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Savio 835217002390

Savio Livingponds Waterfall Filter Bottom Drain - K2001 Instruction Manual

PRODUCT OVERVIEW

The Savio Livingponds Waterfall Filter Bottom Drain Kit, model K2001, is designed to enhance the efficiency and ease of maintenance for your pond's waterfall filter system. This kit facilitates the draining and cleaning process, ensuring optimal water quality and filter performance. It includes a 2-inch shut-off valve and a 2-inch Slip x 2-inch MPT fitting for comprehensive integration into your existing setup.

SETUP AND INSTALLATION

Careful installation of the Savio Livingponds Waterfall Filter Bottom Drain is crucial for its proper function. This kit is intended to be integrated into the plumbing of your waterfall filter system to allow for easy draining of the filter chamber.



Image showing the Savio 2-inch shut-off valve and the 2-inch Slip x 2-inch MPT fitting, essential components for the bottom drain kit. The black valve features a T-handle for operation, and the white fitting is designed for connection.

Installation Steps:

1. **Prepare Plumbing:** Ensure your waterfall filter system's plumbing is ready to accept the bottom drain kit. This typically involves cutting into an existing drain line or preparing a new one.
2. **Connect Shut-off Valve:** Install the 2-inch shut-off valve into the drain line. Ensure secure, watertight connections using appropriate PVC cement or sealants as per plumbing best practices. The valve allows you to control the flow of water from the filter.
3. **Attach MPT Fitting:** Connect the 2-inch Slip x 2-inch MPT (Male Pipe Thread) fitting to the appropriate port on your filter or plumbing. This fitting provides a threaded connection point for the shut-off valve or other components.
4. **Test for Leaks:** After all connections are made, slowly fill the system and carefully inspect all new connections for any signs of leaks. Address any leaks immediately before full operation.

For detailed plumbing diagrams and specific filter integration instructions, refer to your primary waterfall filter manual or consult a qualified pond professional.

The Savio Livingponds Waterfall Filter Bottom Drain is designed for straightforward operation, primarily for draining and cleaning your filter system.

- **Normal Operation:** During normal pond operation, ensure the 2-inch shut-off valve is in the closed position to prevent water from continuously draining from your filter.
- **Draining for Cleaning:** To drain your waterfall filter for cleaning or maintenance, simply open the 2-inch shut-off valve. This will allow water and accumulated debris to flow out through the bottom drain.
- **Closing the Drain:** Once draining is complete or you have finished cleaning, close the shut-off valve securely to resume normal filtration and prevent water loss.

MAINTENANCE

Regular maintenance of your Savio Livingponds Waterfall Filter Bottom Drain ensures its longevity and effective operation.

- **Routine Draining:** Utilize the bottom drain regularly to flush out accumulated sludge and debris from the bottom of your waterfall filter. The frequency will depend on your pond's specific conditions and bioload.
- **Valve Inspection:** Periodically inspect the 2-inch shut-off valve for smooth operation. Ensure it opens and closes completely without excessive force. If the valve becomes stiff, it may require cleaning or lubrication suitable for pond components.
- **Connection Checks:** Annually, or if you notice any water loss, check all plumbing connections for tightness and integrity. Repair or reseal any connections showing signs of wear or leakage.
- **Winterization:** If you live in an area with freezing temperatures, ensure the drain line is completely emptied during winterization to prevent ice damage to the valve and plumbing.

TROUBLESHOOTING

If you encounter issues with your Savio Livingponds Waterfall Filter Bottom Drain, consider the following troubleshooting steps:

- **Slow or No Drainage:**
 - Ensure the shut-off valve is fully open.
 - Check for blockages in the drain line or within the filter chamber that might be obstructing flow.
- **Leaks at Connections:**
 - Inspect all plumbing connections for proper sealing. Tighten any loose fittings or reapply PVC cement/sealant if necessary.
 - Check the valve body for cracks or damage.
- **Valve Sticking:**
 - If the shut-off valve is difficult to operate, it may have accumulated debris. Attempt to flush the line by opening and closing the valve several times.
 - If the issue persists, the valve may need to be disassembled and cleaned, or replaced if damaged.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Savio
Part Number	835217002390
Item Weight	12 ounces
Product Dimensions	12 x 12 x 8 inches
Item Model Number	835217002390
Color	Black
Material	Resin
Item Package Quantity	1

WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or replacement parts for your Savio Livingponds Waterfall Filter Bottom Drain - K2001, please contact Savio customer service directly or visit their official website. Keep your purchase receipt and model number (K2001 or 835217002390) handy when contacting support.

Savio Official Website: <https://www.savioeng.com/>