

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [FOTING](#) /

› [FOTING 13in Sand Filter Pump User Manual](#)

FOTING FT-CLP5503F

FOTING 13in Sand Filter Pump User Manual

Model: FT-CLP5503F | Brand: FOTING

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your FOTING 13in Sand Filter Pump. Designed for above-ground pools, this system ensures efficient and thorough water filtration, contributing to a clean and clear swimming environment. Please read this manual thoroughly before operating the pump to ensure safe and optimal performance.

2. SAFETY INFORMATION

Always prioritize safety when installing, operating, or maintaining your pool pump. Failure to follow these instructions may result in serious injury or property damage.

- Ensure the pump is connected to a properly grounded electrical outlet with a Ground Fault Circuit Interrupter (GFCI) for electrical safety.
- Do not operate the pump if the power cord or plug is damaged.
- Never run the pump dry. Ensure the pump is fully primed with water before starting to prevent damage.
- Keep children and pets away from the pump and filter system during operation.
- Always disconnect power to the pump before performing any maintenance or service.
- Follow all local electrical and plumbing codes during installation.

3. PRODUCT COMPONENTS

The FOTING 13in Sand Filter Pump system includes the following main components:

- Sand Filter Tank
- Pool Pump (3/4 HP)
- 6-Way Multi-Port Valve
- Pressure Gauge
- Strainer Basket (pre-filter)
- Connecting Hoses and Fittings



Figure 3.1: Overview of the FOTING 13in Sand Filter Pump and Tank Assembly.



Figure 3.2: Detailed view of the Pressure Gauge for monitoring system pressure and the integrated Filter Basket for debris collection.

4. SETUP AND INSTALLATION

Proper installation is crucial for the efficient operation of your sand filter pump. Refer to the included assembly diagrams for detailed steps.

1. **Placement:** Position the filter pump on a firm, level surface, as close to the pool as possible to minimize hose length and maximize efficiency. Ensure it is protected from direct sunlight and adverse weather conditions.
2. **Sand Filling:** Remove the multi-port valve from the top of the tank. Carefully fill the tank with the recommended amount of filter sand (approximately 70 lbs) or 2.2 lbs of filter balls. Ensure the standpipe is centered during filling.
3. **Valve Installation:** Securely attach the 6-way multi-port valve to the top of the filter tank, ensuring all O-rings are properly seated and connections are tight.
4. **Hose Connections:** Connect the pool's skimmer line to the pump's inlet, and the pump's outlet to the filter tank's inlet. Connect the filter tank's return line to the pool's return jet. Ensure all connections are sealed to prevent leaks. The system supports 1-1/4" PVC hoses.
5. **Priming the Pump:** Before starting, fill the pump's strainer basket housing with water until it overflows. Replace the lid securely. This primes the pump and prevents dry running.

6. **Electrical Connection:** Connect the pump to a dedicated, grounded electrical outlet with GFCI protection.



1 Maximum Flow Rate: **3500GPH**

2 Suitable for **11000Gallons Pools**

13 in
SAND FILTER TANK

Figure 4.1: The FOTING 13in Sand Filter Pump offers a maximum flow rate of 3500 GPH, suitable for pools up to 11,000 gallons.

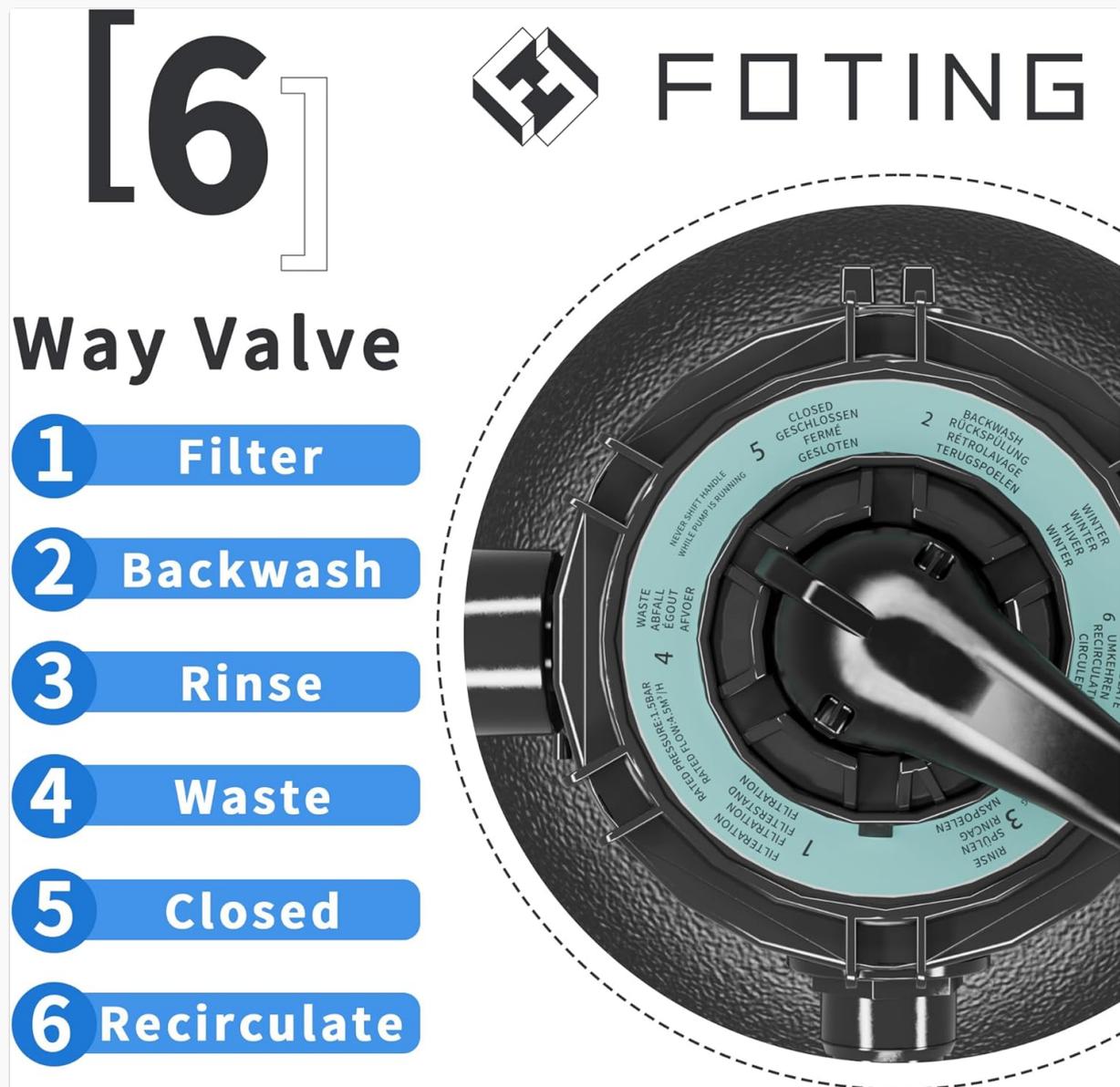
PUMP SELECTION TIPS

Filter Size	Recommended Max.Pool Size	Max. flow rate	Sand Capacity	Filter Ball
12in	7000	2400 GPH	55lbs	1.5lbs
13in	11000	3500 GPH	70lbs	2.2lbs

Figure 4.2: Illustration of the recommended 1-1/4" PVC hose connections for the sand filter pump, showing pump hose connectors and hose adapters.

5. OPERATING INSTRUCTIONS: 6-WAY VALVE FUNCTIONS

The 6-way multi-port valve allows for various operational modes. Always turn off the pump before changing valve positions to prevent damage.



Way Valve

- 1 Filter
- 2 Backwash
- 3 Rinse
- 4 Waste
- 5 Closed
- 6 Recirculate

Figure 5.1: The 6-Way Valve provides multiple functions for comprehensive pool maintenance.

- **1. FILTER:** Normal filtering mode. Water flows through the sand bed, trapping debris, and returns to the pool. This is the primary operating mode.
- **2. BACKWASH:** Used for cleaning the filter sand. Water flows in reverse through the sand bed, flushing trapped debris out through the waste port. Backwash until the water runs clear (typically 2-3 minutes).
- **3. RINSE:** Used after backwashing to settle the sand bed and flush any remaining dirty water from the valve. Run for 30-60 seconds.
- **4. WASTE:** Bypasses the filter and pumps water directly out of the waste port. Useful for vacuuming heavy debris directly to waste or lowering the pool water level.
- **5. CLOSED:** Shuts off all flow to the filter and pump. Use this setting only when the pump is off and you are performing maintenance on the pump or filter.
- **6. RECIRCULATE:** Bypasses the filter and circulates water directly back to the pool. Useful for mixing chemicals without filtering.

LONG-LASTING AND EFFICIENT FILTRATION



Figure 5.2: The FOTING sand filter pump effectively transforms murky pool water into crystal clear water.

6. MAINTENANCE

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

- **Backwashing:** Backwash the filter when the pressure gauge reading is 8-10 PSI above its clean operating pressure, or when water flow to the pool decreases significantly.
- **Strainer Basket Cleaning:** Periodically inspect and clean the pump's strainer basket. Turn off the pump, close necessary valves, remove the basket lid, empty debris, and rinse the basket.
- **Sand/Filter Ball Replacement:** Filter sand typically needs replacement every 3-5 years, depending on usage. Filter balls may last longer but should be cleaned or replaced as needed.
- **Winterization:** In colder climates, properly winterize the pump and filter system to prevent freezing damage. Drain all water from the pump, filter, and hoses. Store the pump in a dry, protected area.

7. TROUBLESHOOTING

If you encounter issues with your FOTING sand filter pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump not starting	No power; tripped GFCI; motor issue	Check power supply, reset GFCI. If motor hums but doesn't start, contact support.
Low water flow / Poor filtration	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 air leaks; ensure adequate pool water level.
Water leaking from pump/filter	Loose connections; damaged O-rings/gaskets; cracked housing	Tighten all connections; inspect and replace damaged O-rings/gaskets; if housing is cracked, replacement may be necessary.
Pump making loud noise	Air in system; cavitation; worn bearings	Check for air leaks in suction line; ensure pump is fully primed. If noise persists, motor may require professional service.

8. SPECIFICATIONS

- **Model Number:** FT-CLP5503F
- **Product Dimensions:** 19.5 x 15.21 x 24.57 inches
- **Item Weight:** 28.4 pounds
- **Horsepower:** 3/4 HP
- **Maximum Flow Rate:** 3500 GPH (Gallons Per Hour)
- **Recommended Pool Capacity:** Up to 11,000 Gallons
- **Sand Capacity:** 70 lbs
- **Filter Ball Compatibility:** 2.2 lbs
- **Voltage:** 110-120V
- **Current:** 4.5A



Figure 8.1: The pump features a high-quality copper wire motor designed for continuous and efficient operation.

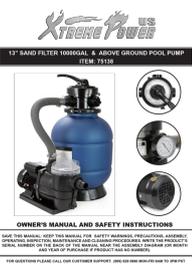
9. WARRANTY AND SUPPORT

FOTING stands behind the quality of its products. This sand filter pump comes with **1-year after-sales service**, demonstrating our confidence in its longevity and performance.

For technical assistance, warranty claims, or any questions regarding your FOTING product, please contact FOTING customer support through the retailer where the product was purchased or visit the official FOTING website for contact information.

Please retain your proof of purchase for warranty purposes.

© 2024 FOTING. All rights reserved.

 <p>XtremepowerUS 13" SAND FILTER 1000GAL. & ABOVE GROUND POOL PUMP ITEM: 75138</p> <p>OWNER'S MANUAL AND SAFETY INSTRUCTIONS</p> <p>READ THIS MANUAL, 2021, FOR SAFETY, INSTALLATION, OPERATING, MAINTENANCE, AND SAFETY INSTRUCTIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID THE WARRANTY. ALWAYS USE COMMON SENSE AND GOOD JUDGMENT. ALWAYS WEAR YOUR SAFETY GEAR. ALWAYS FOLLOW THE SAFETY WARNINGS AND PRECAUTIONS. ALWAYS READ THE SAFETY INSTRUCTIONS. ALWAYS FOLLOW THE SAFETY INSTRUCTIONS. ALWAYS FOLLOW THE SAFETY INSTRUCTIONS.</p>	<p>XtremepowerUS 13-Inch Sand Filter and Above Ground Pool Pump Owner's Manual and Safety Instructions</p> <p>Owner's manual and safety instructions for the XtremepowerUS 13-inch sand filter and above ground pool pump (Item: 75138). Covers safety warnings, installation procedures, operating instructions, filter functions, and a parts list. Essential guide for safe and effective use of pool filtration equipment.</p>
 <p>Intex 18 FT X 52 IN ULTRA XTR FRAME ROUND ABOVE GROUND SWIMMING POOL SET WITH SAND FILTER PUMP (MODEL 26329EH)</p>	<p>Intex 18 ft x 52 in Ultra XTR Frame Pool Set with Sand Filter Pump</p> <p>Overview of the Intex 18 ft x 52 in Ultra XTR Frame Round Above Ground Swimming Pool Set with Sand Filter Pump (Model 26329EH), including key specifications and a link to the official product page.</p>
 <p>OWNER'S MANUAL</p> <p>IMPORTANT SAFETY RULES</p> <p>Ultra XTR® POOL 14' - 26' (14' - 26' INCHES)</p> <p>IMPORTANT! DO NOT RETURN PRODUCT TO STORE</p> <p>1-800-448-8331</p>	<p>Intex Ultra XTR® Pool Owner's Manual: Setup, Safety, Maintenance, and Warranty</p> <p>Comprehensive owner's manual for the Intex Ultra XTR® Pool (14' - 26'). Includes detailed safety instructions, setup guides, maintenance tips, winterization procedures, troubleshooting, and warranty information.</p>
 <p>SUMMER WAVES</p> <p>USER MANUAL</p> <p>ELITE FRAME POOL 12' - 15' (12' - 15' INCHES)</p> <p>READ AND KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p>	<p>Summer Waves Elite Frame Pool User Manual</p> <p>User manual for Summer Waves Elite Frame Pools, providing essential setup instructions, safety guidelines, maintenance procedures, and storage recommendations for above-ground swimming pools.</p>
 <p>Aquarian</p> <p>Assembly Instructions Round Pools</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p>	<p>Aquarian Pools Assembly Instructions for Round Pools</p> <p>Comprehensive assembly instructions for Aquarian round above-ground swimming pools. Covers site preparation, safety guidelines, and step-by-step installation for various pool sizes. Visit aquarianpool.com for more information.</p>
 <p>Polygroup OWNER'S MANUAL</p> <p>SUMMER WAVES® SMALL FRAME POOL FOR ABOVE-GROUND SWIMMING POOLS 7' - 15' (7' - 15' INCHES)</p> <p>READ AND KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p> <p>WARNING: Do not use this pool unless you have read and understood the "Safety" section. Failure to follow these instructions may result in injury or death.</p>	<p>Polygroup Summer Waves Small Frame Pool Owner's Manual</p> <p>Comprehensive owner's manual for Polygroup Summer Waves Small Frame Pools (7'-15' models). Includes setup instructions, safety guidelines, maintenance, and warranty information.</p>