INSTALLATION INSTRUCTION
T-shape Branching Joint (Only for R410A)
MODEL : RBM-BT13E

Please read "Safety Cautions" described in the Installation Manual of the Air Conditioner.

- **Check the following parts in the package.**
- **For piping material and size of the refrigerant pipes, refer to the Installation Manual of the Air Conditioner.**

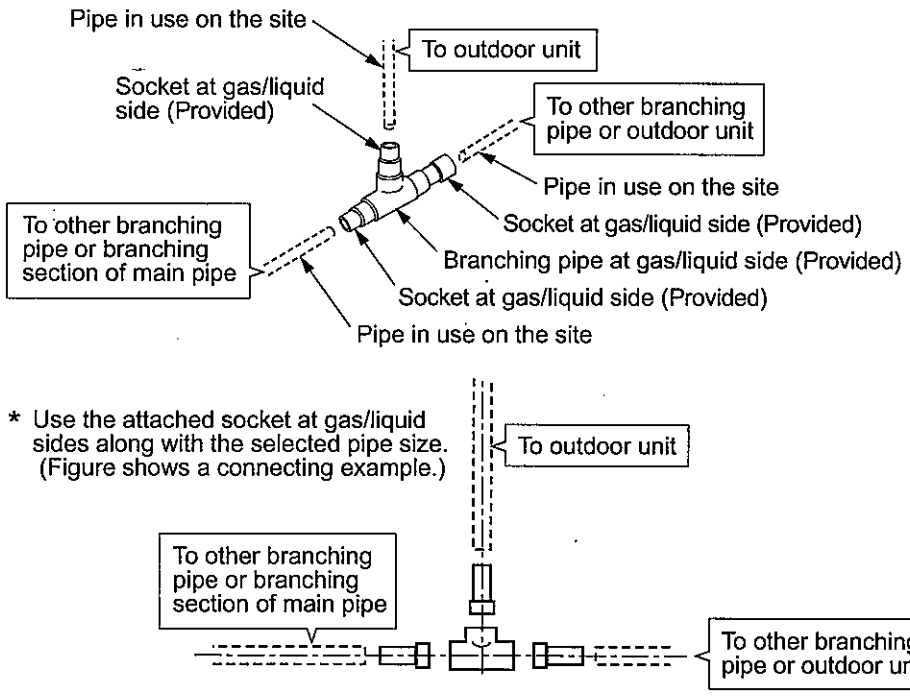
PARTS

NOTE : All dimentions are in millimeters.
In the following tables, ( ) indicates diameter of the indicated position, and others indicate diameter of the connected pipe.

	RBM-BT13E(T-shape branching joint)			
	Branching joint	Socket	No.	Diameter
Gas side	φ38.1 / φ38.1 φ38.1 / 1pc (The φ9.5 branching joint is contained in this part.)	diameter of the connected pipe / external diameter of soket	⑭ ⑬ ⑪ ⑥① ⑥②	φ19.1×(φ38.1) 1pc φ22.2×(φ38.1) 2pcs φ28.6×(φ38.1) 2pcs φ34.9×(φ38.1) 1pc φ41.3×(φ38.1) 1pc
Liquid side	φ22.2 / φ22.2 φ22.2 / 1pc		⑧⑥ ⑧⑤ ⑭ ⑱	φ 9.5 ×(φ22.2) 1pc φ12.7×(φ22.2) 2pcs φ15.9×(φ22.2) 2pcs φ19.1×(φ22.2) 1pc
Balance pipe side	φ9.5 / φ9.5 φ9.5 / 1pc (This part is contained in the φ38.1 branching joint.)	———	—	———

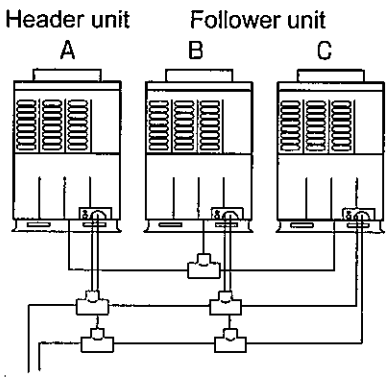
T-shape branching joint (For connection of outdoor unit)

<Branching pipes at gas side/liquid side>

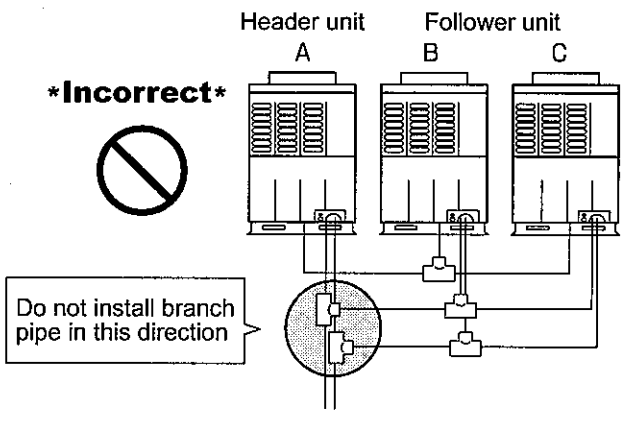


· Installation of branching pipes to gas side/liquid side/balance pipe side (Combination of three units)

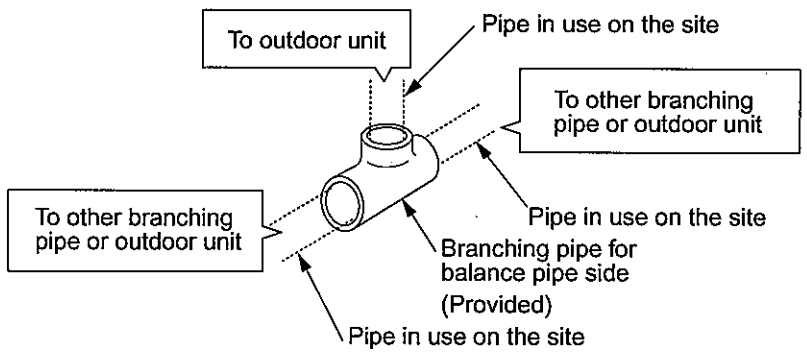
Correct



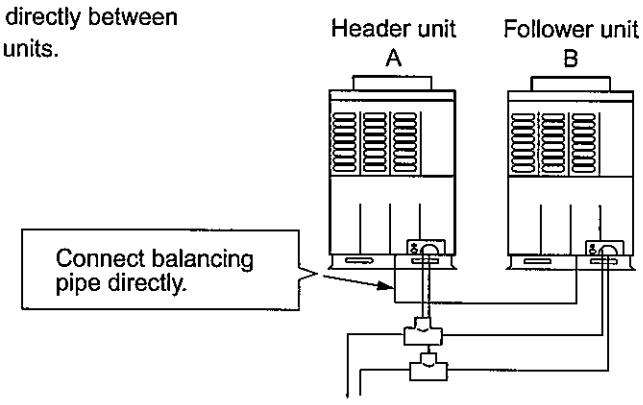
Incorrect



<Branching pipe for balance pipe side>

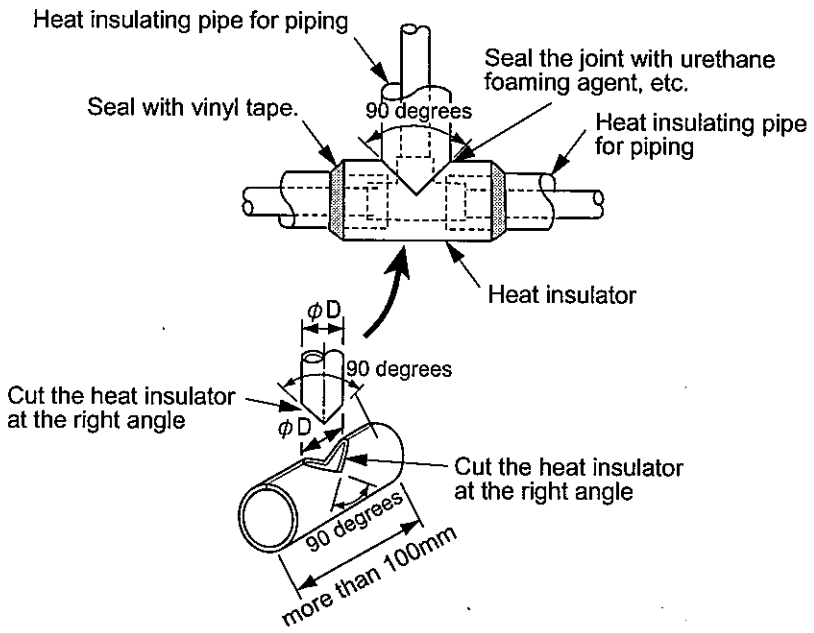


- When combining two units, connect directly between outdoor units.



<Heat insulating for pipe (In use on the site)>

- **Be sure to perform heat insulating at liquid side and gas side, and balancing pipes separately. (Heat insulator for balancing is not provided.)**
- **Use heat-resisting heat insulator (120℃ or more) for pipes at gas side.**
- **To insulate heat of the barancing pipes, use a joint cover (For T-shape) available on the market that is with 10mm or more thickness, or one applied with machining as shown in the figure.**
- **Seal the branching piping completely without clearance to prevent dewing or falling of water drops.**



◇ REQUIREMENT◇

Condensation may occure on the heat insulator according to the atomosphere inside of the ceiling.
If the inside of the ceiling is subject to high temperature and high humidity, please add the glass wool (16 to 20 kg/m³, 10mm thick or more) on the heat insulator described above for the perfect heat insulation.