{\cdot}$

4. Testrunning

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.
- 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/62°F), 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 COOL mode(see User Manual for details).
- 4. The test operation should last about 30 minutes.

