

MJ-T15.8

Generic MJ-T15.8 5/8 Inch Tee Pipe Connector Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation and use of the Generic MJ-T15.8 Tee Pipe Connector. This connector is designed for creating a three-way junction in various hard hose systems. It is suitable for applications involving hot water pipes, solar pipes, air conditioners, and air pressure pipes. Please read these instructions carefully before installation and use.

2. PRODUCT FEATURES

- **Type:** Tee connector for three-way pipe junctions.
- **Material:** Durable plastic construction.
- **Connection:** Flange type for secure hose attachment.
- **Shape:** Equal branches for consistent flow.
- **Model Number:** MJ-T15.8.

3. SPECIFICATIONS

Specification	Detail
Model Number	MJ-T15.8
Type	Tee
Connection	Flange
Technics	Casting
Shape	Equal
Material	Plastic
Nominal Pipe Size	5/8 inch (15.8mm)



Figure 1: MJ-T15.8 Tee Pipe Connector Dimensions. This image illustrates the key dimensions of the MJ-T15.8 Tee Pipe Connector. It shows an overall length of 88mm, a width of 54mm, and branch lengths of 29mm. The internal diameter (ID) is 13.3mm, and the external diameters are 15.8mm and 18.2mm at different points.

4. INSTALLATION INSTRUCTIONS

- 1. Preparation:** Ensure the ends of the hoses to be connected are clean, free from debris, and cut squarely. Verify that the hose dimensions match the connector's specifications (5/8 inch or 15.8mm nominal).
- 2. Fitting:** Gently push the hose ends onto the flanged connections of the MJ-T15.8 connector. Apply even pressure until the hose is fully seated against the flange. For tighter fits, a small amount of water or a non-petroleum-based lubricant can be used on the hose end.
- 3. Securing (Optional):** For high-pressure applications or to ensure maximum security, hose clamps (not included) can be applied over the hose ends where they meet the connector's flanges.
- 4. Leak Check:** After installation, pressurize the system and carefully inspect all connections for any leaks. Tighten clamps or re-seat hoses if necessary.

5. INTENDED USE AND APPLICATION

The MJ-T15.8 Tee Pipe Connector is designed for creating a durable and reliable three-way junction in various fluid and air transfer systems. Its plastic construction makes it suitable for applications where corrosion resistance is important.

Common applications include:

- Hot water plumbing systems.
- Solar heating pipe installations.
- Air conditioning drainage or refrigerant lines (ensure compatibility with refrigerant type).
- Low to medium pressure air lines.

Note: This product is not sterile and is not intended for medical or pharmaceutical applications requiring sterile components without prior sterilization.

6. MAINTENANCE AND CARE

The MJ-T15.8 connector requires minimal maintenance. Periodically inspect connections for signs of wear, cracks, or leaks, especially in systems subject to vibration or temperature fluctuations.

Clean the exterior with a mild soap and water solution if necessary. Avoid using harsh chemicals or abrasive cleaners that could damage the plastic material.

7. TROUBLESHOOTING

Leakage at Connection Points:

- **Cause:** Hose not fully seated, incorrect hose size, or lack of hose clamps.
- **Solution:** Ensure hoses are pushed completely onto the connector flanges. Verify hose internal diameter matches the connector's external diameter. Apply appropriate hose clamps for a secure seal.

Difficulty Attaching Hoses:

- **Cause:** Tight fit, cold hoses, or burrs on hose ends.
- **Solution:** Warm the hose ends slightly to make them more pliable. Use a small amount of water or non-petroleum-based lubricant. Ensure hose ends are cleanly cut and free of burrs.

8. IMPORTANT SAFETY INFORMATION

- Do not use this connector with hoses or systems operating beyond its specified pressure or temperature limits.
- Ensure all connections are secure before operating any system.
- This product is not designed for use with potable water systems unless specifically sterilized and certified for such use.
- Keep out of reach of children.
- Dispose of the product responsibly according to local regulations at the end of its service life.