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General Pump D10033

Instruction Manual

General Pump D10033 Fitting Gh x 3/8 NPT-M

Model: D10033 | Brand: General Pump

PRODUCT OVERVIEW

The General Pump D10033 Fitting is an essential component designed for use with smaller pumps, specifically those featuring a 3/8" FNPT (Female National Pipe Taper) inlet. This brass fitting ensures a secure and efficient connection, facilitating proper fluid transfer within your pressure washing or pumping system. Its robust construction is engineered for durability and reliable performance in demanding environments.



Figure 1: General view of the General Pump D10033 Fitting, showcasing its brass construction and overall design.

SETUP AND INSTALLATION

Before You Begin

- Ensure the pump's inlet port is clean and free of debris.
- Verify that the pump's inlet port is indeed 3/8" FNPT to ensure compatibility.
- Have appropriate thread sealant (e.g., PTFE tape or pipe thread compound) available for a leak-free connection.

Installation Steps

1. **Prepare the Threads:** Apply a suitable thread sealant to the male NPT threads of the D10033 fitting. Wrap PTFE tape clockwise around the threads 3-5 times, or apply a thin, even layer of pipe thread compound.
2. **Align the Fitting:** Carefully align the male NPT end of the D10033 fitting with the 3/8" FNPT inlet port of your pump. Ensure it is straight to prevent cross-threading.



Figure 2: Close-up of the fitting's male NPT end, ready for thread sealant application and connection.

3. **Hand-Tighten:** Begin to thread the fitting into the pump's inlet port by hand. Turn clockwise until it is finger-tight. If resistance is felt immediately, stop and re-align to avoid cross-threading.
4. **Wrench-Tighten:** Using an appropriate wrench, tighten the fitting an additional 1 to 2 turns past hand-tight. Do not overtighten, as this can damage the threads or the pump housing. The goal is a snug, leak-free connection.
5. **Check for Leaks:** After installation, connect your water supply and run the pump briefly to check for any leaks around the newly installed fitting. If leaks are present, tighten slightly more or re-apply thread sealant.

OPERATION

General Use

The D10033 fitting is a passive component designed to facilitate the connection of a water supply to your pump's inlet. Once properly installed, it requires no active operation. Its internal design, which may include a check valve or filter screen depending on the specific variant, works automatically to ensure proper flow and prevent backflow or debris entry.

Ensure that the water supply connected to the fitting is clean and free of large particles that could obstruct the flow or damage the pump. Regular inspection of the fitting during pump operation is recommended to ensure there are no leaks or signs of wear.

MAINTENANCE

Cleaning

Periodically inspect the fitting for any accumulation of sediment or debris, especially if your water source is not perfectly clean. If the fitting contains an internal filter screen (as shown in Figure 3), it may need to be cleaned or replaced if flow is restricted.

- Disconnect the fitting from the pump and water supply.
- If equipped, carefully remove the internal screen or check valve components.
- Rinse components with clean water to remove any debris. A soft brush can be used for stubborn deposits.
- Reassemble the fitting, ensuring all components are correctly seated.



Figure 3: View of the fitting showing the internal mesh filter, which may require periodic cleaning.

Storage

When not in use for extended periods, disconnect the fitting from the pump and store it in a clean, dry

place. This prevents corrosion and protects the threads from damage. If the fitting was used with non-potable water, ensure it is thoroughly rinsed before storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Water Leak at Connection	Improperly applied thread sealant, loose connection, damaged threads.	Re-apply thread sealant and re-tighten. Inspect threads for damage; replace fitting if necessary.
Restricted Water Flow	Clogged internal filter screen (if present), debris in the fitting.	Disconnect and clean the internal filter screen. Flush the fitting to remove debris.
Fitting Will Not Thread On	Cross-threading, incorrect thread size.	Ensure proper alignment and correct thread size (3/8" NPT). Do not force.

SPECIFICATIONS


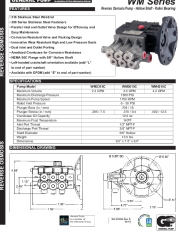
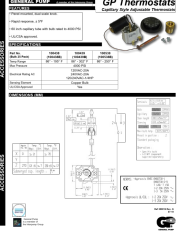


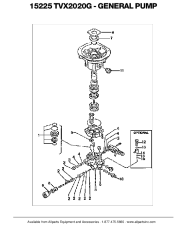
Attribute	Detail
Model Number	D10033
Brand	General Pump
Material	Brass
Color	Brass
Thread Size	0.375 inch
Thread Type	NPT (National Pipe Taper)
Exterior Finish	Brass

WARRANTY AND SUPPORT

Specific warranty information for the General Pump D10033 Fitting is typically provided at the point of purchase or through the official General Pump website. Please refer to your purchase documentation or the manufacturer's official resources for detailed warranty terms and conditions.

For technical support, installation assistance, or inquiries regarding replacement parts, please contact General Pump customer service directly. Contact information can usually be found on the product packaging or the manufacturer's official website.

Related Documents - D10033

	<p>General Pump Industrial Hose Reels Operator's Manual</p> <p>Operator's manual for General Pump Industrial Hose Reels, including assembly, operating instructions, safety precautions, and specifications for models DHRA50150, DHRA50300, and DHRA50450.</p>
	<p>General Pump WM Series Reverse Osmosis Pumps - Specifications and Parts</p> <p>Detailed specifications, features, and parts list for the General Pump WM Series Reverse Osmosis Pumps, including WM2315C, WM3015C, and WM4215C models. Features include stainless steel wet-end, corrosion resistance, and NEMA 56C flange.</p>
	<p>GP Thermostats: Capillary Style Adjustable Thermostats - General Pump</p> <p>Detailed specifications, dimensions, wiring diagrams, and assembly instructions for General Pump's GP Thermostats (Capillary Style Adjustable Thermostats), including models 100438, 100439, and 100538. Features rapid response and UL/CSA approval.</p>
	<p>General Pump EP Series Triplex Plunger Pump: Features, Specifications, and Installation Guide</p> <p>Detailed information on General Pump's EP Series Triplex Plunger Pumps, including features, technical specifications, installation recommendations, maintenance advice, and parts lists for models with a 1" hollow shaft.</p>
	<p>General Pump HTXS Series Emperor Pumps - Technical Specifications and Installation Guide</p> <p>Detailed information on General Pump's HTXS Series Emperor pumps, including features, specifications, installation recommendations, maintenance, and parts list. Covers models HTXS1810S, HTXS1812S, and HTXS1813S.</p>
	<p>15225 TVX2020G General Pump Parts and Repair Kit Information</p> <p>Detailed parts list and identification for the 15225 TVX2020G General Pump, including packing kit and unloader kit components. Information provided by Allparts Equipment and Accessories.</p>