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BrassCraft 112-02-R

BrassCraft 112-02-R 1/8 x Close Brass Nipple Instruction Manual

Model: 112-02-R

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your BrassCraft 112-02-R 1/8 x Close Brass Nipple. Please read these instructions carefully before proceeding with installation or use to ensure safe and effective performance.

The BrassCraft 112-02-R is a durable brass pipe fitting designed for various plumbing and industrial applications. It features 1/8-inch NPT (National Pipe Taper) threads on both ends, making it suitable for connecting two female-threaded components.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- Ensure all connections are properly sealed to prevent leaks.
- Do not overtighten fittings, as this can damage threads or the fitting itself.
- Verify compatibility of thread types and sizes before installation.
- If working with pressurized systems, relieve pressure before attempting installation or maintenance.

PRODUCT OVERVIEW



Figure 1: Illustration of the BrassCraft 112-02-R 1/8 x Close Brass Nipple. This image shows a cylindrical brass pipe nipple with external NPT threads on both ends, designed for connecting plumbing components.

The BrassCraft 112-02-R is a close nipple, meaning it has threads along its entire length, allowing for a tight connection between two female-threaded fittings with minimal exposed pipe. It is constructed from durable brass, offering corrosion resistance and longevity in various fluid transfer applications.

SETUP AND INSTALLATION

- 1. Prepare Components:** Ensure all mating threads are clean and free from debris. Inspect the nipple and receiving fittings for any damage.
- 2. Apply Thread Sealant:** Apply an appropriate thread sealant (e.g., PTFE tape or pipe thread compound) to the external threads of the brass nipple. Apply sealant in the direction of the threads to prevent unraveling during tightening.
- 3. Hand Tighten:** Carefully thread the nipple into the first female fitting by hand until snug.
- 4. Wrench Tighten:** Using a pipe wrench, tighten the connection. Do not overtighten. Typically, 1 to 2 full turns past hand-tight is sufficient for a secure, leak-free seal, depending on the sealant used and the specific application.
- 5. Connect Second Fitting:** Repeat the sealant application and tightening process for the second female fitting onto the other end of the nipple.
- 6. Test for Leaks:** After installation, slowly introduce pressure to the system and carefully check all connections for leaks. Address any leaks immediately by slightly tightening the connection or reapplying sealant if necessary.

Note: Always refer to local plumbing codes and regulations for specific installation requirements.

OPERATING CONSIDERATIONS

Once installed, the brass nipple operates as a static connection within your plumbing or industrial system. Its primary function is to provide a secure, leak-proof conduit for fluid or gas transfer between two components.

- Ensure the system's operating pressure and temperature do not exceed the specifications of the nipple and connected components.
- Avoid subjecting the nipple to excessive external forces or vibrations that could compromise the integrity of the connection.

MAINTENANCE

Brass nipples generally require minimal maintenance once properly installed. Regular inspection of the plumbing system is recommended.

- **Visual Inspection:** Periodically check the nipple and surrounding connections for any signs of corrosion, leaks, or physical damage.
- **Leak Detection:** If a leak is suspected, isolate the section, relieve pressure, and inspect the connection. Re-tighten or re-seal as needed.
- **Cleaning:** If exposed to external elements, the brass surface can be cleaned with a mild soap and water solution. Avoid abrasive cleaners that could damage the finish.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Leak at connection	Insufficient thread sealant, improper tightening, damaged threads, incompatible thread types.	Relieve pressure, disassemble, clean threads, reapply thread sealant, and re-tighten properly. Ensure thread compatibility. Replace damaged components.
Difficulty threading nipple	Cross-threading, debris in threads, incompatible thread sizes.	Ensure proper alignment before threading. Clean threads. Verify thread sizes (e.g., NPT 1/8 inch).
Corrosion on nipple surface	Exposure to harsh chemicals or environmental conditions.	Clean with mild soap and water. Consider protective coatings if exposure is unavoidable. If structural integrity is compromised, replace the nipple.

SPECIFICATIONS

Feature	Detail
Model Number	112-02-R
Brand	BrassCraft
Material	Brass
Connector Type	Nipple
Thread Type	NPT (National Pipe Taper)
Size	1/8 inch
Exterior Finish	Brass
Item Weight	Approximately 16 ounces (1 pound)
UPC	026613004495

WARRANTY INFORMATION

BrassCraft products are manufactured to high-quality standards. For specific warranty details regarding the 112-02-R 1/8 x Close Brass Nipple, please refer to the official BrassCraft website or contact their customer service directly. Warranty terms typically cover defects in material and workmanship under normal use and service.

Keep your purchase receipt as proof of purchase for any warranty claims.

SUPPORT AND CONTACT

If you have any questions, require technical assistance, or need to report an issue with your BrassCraft 112-02-R 1/8 x Close Brass Nipple, please contact BrassCraft customer support.

- **Website:** Visit the official BrassCraft website for FAQs, product information, and contact options.
- **Customer Service:** Refer to the product packaging or BrassCraft's official website for current customer service contact numbers and hours of operation.

