

XtremepowerUS 75140

XtremepowerUS 19-Inch Sand Filter System 75140 User Manual

Model: 75140

INTRODUCTION

This manual provides comprehensive instructions for the XtremepowerUS 19-inch Sand Filter System, Model 75140. This system is designed for efficient water filtration in above-ground and inground swimming pools up to 24,000 gallons. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your filter system.

SAFETY INFORMATION

- Always disconnect power to the pump before performing any service or maintenance on the filter system.
- Ensure all connections are secure and watertight to prevent leaks.
- Do not operate the filter system if any part is damaged or malfunctioning.
- Keep children away from the filter system during operation and maintenance.
- Refer to local codes and regulations for proper installation and electrical requirements.

PRODUCT COMPONENTS AND FEATURES

The XtremepowerUS 19-inch Sand Filter System includes a durable filter tank, a 7-way multi-port valve, and a pressure gauge for monitoring system performance. The system is designed for efficient flow and drainage, featuring a 1.5-inch diameter main internal pipe and a built-in drain for simplified winterizing and servicing.

MULTI-PORT VALVE SYSTEM

Provides 7 essential functions



Figure 1: Overview of the 7-Way Multi-Port Valve System and its functions.



Figure 2: The integrated pressure gauge provides real-time system pressure readings.



Figure 3: The filter tank holds up to 175 lbs of filter media sand.

INSTALLATION

The XtremepowerUS sand filter system is designed for quick and straightforward setup. Ensure the filter is placed on a firm, level surface. Connect the pool pump to the filter system using appropriate adapters and hoses (sold separately).

EASY INSTALLATION

Ensures quick, easy, and stress-free setup
compatible with all above-ground pool systems.

**Adapter and Hose
are sold separately**



Figure 4: Example of hose connections for easy installation. Adapters and hoses are sold separately.



Figure 5: The filter tank with important warning labels and operating instructions.



Figure 6: Detail of the built-in drain plug for convenient water removal.



Figure 7: Internal view of the filter's central pipe and lateral assembly.

Sand Loading

1. Ensure the internal standpipe and laterals are correctly positioned at the bottom of the tank.
2. Carefully add the recommended amount of filter sand (up to 175 lbs for the 19-inch model) into the tank, ensuring the standpipe remains centered.

3. Fill the tank with water to just above the sand level before installing the multi-port valve head.

OPERATING INSTRUCTIONS: 7-WAY MULTI-PORT VALVE FUNCTIONS

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

- **Filter:** This is the standard operating mode for daily filtration. Water is purified by passing through the sand media.
- **Backwash:** Reverses the flow of water through the filter to clean the sand bed and remove trapped debris. Perform when pressure gauge reading is 8-10 PSI above normal operating pressure.
- **Rinse:** Used after backwashing to flush out any remaining debris from the valve and pipes before returning to filter mode.
- **Waste:** Drains water directly from the pool, bypassing the filter. Useful for lowering pool water level or vacuuming heavy debris directly to waste.
- **Re-Circulate:** Circulates pool water without passing it through the filter media. Useful for mixing chemicals.
- **Closed:** Stops all water flow to and from the filter. Use this setting only when the pump is off and for servicing.
- **Winter:** Prepares the system for winterization by allowing water to drain from the valve and filter.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your sand filter system.

- **Backwashing:** Backwash the filter regularly, typically when the pressure gauge reads 8-10 PSI higher than its clean operating pressure.
- **Sand Replacement:** Filter sand typically needs to be replaced every 3-5 years, depending on usage and water quality.
- **Winterizing:** Before freezing temperatures, drain all water from the filter tank and pump. Set the multi-port valve to the 'Winter' position or remove the handle to relieve pressure. Store the pump and filter components in a dry, protected area if possible.
- **Inspection:** Periodically inspect all hoses, clamps, and connections for wear, cracks, or leaks. Replace worn parts as needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low Water Flow	Clogged skimmer/pump basket, dirty filter sand, low water level in pool.	Clean baskets, backwash filter, add water to pool.
High Pressure Gauge Reading	Dirty filter sand.	Perform backwash and rinse cycle.
Water Leaks	Loose connections, worn O-rings, cracked housing.	Tighten connections, replace O-rings, inspect for damage.
Cloudy Pool Water	Insufficient filtration time, dirty filter sand, improper chemical balance.	Increase filtration time, backwash filter, test and adjust pool chemistry.

SPECIFICATIONS



Figure 8: Filtration rate and sand capacity details.

- **Model:** 75140
- **Filter Size:** 19 inches
- **Recommended Max Pool Size:** Up to 24,000 gallons
- **Filtration Flow Rate:** Up to 2,520 gallons per hour
- **Sand Capacity:** 175 lbs (media sand)
- **Outlet Size:** 1.5-inch
- **Product Dimensions (L x W x H):** 19" x 19" x 35.25"
- **Weight:** 30 pounds
- **Material:** Mixed (Durable housing)
- **UPC:** 840166543450

WARRANTY AND SUPPORT

For warranty information or technical support, please contact XtremepowerUS customer service. Keep your purchase receipt as proof of purchase for any warranty claims. Contact details can typically be found on the manufacturer's official website or product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details.](#)

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.

Submit question