

INDOOR UNIT BRANCH PIPE INSTALLATION MANUAL

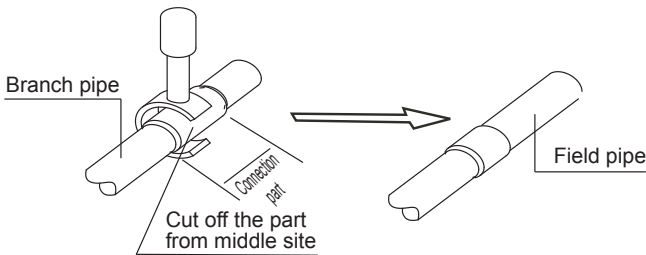
MD20IU-005AW
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Thank you very much for purchasing our air conditioner, Before using your air conditioner , please read this manual carefully and keep it for future reference.

Branch List

Name	Low-pressure gas side joints	High-pressure gas side joints	Liquid side joints	Converter pipe	Heat insulation material
FQZHN-01SB1					 (3 sets)
FQZHN-02SB1					 (3 sets)
FQZHN-03SB1				 (Liquid side used)	 (3 sets)
FQZHN-04SB1				 (Liquid side used)	 (3 sets)
FQZHN-05SB1					 (3 sets)

Incision



Choice

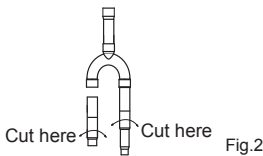
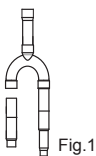
Branch pipes for indoor unit

Capacity of downstream indoor units A (×100W)	Name of indoor unit branch pipe	Low-pressure gas pipe (mm)	High-pressure gas pipe (mm)	Liquid pipe (mm)
A < 168	FQZHN-01SB1	Φ15.9	Φ12.7	Φ9.5
168 ≤ A < 224	FQZHN-02SB1	Φ19.1	Φ15.9	Φ9.5
224 ≤ A < 330		Φ22.2	Φ19.1	Φ9.5
330 ≤ A < 470	FQZHN-03SB1	Φ28.6	Φ19.1	Φ12.7
470 ≤ A < 710		Φ28.6	Φ28.6	Φ15.9
710 ≤ A < 1040	FQZHN-04SB1	Φ34.9	Φ28.6	Φ19.1
1040 ≤ A	FQZHN-05SB1	Φ41.3	Φ28.6	Φ19.1

Installation Notices

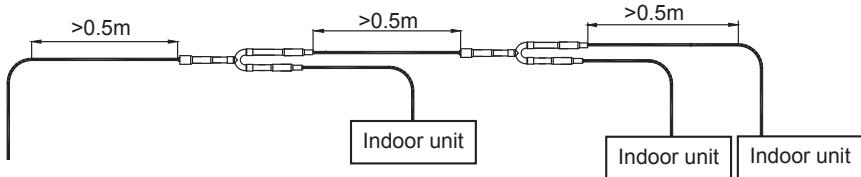
- 1) Select the branch pipes' model according to the Model Selection Guide and the downstream indoor unit capacity.
- 2) According to the actual piping size and cut off the needless parts with special tools such as cutter, take the FQZHN-04SB1 liquid side for example and the operating steps as follow:
 - a.When selecting model FQZHN-04SB1, 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.
 - b.As display in Fig.2, cut the standalone connecting pipe.
 - c.weld the branch pipe components with the field pipes.
- 3) 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.



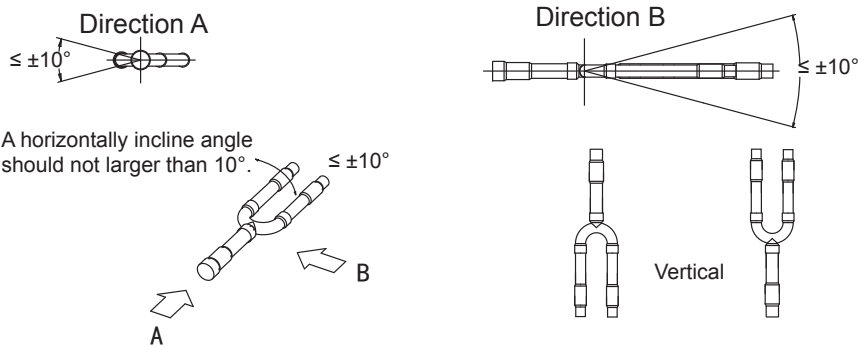
Installation Precaution

Pay attention to the distance of straight horizontal pipe.



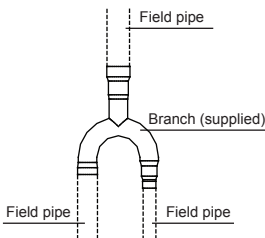
- a.The straight horizontal pipe's distance between two adjacent branch pipes should ≥0.5m.
- b.Distance between two adjacent branches should ≥0.5m.
- c.The straight horizontal pipe's distance which outdoor unit connecting behind the branch pipe should ≥0.5m.

Horizontally Placing Branch Pipe

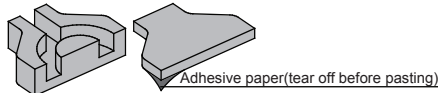


Heat insulation

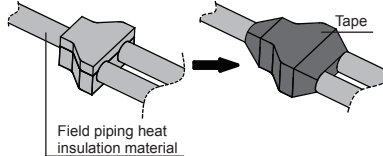
Be sure to insulate the brahches against heat
1) Example of connected branch.



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



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



版本更改说明（此页不用做菲林）

本说明书材料为双胶纸100g黑白印刷，尺寸：A3