FOTING FT-CLP5503

FOTING 13" Sand Filter Pump User Manual

Model: FT-CLP5503

Brand: FOTING

1. Important Safety Information

Please read all instructions carefully before installation and operation.

- This pump has been evaluated for use with water only.
- **WARNING: Risk of electric shock.** Do not plug into power while standing on a wet or damp surface.
- **WARNING:** To reduce risk of electric shock, connect only to a properly grounded grounding-type receptacle.
- **WARNING:** To reduce the risk of electric shock, install only on a circuit protected by a Ground Fault Circuit Interrupter (GFCI).
- Always disconnect power before servicing.
- Keep children away from the pump and pool area during operation.

Image: Control panel with safety warnings.

2. Product Overview

The FOTING 13" Sand Filter Pump is designed for efficient and reliable filtration of above-ground pools,

ensuring crystal-clear water. It features a powerful motor, a versatile 6-way valve, and a built-in timer for automated operation.

Key Features:

- **Customized Filtration:** Offers 10 time settings and options for single or continuous cycles for efficient operation.
- **Maximum Flow Rate:** Achieves an impressive 3800 GPH, suitable for pools up to 13,000 gallons.
- **Enhanced Durability:** Features a 66 lb sand capacity for long-lasting, efficient filtration and reduced maintenance.
- **Exceptional Performance:** Equipped with a robust 1 HP motor and 44 ft maximum head for excellent water circulation and filtration.
- **6-Way Valve:** Adaptable for various filtration needs, ensuring a pristine pool environment.

Image: FOTING 13" Sand Filter Pump and included accessories.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x User Manual
- 1 x Warranty Card
- 1 x Pressure Gauge
- 1 x Drain Piece
- 1 x Pair of Flange Clamps
- 1 x O-ring
- 1 x Allen Wrench
- 1 x NPT 1-1/2 Female Connectors
- 1 x Sealing Tape
- 1 x Hose Clamps
- 1 x Sand Cover

- 1 x Sylphon Bellows
- 1 x Filter Assembly
- 1 x Base
- 1 x Valve Head Assembly
- 1 x Cylinder
- 1 x Screws & Nuts

PRODUCT SPECIFICATION

1 * User manual
1 * Warranty Card
1 * Pressure Gauge
1 * Drain Piece
1 * Pair of Flange Clamps
1 * 0-ring
1 * Allen Wrench
1 * NPT 1-1/2 Female Connectors
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1 * Sand Cover
1 * Sylphon Bellows
1 * Filter Assembly
1 * Base
1 * Valve Head Assembly
1 * Cylinder
1 * Screws & Nuts

Image: Product specification and included parts list.

4. SETUP AND INSTALLATION

4.1 Site Selection

Choose a level, stable surface near your pool, ensuring it is protected from direct sunlight and excessive moisture. The pump should be placed below the pool's water level for optimal priming.

4.2 Assembly

1. Assemble the base, cylinder, and valve head assembly according to the diagrams in the user manual.
2. Secure all connections with the provided screws, nuts, and flange clamps. Use sealing tape on threaded connections to prevent leaks.
3. Connect the pump to the filter tank using the provided hoses and hose clamps.

4.3 Priming the Pump

Before initial use, the pump must be filled with water to ensure proper operation and prevent damage.

1. Turn off and unplug the pump.
2. Open the filter basket lid.
3. Pour water into the filter basket until the pump housing is full.
4. Replace the filter basket lid securely.

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Video: Demonstrates filling the pump with water before use. This step is crucial for proper pump operation and longevity.

4.4 Connecting to Pool

Use 1.5" PVC hoses for connecting the pump to your above-ground pool's inlet and outlet ports.
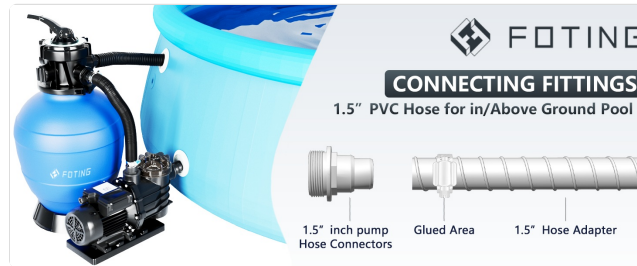

Image: Illustration of connecting the pump to the pool.

5. OPERATING INSTRUCTIONS

5.1 Control Panel and Timer Settings

The pump features a built-in timer for automatic filtration. Use the control panel to set your desired operating mode and duration.

- **Single Cycle Mode:** The pump operates for a set duration and then stops.
- **Continuous Cycle Mode:** The pump operates continuously until manually turned off.
- Refer to the detailed instructions in the included user manual for specific timer programming steps.

Image: Control panel for setting filtration timing.

5.2 6-Way Valve Functions

The 6-way valve allows for various operational modes to manage your pool's filtration and maintenance.

Setting	Description
1. FILTER	Normal filtering operation. Clean water through sand.
2. BACKWASH	Reverses flow to clean the filter sand. Used when pressure gauge reads high.
3. RINSE	Clears debris from the filter after backwashing.
4. WASTE	Bypasses the filter to remove pool water directly, useful for vacuuming heavy debris or lowering water level.
5. CLOSED	Stops water flow to the filter. *Never use while pump is on.*
6. RECIRCULATE	Mixes pool water without filtering, useful for chemical distribution.

Image: 6-Way Valve showing various functions.

6. MAINTENANCE

6.1 Filter Basket Cleaning

Regularly clean the filter basket to ensure optimal pump performance and prevent debris buildup.

1. Turn off and unplug the pump.
2. Close any necessary valves to prevent water flow.
3. Unscrew the clear cover of the filter basket.
4. Remove the filter basket and empty any collected debris.
5. Rinse the basket thoroughly with water.
6. Reinsert the clean filter basket and securely close the clear cover.

Image: Components for easy maintenance and cleaning.

6.2 Backwashing and Rinsing

Perform backwashing and rinsing cycles as indicated by the pressure gauge or when water flow decreases. Refer to section 5.2 for valve settings.

6.3 Winterization

Before freezing temperatures, drain all water from the pump and filter system. Store the pump in a dry, protected area to prevent freeze damage.

7. TROUBLESHOOTING

If you encounter issues with your FOTING Sand Filter Pump, refer to the common problems and solutions below. For persistent issues, contact customer support.

Problem	Possible Cause	Solution
Pump not starting	No power, tripped GFCI, motor issue.	Check power connection, reset GFCI, contact support if motor is faulty.
Low water flow	Clogged filter basket, dirty sand, air in system.	Clean filter basket, backwash/rinse filter, check for air leaks in hoses.
Water not clearing	Insufficient filtration time, improper chemical balance, dirty filter.	Increase filtration time, test and adjust pool chemicals, backwash/rinse filter.
Leaking connections	Loose clamps, worn O-rings, improper sealing.	Tighten clamps, inspect and replace O-rings if damaged, reapply sealing tape.

8. Specifications

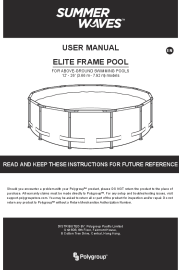| Attribute	Value
Model Number	FT-CLP5503
Flow Rate	3800 GPH (Gallons Per Hour)
Recommended Pool Size	Up to 13,000 Gallons
Motor Horsepower	1 HP
Max Head	44 ft
Sand Capacity	66 lbs
Product Dimensions	13.38 x 17.32 x 21.25 inches
Item Weight	25.4 pounds
Valve Type	6-Way Valve
Timer	Built-in, 10 time settings, single/continuous cycles

Image: Key product specifications.

9. Warranty and Customer Support

The FOTING 13" Sand Filter Pump comes with a **3-year warranty**, ensuring peace of mind and customer satisfaction.

For any questions, technical assistance, or warranty claims, please contact FOTING customer service. Refer to the warranty card included in your package for contact details and specific terms and conditions.

You can also visit the official FOTING store for more information and support: FOTING Official Store

Related Documents - FT-CLP5503

[XtremepowerUS 13-Inch Sand Filter and Above Ground Pool Pump Owner's Manual and Safety Instructions](#)
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.

[Intex 18 ft x 52 in Ultra XTR Frame Pool Set with Sand Filter Pump](#)
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.

[Intex Ultra XTR® Pool Owner's Manual: Setup, Safety, Maintenance, and Warranty](#)
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.

[Summer Waves Elite Frame Pool User Manual](#)
User manual for Summer Waves Elite Frame Pools, providing essential setup instructions, safety guidelines, maintenance procedures, and storage recommendations for above-ground swimming pools.

[Aquarian Pools Assembly Instructions for Round Pools](#)
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.

[Polygroup Summer Waves Small Frame Pool Owner's Manual](#)

Comprehensive owner's manual for Polygroup Summer Waves Small Frame Pools (7'-15' models). Includes setup instructions, safety guidelines, maintenance, and warranty information.