

# INDOOR UNIT BRANCH PIPE INSTALLATION MANUAL

MD12I-045CW  
16111700000024

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	Gas side joints	Liquid side joints	Heat insulation material	Model selection and incision guide
FQZHN-01D			 (2 sets)	<p>Please select and install the branch pipe according to outdoor unit installation manual and actual installation conditions.</p> <div><h3>Incision</h3><p>Branch pipe</p><p>Field pipe</p><p>Cut off the part from middle site</p></div>
FQZHN-02D			 (2 sets)	
FQZHN-03D			 (2 sets)	
FQZHN-04D			 (2 sets)	
FQZHN-05D			 (2 sets)	
FQZHN-06D			 (2 sets)	

## 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-01D gas0 side for example and the operating steps as follow:
  - a.When selecting model FQZHN-01D, the actual object as display in Fig.1, and then suppose that the present using pipe isΦ15.9 , 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.As display in Fig.3, weld the branch pipe components with the field pipes.
- 3) Particularly notice the followings:
  - a.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.
  - b.For the separate un-welded connecting pipe of FQZHN-06D, as display in Fig. 3, please cut in the bottom of the necking side if the flaring side is needed to be used, and vice versa.



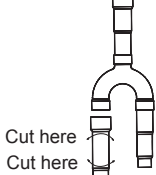
Fig.1



Cut here



Cut here

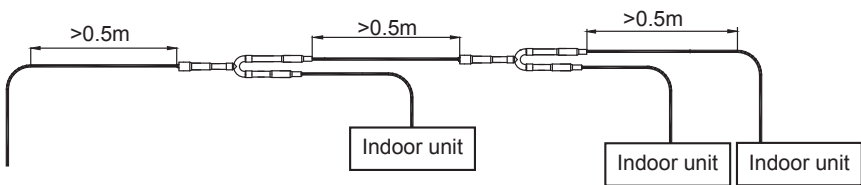


Cut here

Fig.3

## Installation Precaution

Pay attention to the distance of straight horizontal pipe.

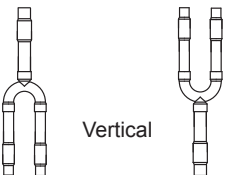
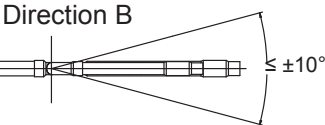
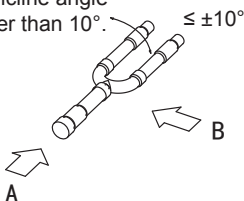


- a.The straight horizontal pipe's distance between two adjacent branch pipes should  $\geq 0.5\text{m}$ .
- b.Distance between two adjacent branches should  $\geq 0.5\text{m}$ .
- c.The straight horizontal pipe's distance which outdoor unit connecting behind the branch pipe should  $\geq 0.5\text{m}$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

## Horizontally Placing Branch Pipe



A horizontally incline angle should not larger than 10°.

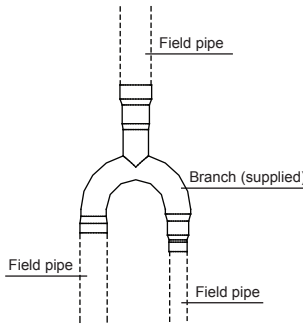


Vertical

## Heat insulation

Be sure to insulate the braches against heat

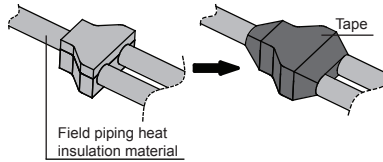
1) Example of connected branch.



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.



此要求部分不做菲林，只做说明

材料：双胶纸100g/m<sup>2</sup>

大小：A3，厂家折叠成A5供货

黑白印刷，内容清晰

更改记录表（仅做说明用，不做菲林）

[illegible]