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› NEW 1/2" Barbed Brass Hose Tee 3 Way Fitting (Model 1790808C) Instruction Manual

**NEW 1790808C**

# Instruction Manual

## NEW 1/2" BARBED BRASS HOSE TEE 3 WAY FITTING (MODEL 1790808C)

### 1. Introduction

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This manual provides essential information for the proper installation, operation, and maintenance of the NEW 1/2" Barbed Brass Hose Tee 3 Way Fitting, Model 1790808C. Please read these instructions thoroughly before use to ensure safe and efficient performance.

### 2. Product Overview

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The NEW 1/2" Barbed Brass Hose Tee is a durable 3-way fitting designed for connecting three hoses of 1/2 inch inner diameter. Constructed from brass, it offers corrosion resistance and reliability in various applications.



Figure 2.1: The 1/2" Barbed Brass Hose Tee 3 Way Fitting. This image displays the brass fitting with three barbed ends, designed for secure hose connections.

### 3. Specifications

Feature	Detail
Product Type	Hose Tee Fitting
Model Number	1790808C
Size	1/2 inch (for hose inner diameter)
Material	Brass
Configuration	3 Way Barbed Tee
Manufacturer	Dixon

### 4. Setup and Installation

Follow these steps for proper installation of the barbed hose tee fitting:

- 1. Prepare Hoses:** Ensure the ends of the 1/2 inch hoses are cut cleanly and are free from debris.
- 2. Lubricate (Optional):** For easier insertion, a small amount of water or a compatible lubricant can be applied to the barbed ends of the fitting or the inside of the hose.
- 3. Attach Hoses:** Firmly push each hose end onto a barbed port of the tee fitting until it is fully seated past all barbs.
- 4. Secure Connections:** For applications involving pressure or critical sealing, secure each hose connection with a suitable hose clamp (not included) placed over the hose and behind the last barb.

5. **Inspect:** Visually inspect all connections to ensure they are secure and properly seated.

**Caution:** Do not overtighten hose clamps, as this can damage the hose or fitting. Ensure the hose material is compatible with the intended fluid and pressure.

## 5. Operating Instructions

Once installed, the 1/2" Barbed Brass Hose Tee operates passively as a junction for fluid or air flow. No specific operational steps are required for the fitting itself beyond ensuring proper installation.

- **Flow Direction:** The tee allows fluid or air to split from one inlet into two outlets, or combine from two inlets into one outlet.
- **Pressure Limits:** Adhere to the pressure ratings of the hoses and other components in your system. The brass fitting is designed for standard hose applications.
- **Temperature Limits:** Ensure the operating temperature is within the limits of the brass material and connected hoses.

## 6. Maintenance

The NEW 1/2" Barbed Brass Hose Tee requires minimal maintenance. Regular inspection is recommended to ensure continued performance.

- **Periodic Inspection:** Regularly check the fitting and hose connections for signs of wear, corrosion, leaks, or damage.
- **Cleaning:** If necessary, clean the exterior of the fitting with a mild soap and water solution. Avoid harsh chemicals that may damage the brass.
- **Replacement:** If any damage or significant wear is observed, replace the fitting immediately to prevent system failure.

## 7. Troubleshooting

Problem	Possible Cause	Solution
<b>Leakage at connection</b>	Hose not fully seated; missing or loose hose clamp; damaged hose or fitting.	Ensure hose is fully pushed onto barbs. Install or tighten hose clamp. Inspect hose and fitting for damage and replace if necessary.
<b>Difficulty attaching hose</b>	Hose inner diameter too small; lack of lubrication.	Verify hose is 1/2 inch ID. Apply water or compatible lubricant to barbs. Warm the hose end slightly to increase flexibility.
<b>Reduced flow</b>	Obstruction in hose or fitting; kinked hose.	Inspect hoses and fitting for blockages. Straighten any kinks in the hoses.

## 8. Warranty and Support

This product is manufactured by Dixon. For specific warranty information or technical support, please refer to the manufacturer's official documentation or contact Dixon directly. General product inquiries can be directed to the seller, Debro USA, via the platform where the product was purchased.

- **Manufacturer:** Dixon

- **Seller:** Debro USA (Seller Information)