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› XtremepowerUS High-Flo Sand Filter Pump System 12" Filter Tank 10,000 Gallons for Above Ground Pool 3/4HP Pool Pump 2400GPH Flow 13" Sand Filter with Pump

XtremepowerUS 75110

XtremepowerUS High-Flo Sand Filter Pump System User Manual

Brand: XtremepowerUS | Model: 75110

INTRODUCTION

The XtremepowerUS High-Flo Sand Filter Pump System is designed to provide efficient and reliable filtration for above-ground pools up to 10,000 gallons. Featuring a durable 12-inch filter tank and a powerful 3/4HP pump with a 2400 GPH flow rate, this system ensures crystal clear water with minimal effort. Its multi-port valve offers easy operation and quick backwashing, making pool maintenance simple and effective.



Figure 1: XtremepowerUS High-Flo Sand Filter Pump System Overview

COMPONENTS AND WHAT'S IN THE BOX

Before beginning assembly, ensure all components listed below are present and undamaged. Refer to Figure 2 for a visual guide to all included parts.

- Filter Tank (Blue, 12-inch)
- 3/4HP Pool Pump with Strainer Basket
- Multi-Port Valve (4-way)
- Pressure Gauge
- Hoses and Adapters
- Clamps and Fasteners
- Mounting Base
- Drain Nozzle and Caps



Figure 2: All Components Included in the Box

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. Follow these steps carefully. For a visual demonstration, please refer to the official installation video below.

Your browser does not support the video tag.

1. Assemble the Filter Tank

1. Place an O-ring into the long side of the filter drain nozzle.
2. Carefully route the long side of the nozzle from inside the filter barrel and push it out from the bottom drain hole.
3. Place another O-ring into the long side of the filter drain nozzle.
4. Secure the nozzle in place by screwing on the nut from outside the filter barrel.
5. Insert an O-ring into the drain hole nozzle cap and screw it onto the nozzle.
6. Place the filter assembly inside the filter barrel.
7. Position the funnel on top of the filter assembly, ensuring it's inserted correctly and centered.
8. Fill the filter with either filter balls or sand, following recommended guidelines. Remove the funnel after filling.

2. Install the Multi-Port Valve

1. Put the large O-ring onto the four-way valve.
2. Place the valve on the upper part of the filter, ensuring the top of the filter assembly is properly inserted into the bottom of the valve.
3. Ensure the valve pump opening aligns with the filter stand groove and the waste opening is oriented towards the drain nozzle.
4. Secure the valve in place with the locking rings. Place the square nut on one side of each locking ring and tighten.
5. Secure the pressure gauge with plumber's tape.
6. Remove the pressure gauge covering screws and screw the pressure gauge onto the valve.
7. Put O-rings on the hose adapters and screw the hose adapters onto the valve.

3. Install the Pump

1. Place the pump on top of the base, aligning it with all four screw holes.
2. Flip the mount base over and insert all four nuts into the mounting spaces.
3. Carefully flip the mounting base back and place the pump on the mounting base, aligning with the screw holes.
4. Place the bolts on the screw holes and tighten all four bolts with a Phillips screwdriver.
5. Put O-rings on the hose adapters and screw the hose adapters onto the pump outlet and inlet.

4. Hose Installation

1. Place a hose clamp on the hose adapter from the valve opening marked as 'Pump'. Connect the hose to the hose adapter and tighten the hose clamp.
2. Place a hose clamp on the hose adapter from the pump's inlet. Connect the hose to the hose adapter and tighten the hose clamp.
3. Connect the hose from the pool's return inlet to the hose adapter from the valve marked as 'Pool'. Ensure the O-ring on the hose adapter is not displaced during this process. Tighten the hose clamp.
4. Connect the hose from the pool's main drain to the hose adapter from the pump. Tighten the hose clamp.

OPERATION

The 4-way multi-port valve allows for various operational modes to manage your pool's filtration and maintenance needs. Always ensure the pump is turned OFF before changing valve positions to prevent damage.

Valve Positions:

- **Filtration:** This is the standard operating mode for daily cleaning. Water is pumped from the pool, filtered through the sand/media, and returned clean to the pool.

- **Backwash:** Used to clean the filter media. Water flow is reversed to flush trapped debris out through the waste port. Perform when the pressure gauge reading is 8-10 PSI above its clean starting pressure.
- **Rinse:** After backwashing, this mode settles the filter media and flushes any remaining dirt from the valve before returning to filtration mode.
- **Winter:** Prepares the filter for winter storage. Consult your local pool professional for specific winterization procedures.
- **Recirculate:** Circulates water through the pool without passing it through the filter media. Useful for distributing chemicals or when the filter is bypassed.



Figure 3: Multi-Port Valve for various operations.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your sand filter pump system.

- **Backwashing:** Monitor the pressure gauge. When the pressure rises 8-10 PSI above its clean operating pressure, it's time to backwash. Turn off the pump, set the valve to 'Backwash', turn on the pump and run until water from the waste port runs clear (typically 1-2 minutes).

- **Rinsing:** After backwashing, turn off the pump, set the valve to 'Rinse', turn on the pump and run for 30-60 seconds. Turn off the pump, then return the valve to 'Filtration' mode.
- **Filter Media Replacement:** Sand filter media typically lasts 3-5 years. Filter balls may require more frequent cleaning or replacement depending on usage. Consult your filter media's manufacturer guidelines for specific replacement intervals.
- **Strainer Basket Cleaning:** Periodically check and clean the pump's strainer basket to remove large debris that could impede flow. Turn off the pump, unscrew the clear lid, remove the basket, clean it, and replace.



Figure 4: Easy-access strainer basket for cleaning.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low Water Flow / Poor Filtration	Clogged strainer basket; Dirty filter media; Air leak in system; Low water level in pool.	Clean strainer basket; Backwash/Rinse filter; Check all connections for leaks; Ensure adequate pool water level.

Problem	Possible Cause	Solution
Pump Not Starting	No power; Motor overload; Impeller jammed.	Check power supply/breaker; Allow motor to cool and reset; Inspect impeller for debris (ensure power is off).
Water Leaks	Loose hose clamps/connections; Damaged O-rings/gaskets; Cracked housing.	Tighten all clamps and connections; Inspect and replace worn O-rings/gaskets; Contact customer support for cracked components.
Cloudy Pool Water	Insufficient filtration time; Improper chemical balance; Dirty filter media.	Increase filtration time; Test and adjust pool chemicals; Backwash/Rinse filter.

SPECIFICATIONS

Brand: XtremepowerUS
Model: 75110
Color: Blue
Material: Mixed
Style: Above Ground
Product Dimensions: 23.5"L x 18.9"W x 18"H
Power Source: Corded Electric
Item Weight: 24 Pounds
Maximum Flow Rate: 40 Gallons Per Minute (2400 GPH)
Voltage: 115 Volts
UPC: 812365036095
Specific Uses For Product: Above-Ground Pool
Country of Origin: China

WARRANTY AND SUPPORT

For specific warranty information regarding your XtremepowerUS High-Flo Sand Filter Pump System, please refer to the documentation included with your purchase or contact the seller directly. Warranty terms can vary and are typically subject to the manufacturer's policies and the retailer's return window.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please visit the official XtremepowerUS website or contact their customer service department. You can also visit the [XtremepowerUS Store on Amazon](#) for more information and product listings.

ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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