Thank you for purchasing the "Y-shape branching joints" for TOSHIBA Carrier Air Conditioner. Before starting the installation work, please read this manual carefully and install the product properly.

PARTS LIST

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<th>No.</th>
<th>NMB-BY55FUL</th>
<th>NMB-BY105FUL</th>
<th>NMB-BY205FUL</th>
<th>NMB-BY305FUL</th>
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Example of connecting to heat pump model / cooling only model indoor units.

1. Select the socket (No. in (1) or plural socket (No. in (2) (f) filling the pipe diameter connected to the indoor unit. When using the plural socket, cut with the pipe cutter as shown on the right.

2. Insertion pipe diameter ø 3/8" ø 1/2" ø 5/8" ø 3/4" Unit: inch

3. After cutting the pipe, be sure to remove the burrs and polish the end surface. When some squash or deformation, etc. occurs, improve the pipe insertion condition by using the flare tool.

4. Confirm whether no dust, dirt, water, foreign matters, etc. exists on the branching joint, the socket to be inserted, and inside the plural socket.

5. When heating the refrigerant pipes, be sure to put the nitrogen first to prevent from oxidizing the inner pipe. If not, the oxidation scale brings the refrigerant cycle clogging and result in malfunction.

6. Use the brand new pipe for the refrigerant pipe, and prevent from water and dust when installing.

Heat insulating method

In order to prevent dropping condensation, do not leave any gap between heat insulator for branching joint (included in package) and heat insulator for pipe (locally procured). And then, wrap the seam with heat insulators with thickness of 0.4" or more (locally procured).

Use heat insulators with heat resistance of 248 °F or more for the gas side pipes.

CAUTION

Condensation may occur on the heat insulator according to the atmosphere of the inside of the ceiling. If the inside of the ceiling is subjected to high temperature and high humidity, add glasses wool (1.0 to 1.25 thaw) (15 to 20 kg/m²), 0.5" thick or more, on the heat insulator described above for a sufficient heat insulation.

<Gas/Liquid side>

Install the branching pipes horizontally or vertically to make the flow split evenly.

<Gas/Liquid side>

Install this branching pipes horizontally or vertically to make the flow split evenly.