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› General Pump D10032 GHX1/2 NPT-M Brass Fitting Instruction Manual

General Pump D10032

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1. PRODUCT OVERVIEW

The General Pump D10032 is a durable brass fitting designed for pressure washer applications. It features a garden hose thread (GH) connection on one end and a 1/2 inch NPT male thread on the other. This fitting includes an integrated screen filter and a spring, providing filtration and secure connection for various fluid transfer needs.



Figure 1: View of the General Pump D10032 fitting, illustrating the female garden hose thread (GH) connection with its integrated screen filter. This screen helps prevent debris from entering your system.



Figure 2: View of the General Pump D10032 fitting, showing the male 1/2 inch NPT thread. A spring is coiled around this end, typically used for strain relief or to secure a hose connection.

2. SPECIFICATIONS

Feature	Specification
Model Number	D10032
Material	Brass
Thread Type (Inlet)	Garden Hose Thread (GH)
Thread Type (Outlet)	1/2 inch NPT Male
Color	Brass
Exterior Finish	Brass
Item Weight	0.01 Ounces
Number of Pieces	1
UPC	735548949466
ASIN	B016V96C3W
GTIN	735548949466

3. SETUP

Follow these steps for proper installation of the D10032 fitting:

- Inspect Components:** Before installation, carefully inspect the fitting for any signs of damage, such as bent threads or cracks. Ensure the internal screen filter is clean and properly seated.
- Ensure Compatibility:** Verify that the garden hose thread (GH) end is compatible with your water source or hose, and the 1/2 inch NPT male thread is compatible with your pressure washer pump inlet or other NPT female connection.
- Prepare Threads:** For the 1/2 inch NPT male thread, apply an appropriate thread sealant (e.g., PTFE tape or pipe thread compound) to ensure a watertight seal and prevent leaks. Wrap the sealant clockwise around the threads, starting from the second thread from the end.
- Connect Garden Hose:** Hand-tighten the garden hose connection onto the GH end of the fitting. Avoid over-tightening, which can damage the plastic threads of a garden hose. Ensure a rubber washer is present in the garden hose connection for a proper seal.
- Connect NPT Side:** Thread the 1/2 inch NPT male end into the corresponding female NPT port. Hand-tighten first, then use a wrench to tighten an additional 1 to 2 turns past hand-tight, or as recommended by the equipment manufacturer, to achieve a secure, leak-free connection. Do not over-tighten.
- Check for Leaks:** After installation, turn on the water supply and carefully check all connections for any leaks. Tighten slightly if necessary.

4. OPERATING

Once the D10032 fitting is correctly installed, its operation is passive, facilitating the flow of water while providing filtration.

- **Water Flow:** The fitting allows water to flow from the garden hose connection through the internal screen filter and out the 1/2 inch NPT male connection to your equipment.
- **Filtration:** The integrated screen filter prevents larger particles and debris from entering your pressure washer pump or other sensitive equipment, protecting them from damage and ensuring consistent performance.
- **Monitoring:** Periodically observe the water flow. A significant reduction in flow may indicate a clogged screen filter, requiring maintenance.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your D10032 fitting.

- **Inspect Regularly:** Visually inspect the fitting before and after each use for any signs of wear, corrosion, or damage to the brass body or threads.
- **Clean Screen Filter:** The internal screen filter can accumulate debris over time. To clean:
 1. Disconnect the fitting from both the water source and the equipment.
 2. Carefully remove the screen filter.
 3. Rinse the screen under running water to remove any trapped particles. A soft brush can be used for stubborn debris.
 4. Reinsert the clean screen filter, ensuring it is properly seated before reattaching the fitting.
- **Check Threads and Seals:** Ensure threads are free of damage and that any rubber washers or O-rings in the garden hose connection are in good condition. Replace worn seals as needed.
- **Storage:** Store the fitting in a clean, dry place when not in use to prevent corrosion and damage.

6. TROUBLESHOOTING

Address common issues with your D10032 fitting using the following guide:

- **Issue: Water Leaks from Connections**
 - **Possible Cause:** Loose connection.
 - **Solution:** Tighten connections appropriately. For NPT threads, ensure thread sealant (PTFE tape or pipe dope) is applied correctly. For garden hose connections, ensure a rubber washer is present and not damaged.
- **Issue: Reduced Water Flow**
 - **Possible Cause:** Clogged internal screen filter.
 - **Solution:** Disconnect the fitting and clean the screen filter as described in the Maintenance section.
- **Issue: Difficulty Connecting Fitting**
 - **Possible Cause:** Damaged or cross-threaded threads; incompatible thread type.
 - **Solution:** Inspect threads for damage. If damaged, the fitting may need replacement. Ensure you are connecting to the correct thread types (GH to GH, NPT to NPT). Do not force connections.

7. WARRANTY AND SUPPORT

For specific warranty information regarding your General Pump D10032 fitting, please refer to the documentation provided at the time of purchase or visit the official General Pump website. If you require technical assistance or have questions not covered in this manual, please contact General Pump customer support directly.