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› Brasscraft 112-04-R 1/4-inch Close Brass Nipple Instruction Manual

Brasscraft 112-04-R

Brasscraft 112-04-R 1/4-inch Close Brass Nipple Instruction Manual

Model: **112-04-R** | Brand: **Brasscraft**

INTRODUCTION

This instruction manual provides essential information for the proper installation, usage, and maintenance of your Brasscraft 112-04-R 1/4-inch Close Brass Nipple. Please read this manual thoroughly before installation and retain it for future reference. This product is designed for plumbing applications to connect two female threaded pipes or fittings.

SAFETY INFORMATION

Always observe basic safety precautions when working with plumbing components. Failure to follow these instructions could result in property damage or personal injury.

- **Turn off water supply:** Before beginning any plumbing work, ensure the main water supply to the area is completely shut off.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses and gloves.
- **Use correct tools:** Employ appropriate wrenches and tools for tightening fittings.
- **Do not overtighten:** Excessive force can damage threads on the nipple or mating fittings, leading to leaks.
- **Check for leaks:** After installation, slowly restore water pressure and carefully inspect all connections for leaks.

PRODUCT OVERVIEW

The Brasscraft 112-04-R is a 1/4-inch NPT (National Pipe Taper) close brass nipple. A close nipple is a pipe fitting that is very short, with threads running along its entire length, allowing two other fittings to be connected as closely as possible. It is constructed from durable brass, suitable for various plumbing

applications.

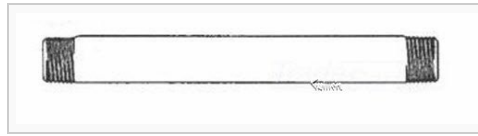


Image: Brasscraft 112-04-R 1/4-inch Close Brass Nipple. This image shows the short, fully threaded brass pipe fitting.

INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of the brass nipple:

1. **Prepare threads:** Ensure that the threads on both the nipple and the mating female fittings are clean and free from debris.
2. **Apply thread sealant:** Apply an appropriate amount of PTFE (Teflon) tape or pipe thread compound to the male threads of the brass nipple. Wrap PTFE tape clockwise around the threads, typically 2-3 wraps.
3. **Hand tighten:** Carefully thread the nipple into the first female fitting by hand until it is finger-tight. Ensure it is not cross-threaded.
4. **Wrench tighten:** Using an appropriate wrench, tighten the nipple an additional 1 to 2 turns past finger-tight. Avoid excessive force to prevent stripping threads or cracking fittings.
5. **Connect second fitting:** Repeat steps 3 and 4 for the second female fitting, connecting it to the other end of the brass nipple.
6. **Test for leaks:** Slowly turn on the water supply and carefully inspect all connections for any signs of leakage. If leaks are detected, turn off the water, slightly tighten the connection, and re-test. If leaks persist, disassemble, reapply sealant, and reassemble.

USAGE

The Brasscraft 112-04-R 1/4-inch Close Brass Nipple is designed to create a secure, leak-free connection between two female NPT threaded components in a plumbing system. It is suitable for use in various residential, commercial, and industrial applications where brass fittings are appropriate for the fluid being conveyed.

MAINTENANCE

Brass nipples generally require minimal maintenance. However, periodic inspection is recommended to ensure system integrity.

- **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, follow the troubleshooting steps outlined in this manual.
- **Replacement:** If the nipple shows signs of significant corrosion, cracking, or damage, it should be replaced immediately by a qualified professional.

TROUBLESHOOTING

Most issues related to pipe nipples involve leaks. Use the following guide to address common problems:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Leak at connection point	Insufficient thread sealant, loose connection, damaged threads, cross-threading.	Turn off water supply. Disassemble the connection. Inspect threads for damage. Clean threads. Reapply thread sealant (PTFE tape or compound). Reassemble and tighten appropriately. Test for leaks. If threads are damaged, replace the nipple or fitting.
Nipple will not thread into fitting	Cross-threading, incorrect thread size, debris in threads.	Ensure correct thread size (NPT 1/4-inch). Clear any debris from threads. Carefully align and attempt to hand-thread again. Do not force. If cross-threaded, threads may be damaged and require replacement.

SPECIFICATIONS

The following are the technical specifications for the Brasscraft 112-04-R 1/4-inch Close Brass Nipple:

- **Model Number:** 112-04-R
- **Brand:** Brasscraft
- **Material:** Brass
- **Connector Type:** Nipple
- **Thread Size:** 0.25 inch (1/4-inch NPT)
- **Thread Type:** NPT (National Pipe Taper)
- **Exterior Finish:** Brass
- **Color:** Brass
- **Item Weight:** 16 ounces (approximate)
- **Unit Count:** 1 Count
- **UPC:** 026613004501
- **GTIN:** 026613004501

WARRANTY AND SUPPORT

Brasscraft products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty documentation provided with your purchase or visit the official Brasscraft website. For technical support or inquiries, please contact Brasscraft customer service through their official channels.