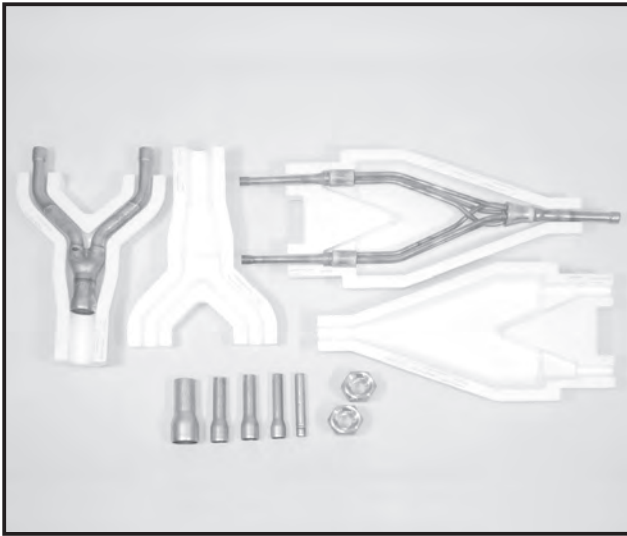


## Photo



## Descriptions

Branch pipe for Multi-System Twin type Twin use. (50:50)

## Applicable Models

■ PUZ-ZM200,250YKA

■ PUZ-M200,250YKA

for Twin 50:50 use

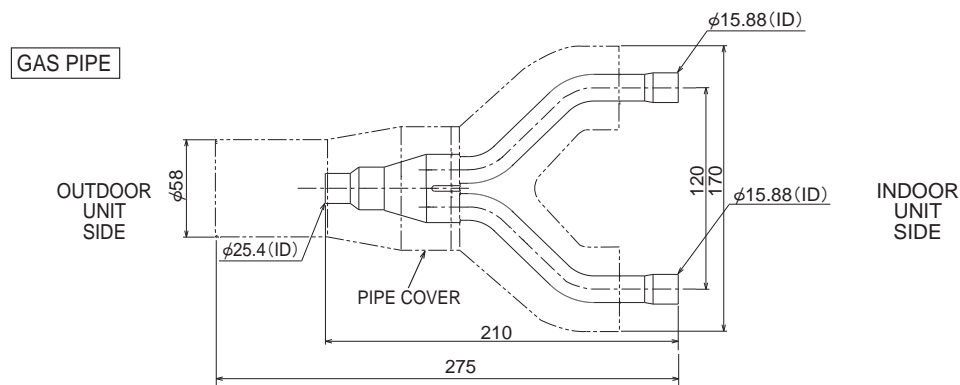
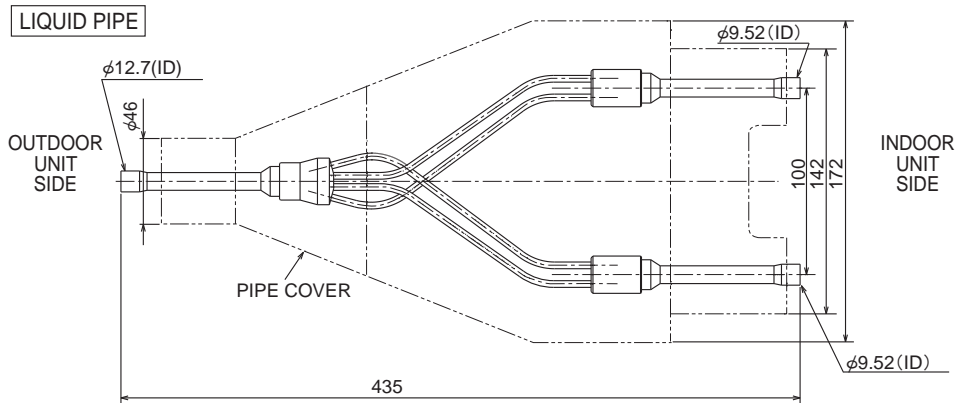
[R32 type]

## Specifications

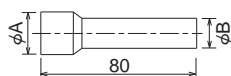
Main body	Distribution ratio	Outdoor unit capacity is divided into two (50:50)
	Number of distribution pipes	1 each for liquid pipe and gas pipe
	Pipe material	Phosphate deoxidized copper C1220T-OL (JIS H3300)
Accessory	Pipe cover	Styrofoam molding (for liquid pipe and gas pipe)
	Joint	5 joints (4 types)

## Dimensions

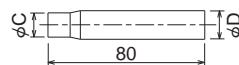
Unit: mm



### JOINT (Accessory)



$\phi A$ (ID)	$\phi B$ (OD)	Amount
28.6	25.4	1
15.88	12.7	1
19.05	15.88	2



$\phi C$ (ID)	$\phi D$ (OD)	Amount
9.52	12.7	1

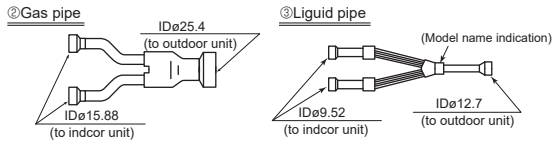
OPTIONAL PARTS

# How to Use / How to Install

## 1 Make sure that you have all the following parts in packing box before installation.

① Instruction sheet	② Gas pipe	③ Liquid pipe	④ Pipe cover (for gas pipe)	⑤ Pipe cover (for liquid pipe)	⑥ Joint pipe	⑦ Flare nut
1 sheet	1pc	1pc	1pc	1pc	<ul style="list-style-type: none"> <li>⑥ ø12.7→ø9.52 ••• 1pc</li> <li>⑥ ø12.7→ø15.88 ••• 1pc</li> <li>⑥ ø15.88→ø19.05 ••• 2pcs</li> <li>⑥ ø25.4→ø28.6 ••• 1pc</li> </ul>	⑦ 5/8F ••• 2pcs For R32 indoor unit.

• See the following for the specifications of gas pipe ②, and liquid pipe ③.



**Note:**

The following items must be obtained locally in addition to the packed parts.

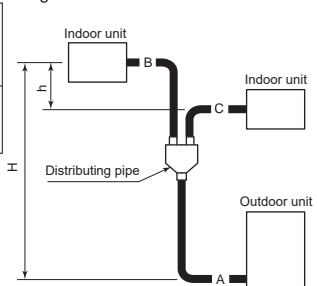
- ⑧ Heat insulating sealing tape
- ⑨ Extension pipe for refrigerant pipe

## 2 Pipe size and limit to refrigerant pipe

■ For R32 power inverter

Outdoor unit capacity	Pipe size (mm)				Actual pipe length (m)			Difference of elevation (m)		Note 1 Number of bends
	Gas pipe side		Liquid pipe side		Indoor-Outdoor	A+B+C=	Indoor-Outdoor	Indoor-Outdoor	Indoor-Outdoor	
	Outdoor unit side	Indoor unit side	Outdoor unit side	Indoor unit side						
200	ø25.4	35, 50 ø12.7<1/2>	ø9.52	35, 50 ø6.35<1/4>	Refer to the instruction manual of the outdoor unit.					
250	<1>	60~125 ø15.88<5/8>	<1/2>	60~125 ø9.52<3/8>						

<Fig. 1>



Note 1: Limit the number of bends for refrigerant pipes to 8 in each of the <A+B> and <A+C> ranges.

• See the installation manual provided with the main unit for details on charge-less pipe length and refrigerant additional charge amount.

## 3 Pipe connections

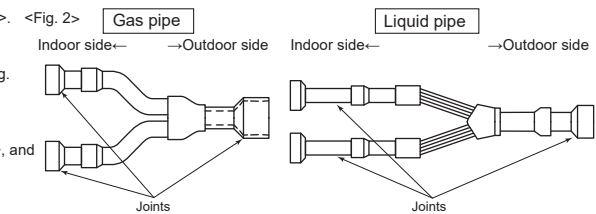
1. Perform work, taking care with the following:

- Be sure to check the combination pattern of indoor and outdoor units and joints to be used <Table 2>.
- Be sure to observe the limits to refrigerant pipe length and number of bends <Table 1>.
- Insert the refrigerant pipe (procured at local site) and joint ⑥ into the expanded pipe portions of distributing pipe (this product) until they stop, and then connect them using anti-oxidization soldering.
- There is no restriction on the orientation of distributing pipe (this product) during installation.
- Take care that no foreign object, such as dust, enters during pipe connecting work.

2. Pipe connections

- The provided joint(s) ⑥ will be necessary depending on the capability of model used: See <Table 2>, and connect the joints as shown in <Fig. 2>.
- Do not bend or widen the distributing pipe (liquid pipe).

Combination pattern of indoor and outdoor units and joints to be used:

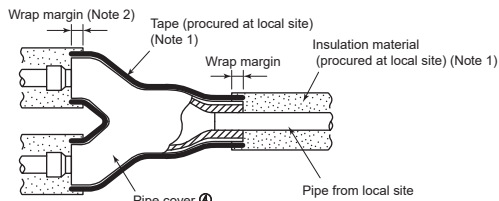


■ For R32 power inverter

Outdoor unit	Indoor unit	Joint to be used
200	100+100	⑥ Outerø12.7-innereø9.52[outdoor liquid pipe side]
250	125+125	No joint is necessary

Note 1: Installation positions in brackets [ ].

## 4 Heat insulation work



- Fit gas pipe ② into pipe covers ④, and then seal the mated portion of pipe cover ④ using heat insulation seal tape (procured at local site).
- Process liquid pipe ③ in the same way.

**Notes:**

1. Cover the entire refrigerant pipe (procured at local site) with heat insulation material. When using generally available heat insulation material, heat-resistant insulation material (at least 12 mm thick).
2. Pipe covers ④ and ⑤ will shrink slightly at high temperatures: Provide wrap margins with insulation material.

Please install contents other than this description on the main part of a product with an attached installation description, and use them as it.