

INDOOR UNIT BRANCH PIPE INSTALLATION MANUAL

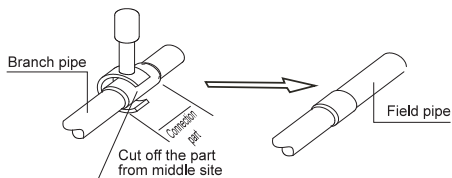
MD131-023AW
202000172308

Thank you very much for purchasing our air conditioner. Before using your air conditioner, please read this manual carefully and keep it for future reference.

Branch List

Name	Low-pressure gas side joints	High-pressure gas side joints	Liquid side joints	Converter pipe	Heat insulation material
FQZHN-01SB					
FQZHN-02SB				/	
FQZHN-03SB					
FQZHN-04SB				/	
FQZHN-05SB					

Incision



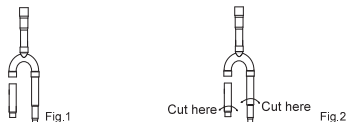
Choice

Capacity of downstream indoor units A (×100W)	Name of indoor unit branch pipe	Branch pipes for indoor unit		
		Low-pressure gas pipe (mm)	High-pressure gas pipe (mm)	Liquid pipe (mm)
A < 56	FQZHN-01SB	Φ12.7	Φ9.5	Φ6.4
56 ≤ A < 166	FQZHN-02SB	Φ19.1	Φ15.9	Φ9.5
166 ≤ A < 230		Φ22.2	Φ19.1	Φ9.5
230 ≤ A < 330	FQZHN-02SB	Φ22.2	Φ19.1	Φ12.7
330 ≤ A < 460	FQZHN-03SB	Φ28.6	Φ22.2	Φ12.7
460 ≤ A < 660		Φ28.6	Φ22.2	Φ15.9
660 ≤ A < 920	FQZHN-04SB	Φ34.9	Φ28.6	Φ19.1
920 ≤ A < 1350	FQZHN-05SB	Φ41.3	Φ34.9	Φ19.1
1350 ≤ A		Φ44.5	Φ38.1	Φ22.2

Installation Notices

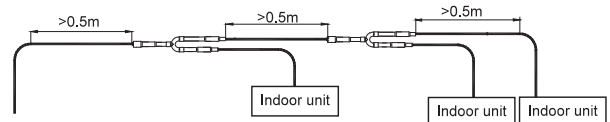
- Select the branch pipes' model according to the Model Selection Guide and the downstream indoor unit capacity.
- According to the actual piping size and cut off the needless parts with special tools such as cutter, take the FQZHN-04SB liquid side for example and the operating steps as follow:
 - When selecting model FQZHN-04SB, the actual object as display in Fig.1, and then suppose that the present using pipe is Φ15.9, then as display in Fig.2, cut the welded pipe of the branch pipe component.
 - As display in Fig.2, cut the standalone connecting pipe.
 - weld the branch pipe components with the field pipes.
- Particularly notice the followings:

When the actual pipe size matches with the un-welded side of U-shape three direct links, weld the pipe with the U-shape three direct links directly.



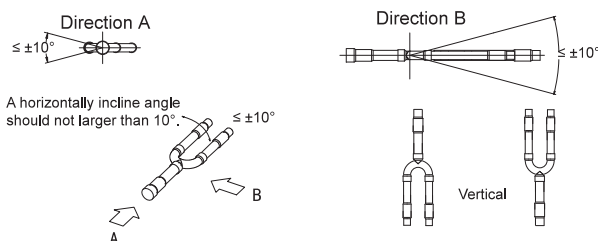
Installation Precaution

Pay attention to the distance of straight horizontal pipe.



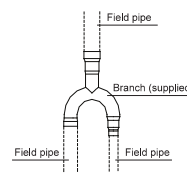
- The straight horizontal pipe's distance between two adjacent branch pipes should ≥0.5m.
- Distance between two adjacent branches should ≥0.5m.
- The straight horizontal pipe's distance which outdoor unit connecting behind the branch pipe should ≥0.5m.

Horizontally Placing Branch Pipe

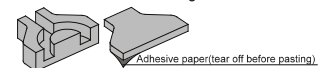


Heat insulation

Be sure to insulate the branches against heat
1) Example of connected branch.



- Use the supplied heat insulation material to insulate the branches against heat.



- Apply the heat insulation material and seal all connections with tape.

