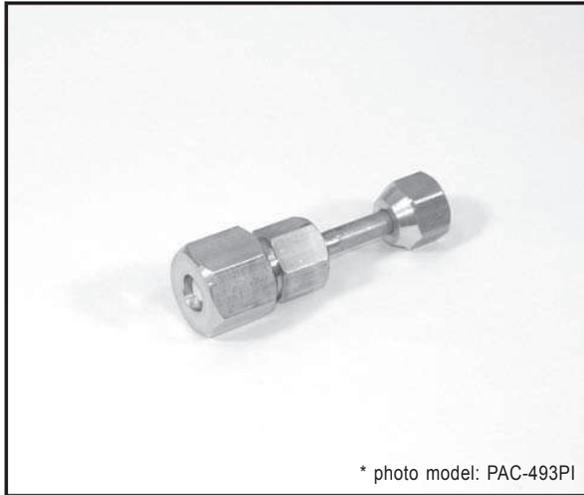


Photo



Descriptions

A part to connect refrigerant pipes of the different diameter.  
(Unit  $\phi 12.7 \rightarrow \phi 15.88$ )

Applicable Models

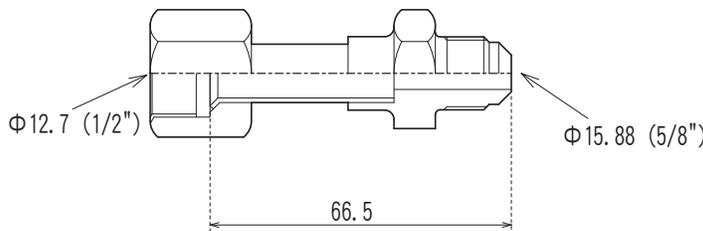
- MXZ-4A71VA      ■ MXZ-8A140VA
- MXZ-4A80VA      ■ PAC-AK30BC
- MXZ-5A100VA      ■ PAC-AK50BC

Specifications

|               |              |
|---------------|--------------|
| Pipe diameter | $\phi 12.7$  |
| Pipe material | C 1220T - OL |

Dimensions

Unit : mm (inch)



How to Use / How to Install

Make sure that you have all the following parts, in addition to this manual in this box:

- Joint Pipe  
 PAC-SG76RJ-E (unit side:  $\phi 9.52$  diameter, onsite pipe side:  $\phi 15.88$  diameter)  
 PAC-493PI (unit side:  $\phi 6.32$  diameter, onsite pipe side:  $\phi 9.52$  diameter)  
 MAC-A454JP-E (unit side:  $\phi 9.52$  diameter, onsite pipe side:  $\phi 12.7$  diameter)  
 MAC-A455JP-E (unit side:  $\phi 12.7$  diameter, onsite pipe side:  $\phi 9.52$  diameter)  
 MAC-A456JP-E (unit side:  $\phi 12.7$  diameter, onsite pipe side:  $\phi 15.88$  diameter)

Installation procedure  
 (carefully read the following before installing.)  
 This optional part is used to connect indoor/outdoor unit to onsite pipes of different diameters.  
 ※ When installing this optional part, be sure to read "Refrigerant pipe connection" in the installation manual attached to outdoor unit.

Unit side      Onsite piping side

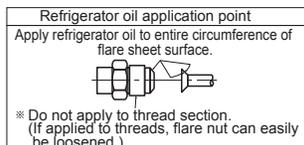
- Apply flare processing to onsite pipes to adapt to R410A, according to the table on the right. Use optional accessory flare nut at this time.  
 ※ Check the installation manual attached to the outdoor unit for advisability on whether or not onsite (existing) pipes can be used.

| Pipe diameter (mm)  | B size (mm)      |                      |
|---------------------|------------------|----------------------|
|                     | R410A flare tool | R22/R407C flare tool |
| $\phi 6.35$ (1/4")  | 0~0.5            | 1.0~1.5              |
| $\phi 9.52$ (3/8")  | 0~0.5            | 1.0~1.5              |
| $\phi 12.70$ (1/2") | 0~0.5            | 1.0~1.5              |
| $\phi 15.88$ (5/8") | 0~0.5            | 1.0~1.5              |

※ When flare processing for refrigerant R410A is applied using current tool, refer to the table above. B size can be secured using copper pipe gauge for margin adjustment.

| Outer diameter of copper pipe (mm) | Processing size of flare section (mm) | Flare shape |
|------------------------------------|---------------------------------------|-------------|
| $\phi 6.35$                        | 8.7~9.1                               |             |
| $\phi 9.52$                        | 12.8~13.2                             |             |
| $\phi 12.70$                       | 16.2~16.6                             |             |
| $\phi 15.88$                       | 19.3~19.7                             |             |

- Remove caps (both ends) for protection against mixing of foreign materials from optional part, and thinly apply refrigerant oil (locally procured) on flare surface.
- Securely tighten flare nut using torque wrench according to the table on the right.  
 (Proper tightening torque using torque wrench)
- After refrigerant pipe is connected, be sure to perform gas leakage inspection for onsite connection pipes (including this optional part) and indoor/outdoor unit.
- Heat insulation is necessary for this optional part. Wrap heat insulator (locally procured) around the onsite pipes and also the optional part (for dewdrop dripping prevention).
- Perform test run according to the installation manual of the unit, making sure to also perform operation check.



OPTIONAL PARTS