

# MITSUBISHI ELECTRIC OPTIONAL PARTS

## 2-BRANCH PIPE(JOINT) (MSDD-50BR-E)



Applicable model
MXZ-8A/8B Series(R410A type)

### 1 The kit contains following

※In case of 2 branch box connection for welding

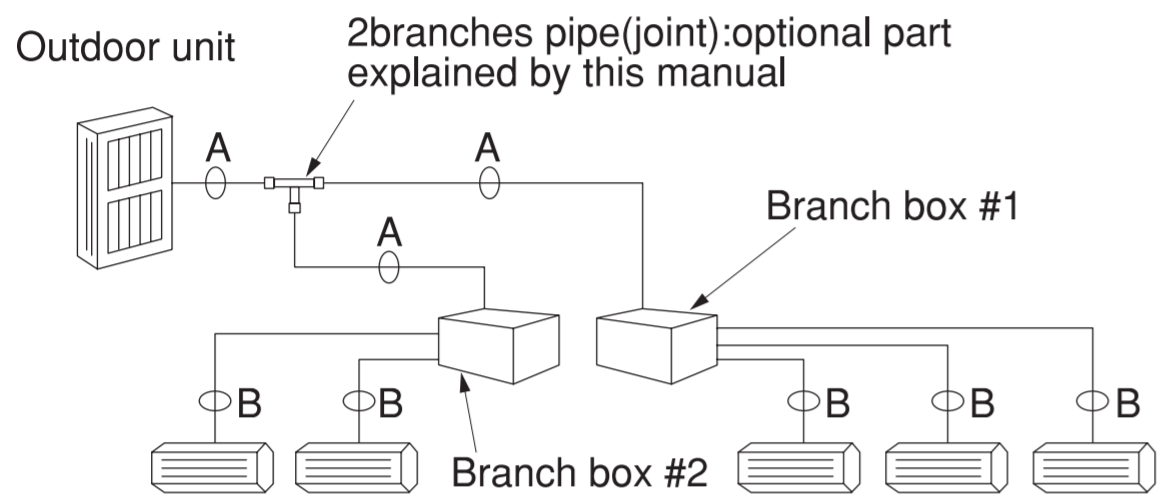
① Manual This one-sheet manual	② Liquid pipe (small:φ9.52) X1	③ Gas pipe (large:φ15.88) X1	④ Heat-insulation cover(small) X1	⑤ Heat-insulation cover(large) X1	⑥ Pipe (Gas pipe use:φ15.88→φ19.05) X3
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Note: Besides these, please procure the following locally:  
 (1) Tape for sealing the heat insulation covers.  
 (2) Extension pipes for the refrigerant system.

### 2 During installation, be careful about the following

- Note the limit length of the refrigerant pipe refer to the installation manual of outdoor unit and branch box.
- Note the limits for installing the indoor units refer to the installation manual of outdoor unit and branch box.
- Use solder in connecting any branch joint with any piping system or with the pipe⑥. In soldering, use oxygen-free solder.
- Each branch joint has a stopper.  
In connecting any pipe to any branch joint, thrust the pipe home till it locks.
- In connecting pipes, take care not to let any dirt or other foreign matter enter any pipe.
- Put a heat insulator into every refrigerant pipe.

### 3 Outline of system and pipe size



(1) Outdoor unit: R410A type (MXZ-8A/8B Series)

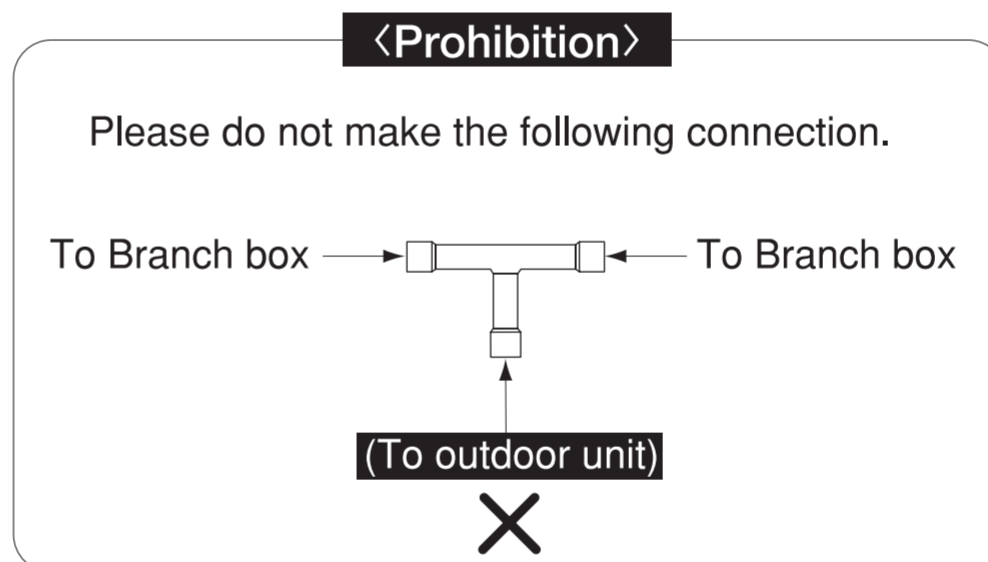
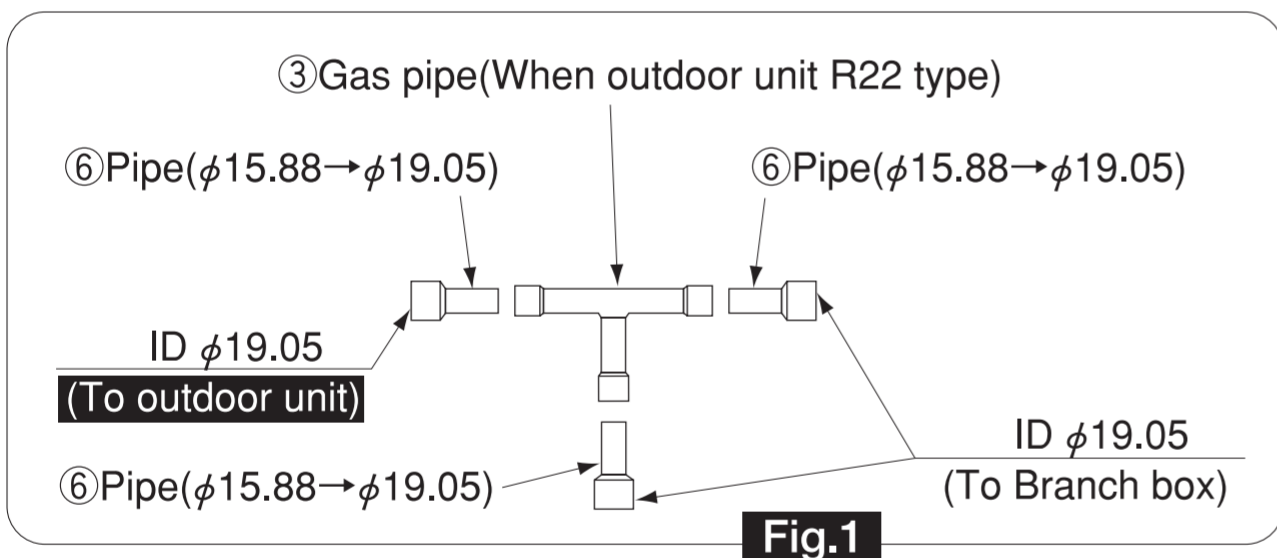
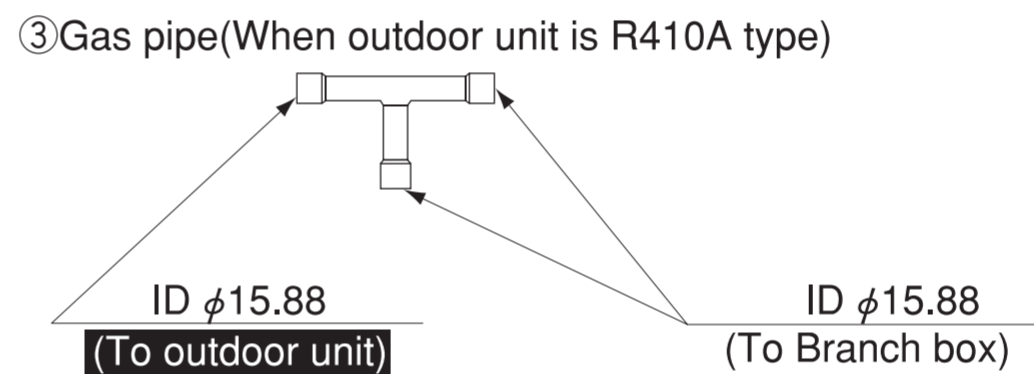
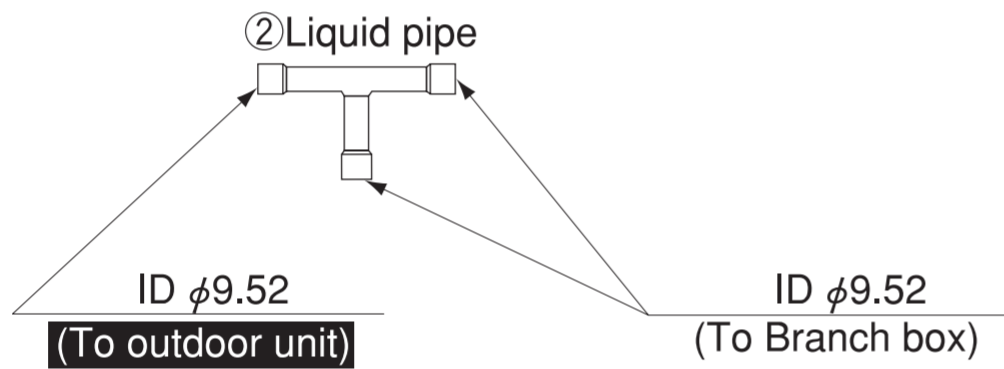
	A	B
Liquid(mm)	φ9.52	Refer to installation manual of outdoor unit and branch box
Gas(mm)	φ15.88	Refer to installation manual of outdoor unit and branch box

(2) Outdoor unit: R22 type (MXZ-7A140VC)

	A	B
Liquid(mm)	φ9.52	Refer to installation manual of outdoor unit and branch box
Gas(mm)	φ19.05	Refer to installation manual of outdoor unit and branch box

### 4 See the following for the specifications of liquid pipe②, and gas pipe③

When outdoor unit is R22 type (MXZ-7A140VC), please connect three pipe⑥ to Gas pipe③ according to Fig.1.

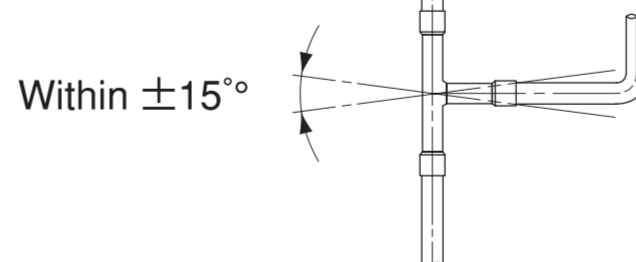


### 5 Installation direction of joint

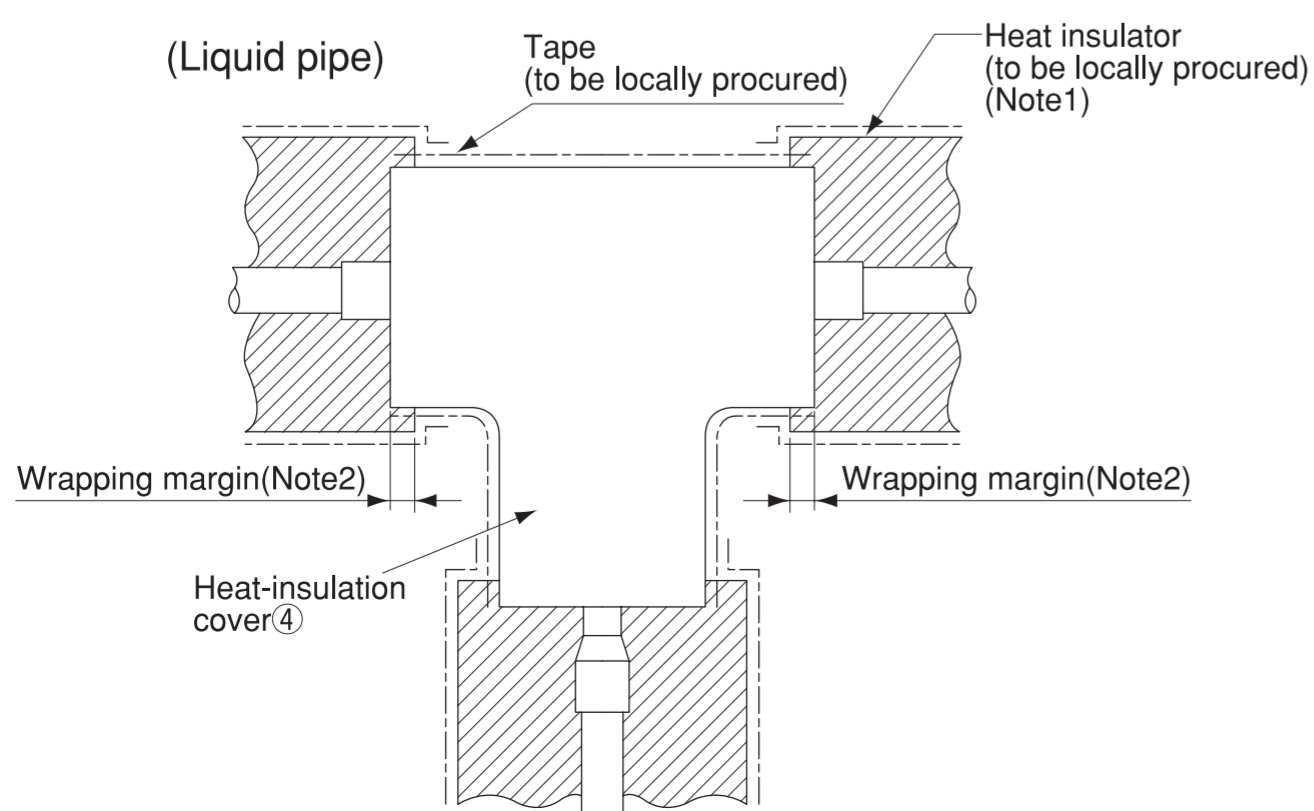
Horizontal direction



Vertical direction



### 6 Installing Heat Insulation Cover and Heat Insulators



• The liquid pipe (small) ② Make it fit the heat-insulation cover (small) ④. Seal the mating of the heat-insulation cover ④ with the tape for sealing heat insulators (to be locally procured).

• Do the same with the gas pipe (large) ③, using the heat-insulation cover ⑤ (large), as with the liquid pipe (small).

Note 1 : Install a heat insulator on every part of the refrigerant pipes (to be locally procured). If you want to use commercially-available heat insulators, use heat-resistant heat insulators (at least 15mm thick).

Note 2 : The pipe covers shrink a little under high heat. Therefore, allow for some wrapping margin in the heat insulators.