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## XtremepowerUS 75112-V

# XtremepowerUS 19" Sand Filter 1.5HP Pump System (Model 75112-V) User Manual

For Domestic and Commercial Pools up to 18,000 Gallons

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation and maintenance of your XtremepowerUS 19" Sand Filter 1.5HP Pump System. This system is designed for effective water filtration in pools up to 18,000 gallons, featuring a powerful 1.5HP pump with a 4,500 GPH flow rate and a versatile 7-way multi-port valve.

The system ensures optimal water turnover and filtration, contributing to a clean and healthy swimming environment. Please read this manual thoroughly before installation and use.



Image 1.1: Visual representation of the highly effective filtration, transforming cloudy water into crystal clear pool water.



Image 1.2: Illustration highlighting the robust filtration capacity, suitable for pools up to 20,000 gallons with a 175 lbs filter capacity.

## 2. SAFETY INFORMATION

Always prioritize safety when installing, operating, or maintaining pool equipment. Failure to follow safety

instructions can result in serious injury or property damage.

- **Electrical Safety:** Ensure the pump is connected to a properly grounded outlet with a Ground Fault Circuit Interrupter (GFCI). Do not operate the pump if the power cord is damaged.
- **Water and Electricity:** Never operate electrical appliances near water or with wet hands. Keep all electrical connections dry.
- **Pressure Warning:** The filter operates under high pressure. Do not attempt to open the filter or pump while the system is running. Always turn off the pump and relieve pressure before servicing.
- **Children Safety:** Keep children away from pool equipment. Adult supervision is required at all times.
- **Installation:** Ensure the system is installed on a level, solid surface to prevent tipping.

### 3. SETUP

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Follow these steps for proper installation of your sand filter and pump system.

1. **Placement:** Position the filter and pump on a firm, level surface, close to the pool and a suitable electrical outlet. Ensure adequate ventilation and drainage.
2. **Connect Pump to Filter:** Attach the pump to the filter tank using the provided hoses and fittings. Ensure all connections are secure and watertight. The system features NPT 1.5 inch internal threads for inlet and outlet connections.
3. **Fill Filter with Sand:** Remove the multi-port valve from the top of the filter tank. Place the standpipe inside the tank and carefully pour the recommended amount of filter sand (up to 175 lbs) around the standpipe. Ensure sand is filled between the MIN & MAX lines.
4. **Install Multi-Port Valve:** Carefully place the multi-port valve onto the filter tank, ensuring the standpipe aligns correctly with the valve's opening. Secure the valve with the provided clamp or bolts.
5. **Connect to Pool:** Connect the pool's skimmer line to the pump's inlet and the pool's return line to the multi-port valve's 'RETURN' port. Connect a waste hose to the 'WASTE' port.
6. **Prime the Pump:** Before starting, ensure the pump basket is full of water. Open all necessary valves to allow water flow from the pool to the pump.
7. **Electrical Connection:** Plug the pump into a GFCI-protected electrical outlet.



**FILTER  
UP TO  
20000  
GALLONS**

**HIGH  
FLOW RATE  
4500  
GPH**

**19  
inch**

**XTREMEPOWER US  
1.5HP POOL PUMP**

Image 3.1: Overview of the sand filter and pump system setup next to an above-ground pool.



**CONVENIENT  
INSTALLATION**

**NPT 1.5 INCH  
INTERNAL THREAD  
(INLET & OUTLET)**

Image 3.2: Detail of the NPT 1.5 inch internal thread connections for easy setup.

Your browser does not support the video tag.

Video 3.1: An official overview of the XtremepowerUS 19" Sand Filter with 1.5HP Pool Pump for above-ground pools, demonstrating its features and setup.

## 4. OPERATING INSTRUCTIONS

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The 7-way multi-port valve allows for various operational modes. Always turn off the pump before changing the valve position.

- **Filter:** This is the standard operating mode for daily filtration. Water flows through the sand, removing debris, and returns to the pool.
- **Backwash:** Used to clean the filter sand. Water flows in reverse through the filter, flushing accumulated debris out through the waste port. Perform when the pressure gauge reads 8-10 PSI above its clean operating pressure.
- **Rinse:** After backwashing, this mode settles the sand and flushes any remaining dirty water from the valve to the waste port before returning to filter mode.
- **Recirculate:** Bypasses the filter, circulating water directly back to the pool. Useful for chemical distribution without filtering.
- **Waste:** Drains water directly from the pool through the waste port, bypassing the filter. Useful for lowering pool water level or vacuuming heavy debris directly to waste.
- **Winter:** Used for winterizing the filter system.
- **Closed:** Shuts off all flow to the filter. Use only when servicing the pump or filter.

Monitor the built-in pressure gauge for optimal performance. A rising pressure indicates the need for backwashing.



Filter



Winter



Rinse



Backwash



Recirculate



Waste



# MULTI-PORT VALVE

Image 4.1: Detailed view of the multi-port valve, showing the handle and pressure gauge for operational control.



Image 4.2: Diagram explaining the various functions of the 7-way filtering valve.

## 5. MAINTENANCE

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

- **Backwashing:** Perform backwashing when the pressure gauge indicates a rise of 8-10 PSI above its normal clean operating pressure. Follow the 'Backwash' and 'Rinse' steps in the operating instructions.
- **Strainer Basket Cleaning:** Periodically check and clean the pump's strainer basket. Turn off the pump, close necessary valves, and remove the transparent lid to access the basket. Remove any debris and replace the basket and lid securely.
- **Sand Replacement:** Filter sand typically needs replacement every 3-5 years, depending on usage and water quality. Refer to the setup section for instructions on filling the filter with new sand.
- **Winterizing:** Before freezing temperatures, drain all water from the pump and filter. Set the multi-port valve to 'WINTER' position. Store the pump in a dry, protected area if possible.

## 6. TROUBLESHOOTING

Below are common issues and potential solutions for your filter system.

Problem	Possible Cause	Solution
Low Water Flow	Clogged strainer basket, dirty filter sand, air leak in suction line, low water level in pool.	Clean strainer basket, backwash/rinse filter, check all connections for leaks, ensure adequate pool water level.
Water Not Clearing	Insufficient filtration time, dirty filter sand, incorrect chemical balance, undersized system.	Increase run time, backwash/rinse filter, check and adjust pool chemistry, ensure proper sand level.
Pump Not Starting	No power, tripped GFCI, motor issue.	Check power supply and GFCI, consult an electrician if motor hums but doesn't start.
Water Leaking	Loose connections, damaged O-rings/gaskets.	Tighten all connections, inspect and replace O-rings/gaskets as needed.

If problems persist, contact XtremepowerUS customer support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	XtremepowerUS
Model Number	75112-V
Pump Horsepower	1.5 HP
Flow Rate	4500 GPH
Filter Tank Size	19 inches
Max Pool Capacity	Up to 18,000 Gallons
Filter Media Capacity	Up to 175 lbs of sand
Multi-Port Valve	7-Way (Filter, Backwash, Rinse, Recirculate, Waste, Winter, Closed)
Voltage	115 Volts
Material	Metal, Polyethylene (PE)
Item Weight	60 Pounds
UPC	840166544631

# DURABLE BUILD

## AND DESIGN

POWER CORD LENGTH: 6 FEET



Image 7.1: Dimensions of the XtremepowerUS sand filter and pump system.

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or replacement parts, please contact XtremepowerUS customer service. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official XtremepowerUS website or refer to the contact information provided with your product packaging.