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› Flotec FP13-43 Garden Hose Adapter User Manual

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Model: FP13-43

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Flotec FP13-43 Garden Hose Adapter. This adapter is designed to facilitate the connection of a standard garden hose to utility pumps featuring a 1-inch Male National Pipe Thread (MNPT) connection. Please read these instructions carefully before use to ensure safe and efficient operation.

PRODUCT OVERVIEW



Figure 1: Flotec FP13-43 Garden Hose Adapter. This image shows the black threaded adapter, designed to connect a garden hose to a utility pump with a 1-inch Male National Pipe Thread (MNPT).

The Flotec FP13-43 is a durable accessory crafted to provide a secure and leak-free connection between your utility pump and a standard garden hose. Its robust construction ensures longevity and reliable performance in various watering and pumping applications.

SETUP AND INSTALLATION

- 1. Identify Connections:** Ensure your utility pump has a 1-inch MNPT (Male National Pipe Thread) outlet. The adapter features a corresponding female thread for the pump connection and a male garden hose thread for the hose connection.
- 2. Prepare Threads:** Inspect both the pump's outlet threads and the adapter's threads for any debris or damage. Clean if necessary. For a more secure and leak-proof seal, it is recommended to apply PTFE (Teflon) tape to the 1-inch MNPT threads of the utility pump before attaching the adapter.
- 3. Attach to Pump:** Carefully thread the Flotec FP13-43 adapter onto the 1-inch MNPT outlet of your utility pump. Turn clockwise by hand until snug. Avoid cross-threading.
- 4. Tighten Connection:** Using an appropriate wrench, gently tighten the adapter an additional 1/2 to 1 turn past hand-tight. Do not overtighten, as this can damage the threads or the adapter.
- 5. Connect Garden Hose:** Thread your standard garden hose onto the male garden hose connection of the adapter. Hand-tighten until secure. A rubber washer inside the garden hose fitting is essential for a leak-free connection.
- 6. Check for Leaks:** Once all connections are made, turn on the pump and check for any leaks at the adapter connections. If leaks occur, tighten slightly or re-apply PTFE tape and re-thread.

OPERATING INSTRUCTIONS

The Flotec FP13-43 Garden Hose Adapter is a passive component designed to facilitate fluid transfer. Once properly installed, its operation is directly tied to the utility pump it is connected to. Ensure the pump is operated according to its manufacturer's instructions.

- Always ensure all connections are secure before activating the pump.
- Monitor the connections during pump operation for any signs of leaks or disconnections.
- Do not subject the adapter to excessive pressure beyond the rated capacity of your garden hose or utility pump.

MAINTENANCE

Regular maintenance will extend the life of your adapter and ensure continued performance.

- **Cleaning:** After each use, especially if used with dirty water, rinse the adapter thoroughly with clean water to remove any sediment or debris.
- **Inspection:** Periodically inspect the threads for wear, cracks, or damage. Ensure the garden hose washer is in good condition and replace if worn.
- **Storage:** When not in use, store the adapter in a clean, dry place, away from direct sunlight and extreme temperatures. This prevents material degradation and protects the threads.
- **Winterization:** If used in climates with freezing temperatures, ensure the adapter is completely drained of water before storage to prevent ice damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Water leaks at the pump connection.	• Insufficient tightening. • Damaged threads. • No PTFE tape or improperly applied.	• Gently tighten the connection further. • Inspect threads for damage; replace adapter or pump if necessary. • Remove adapter, re-apply PTFE tape correctly, and re-thread.
Water leaks at the garden hose connection.	• Missing or worn rubber washer in hose fitting. • Hose not tightened sufficiently. • Damaged hose threads.	• Insert or replace the rubber washer. • Hand-tighten the hose connection firmly. • Inspect hose threads; replace hose if damaged.
Difficulty threading the adapter onto the pump.	• Cross-threading. • Debris in threads. • Incompatible thread type/size.	• Unscrew, realign, and try again carefully. • Clean threads thoroughly. • Verify pump outlet is 1-inch MNPT.

SPECIFICATIONS

- **Brand:** Flotec
- **Model:** FP13-43
- **Connector Type:** Adapter
- **Pump Connection Thread Size:** 1 inch
- **Pump Connection Thread Type:** MNPT (Male National Pipe Thread)
- **Hose Connection:** Standard Garden Hose Thread
- **Item Dimensions (L x W x H):** 7 x 5 x 3 inches
- **Item Weight:** Approximately 0.01 Ounces
- **Number of Pieces:** 1
- **Manufacturer:** Flotec
- **UPC:** 022315148895
- **Country of Origin:** USA

WARRANTY INFORMATION

For detailed warranty information regarding the Flotec FP13-43 Garden Hose Adapter, please refer to the official Flotec website or contact their customer service. Warranty terms and conditions may vary and are subject to the manufacturer's policy at the time of purchase.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Flotec FP13-43 Garden Hose Adapter, please contact Flotec customer support through their official channels. You can typically find contact information on the product packaging or the manufacturer's website.

For general inquiries, you may also visit the [product page on Amazon](#) for additional details and customer reviews.

ASK A QUESTION ABOUT THIS MANUAL

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