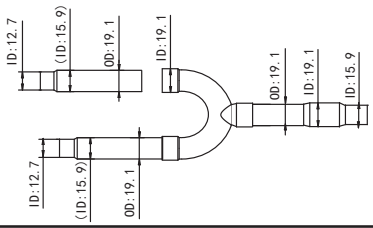
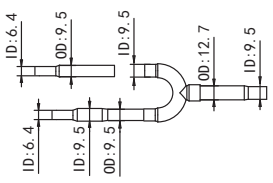
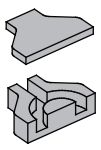
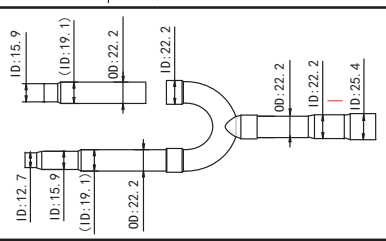
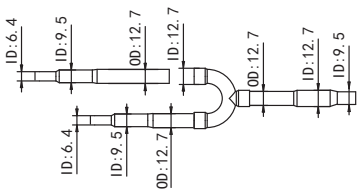
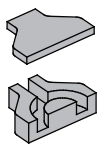
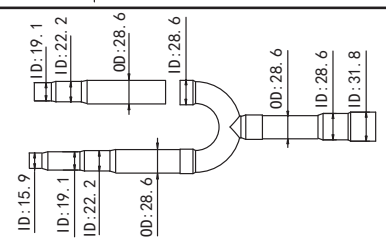
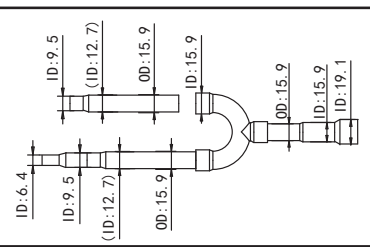
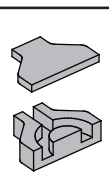
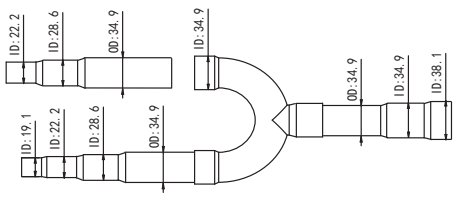
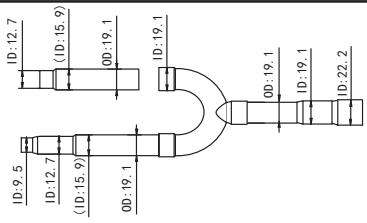
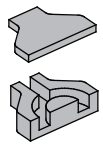
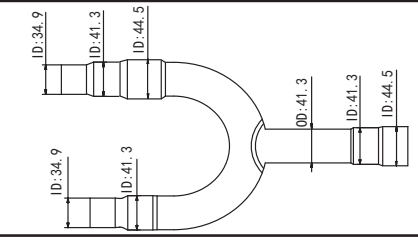
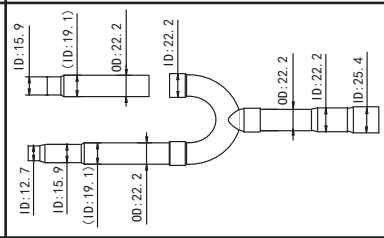
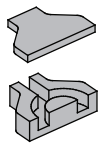
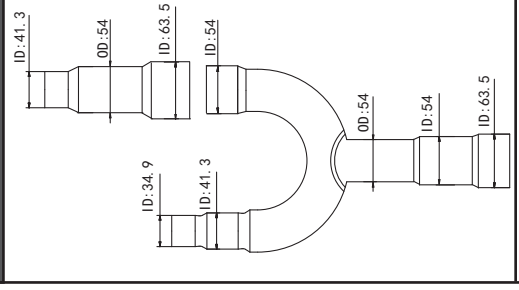
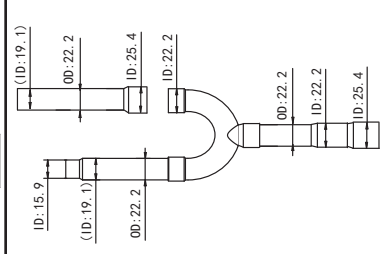
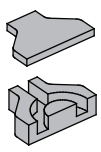
INDOOR UNIT BRANCH PIPE INSTALLATION MANUAL

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
FQZHN-01D			 (2 sets)
FQZHN-02D			 (2 sets)
FQZHN-03D			 (2 sets)
FQZHN-04D			 (2 sets)
FQZHN-05D			 (2 sets)
FQZHN-06D			 (2 sets)

Model selection and incision guide

Please select and install the branch pipe according to outdoor unit installation manual and actual installation conditions.

Incision

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

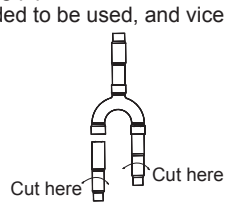


Fig.2

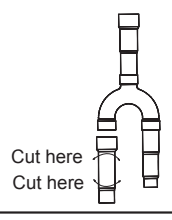
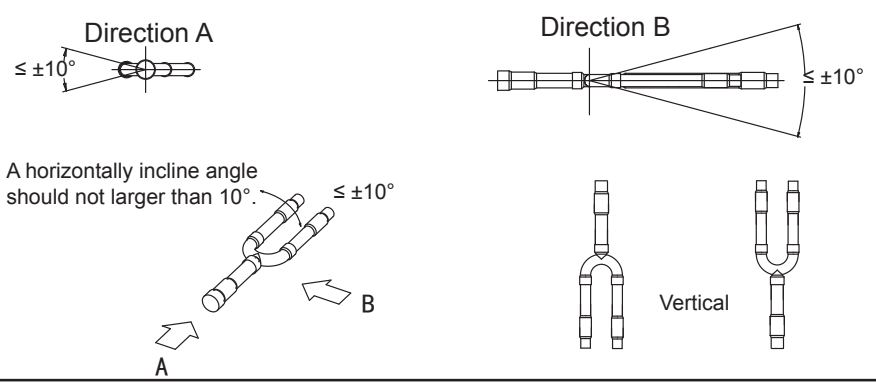


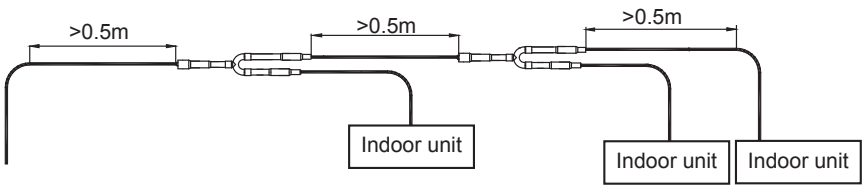
Fig.3

Horizontally Placing Branch Pipe



Installation Precaution

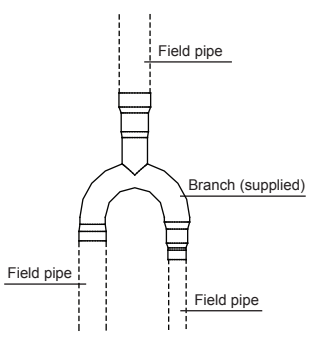
Pay attention to the distance of straight horizontal pipe.



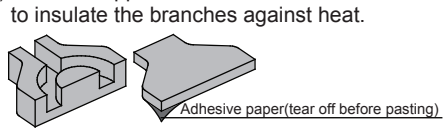
a.The straight horizontal pipe's distance between two adjacent branch pipes should ≥0.5m.
b.Distance between two adjacent branches should ≥0.5m.
c.The straight horizontal pipe's distance which outdoor unit connecting behind the branch pipe should ≥0.5m.

Heat insulation

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

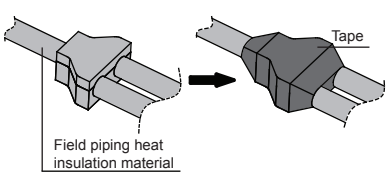


2) Use the supplied heat insulation material to insulate the branches against heat.



heat insulation material(supplied)

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/m²
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）

日期	版本号	更改页	更改内容	更改人
2016. 1. 27	A → B		Selection for R410A Model,管径尺寸有更改 说明书图号及编号升级	陈海清 李波
2018. 3. 28	B → C		1.删除分歧管选配信息，说明书图号升级 2.增加成品技术要求，厂家折叠成A5供货。	黎浩标