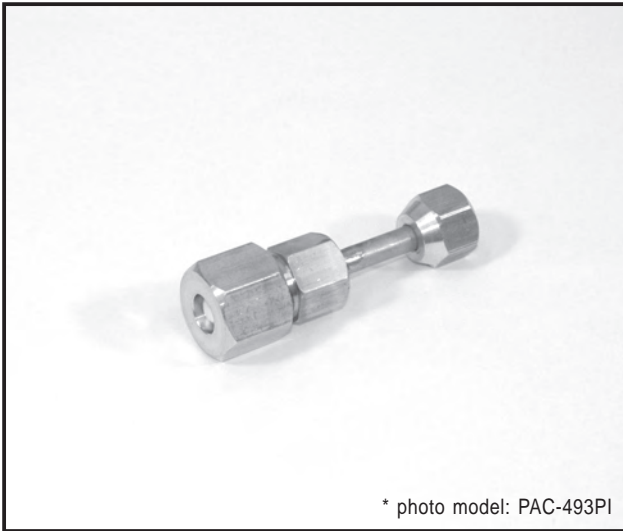




### Photo



### Descriptions

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

### Applicable Models

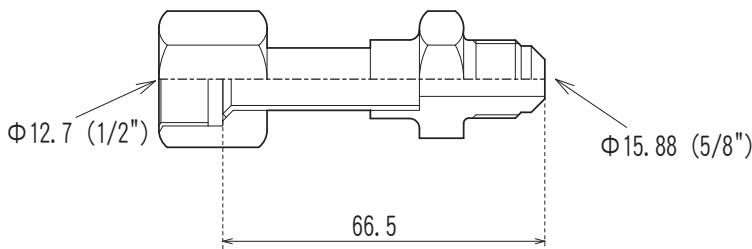
- MXZ-4E72VA
- MXZ-4E83VA
- MXZ-5E102VA
- MXZ-6D122VA2
- MXZ-4E83VAHZ
- MXZ-4F72VF3
- MXZ-4F80VF3
- MXZ-4F83VF
- MXZ-5F102VF
- MXZ-6F122VF

### 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.

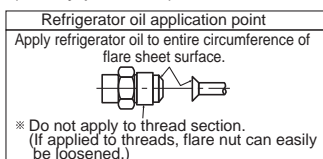
※ Check the installation manual attached to the outdoor unit for advisability on whether or not onsite (existing) pipes can be used.

| 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 or 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>

| Outer diameter of copper pipe (mm) | Tightening torque N·m (kgf·cm) |
|------------------------------------|--------------------------------|
| $\phi 6.35$                        | 14 - 18(140 - 180)             |
| $\phi 9.52$                        | 34 - 42(340 - 420)             |
| $\phi 12.70$                       | 49 - 61(490 - 610)             |
| $\phi 15.88$                       | 68 - 82(680 - 820)             |

- 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