

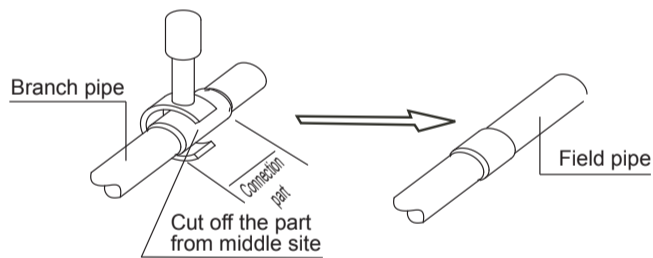
INDOOR UNIT BRANCH PIPE INSTALLATION MANUAL

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
TRDK057 HRU					
TRDK112 HRU					
TRDK242 HRU					
TRDK354 HRU					
TRDK573 HRU					

Incision



Choice

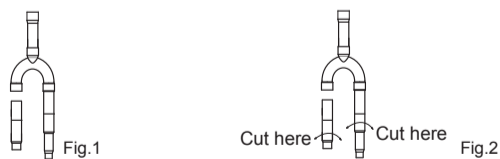
Branch pipes for indoor unit

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	TRDK057HRU	Φ15.9	Φ12.7	Φ9.5
168 ≤ A < 224	TRDK112HRU	Φ19.1	Φ15.9	Φ9.5
224 ≤ A < 330		Φ22.2	Φ19.1	Φ9.5
330 ≤ A < 470	TRDK242HRU	Φ28.6	Φ19.1	Φ12.7
470 ≤ A < 710		Φ28.6	Φ28.6	Φ15.9
710 ≤ A < 1040	TRDK354HRU	Φ34.9	Φ28.6	Φ19.1
1040 ≤ A	TRDK573HRU	Φ41.3	Φ28.6	Φ19.1

Installation Notices

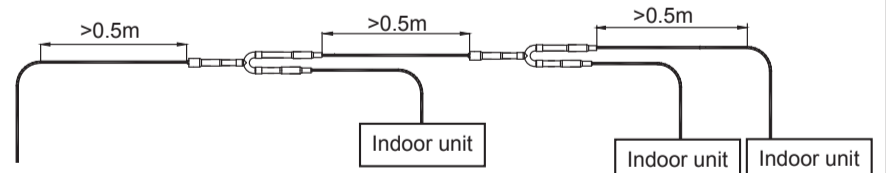
- Select the branch pipes' model according to the Model Selection Guide and the downstream indoor unit capacity.
- According to the actual piping size and cut off the needless parts with special tools such as cutter, take the TRDK354HRU liquid side for example and the operating steps as follow:
 - When selecting model TRDK354HRU, 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.



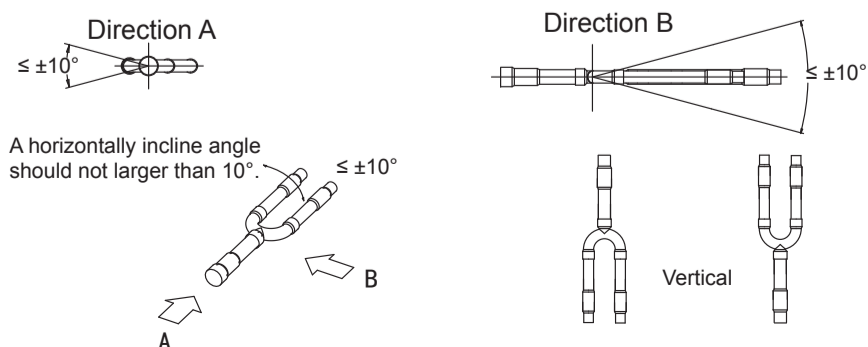
Installation Precaution

Pay attention to the distance of straight horizontal pipe.



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

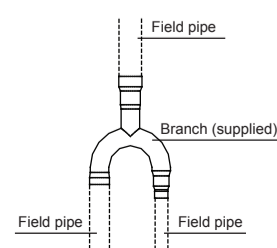
Horizontally Placing Branch Pipe



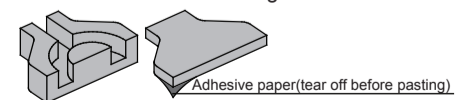
Heat insulation

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.

