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› Swimline HYDROTOOLS Sure-Flo Cartridge Pool Filter Tank & Element Manual (Model 76202)

Swimline 76202

Swimline HYDROTOOLS Sure-Flo Cartridge Pool Filter Tank & Element Manual

Model: 76202

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Swimline HYDROTOOLS Sure-Flo Cartridge Pool Filter Tank and Element, Model 76202. This filter system is designed to provide efficient water filtration for above-ground pools, ensuring clear and clean water.



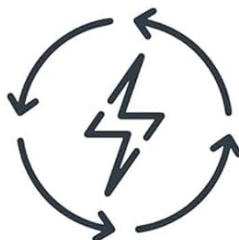
CARTRIDGE FILTERS

For Above Ground Pools

The optimal solution for crystal clear water quality.



Most Effective
Debris Capture



Cost & Energy
Efficient Filtration



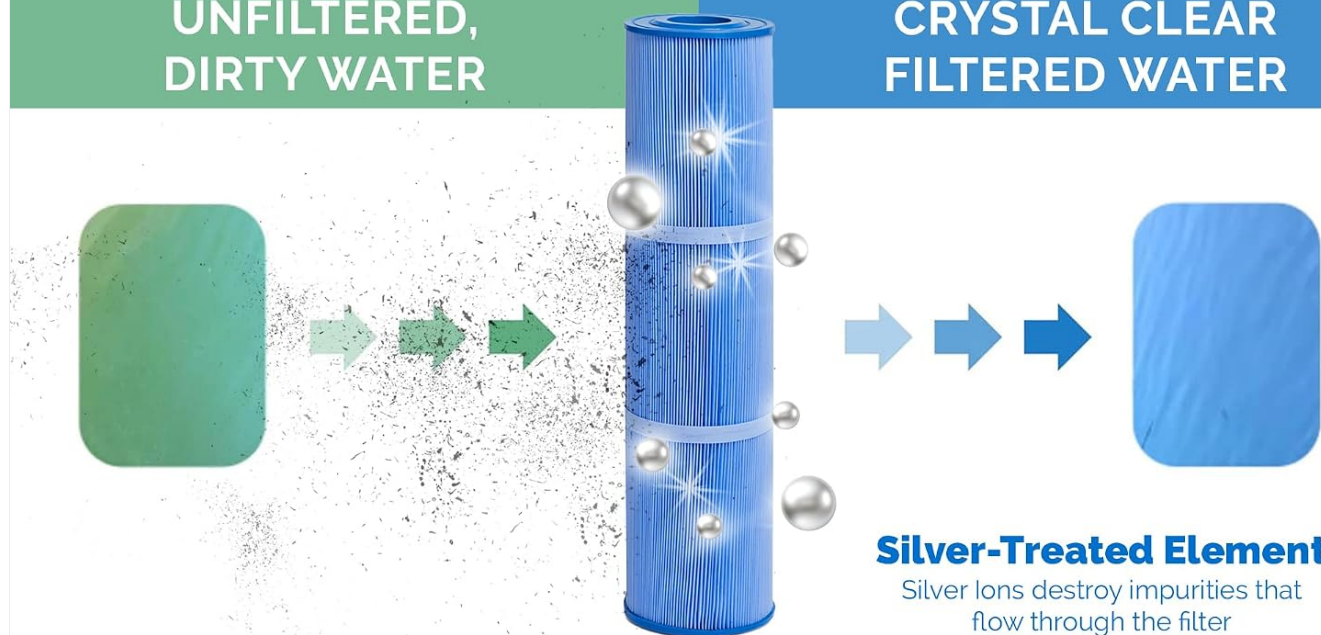
Meets All DOE
Regulations

Image: The Swimline HYDROTOOLS cartridge filter system, designed for above-ground pools, highlighting its role in maintaining clear water quality.

The Sure-Flo filter system features a 200 square foot filtration capacity, suitable for pools up to 72,000 gallons. It includes a silver-treated cartridge element with double pleats for enhanced particle capture and impurity destruction. The tank is constructed from weather, UV, and corrosion-proof resin materials, reinforced with glass co-polymer for durability.

UNFILTERED,
DIRTY WATER

CRYSTAL CLEAR
FILTERED WATER



Silver-Treated Element

Silver Ions destroy impurities that flow through the filter



Expansive Flow Core

Withstands High Pressure while reducing overall pump stress



50 Microns Filtration

Catches hair, leaves, dust, sediment, sand, and other fine particles



Easy To Clean

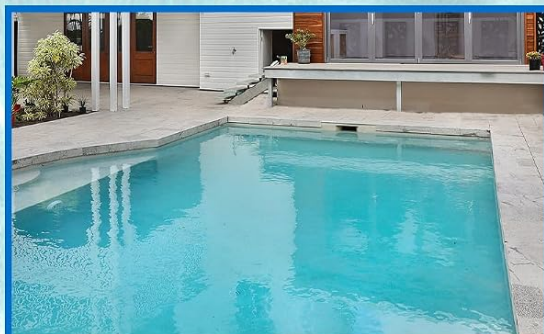
Single-Cell Technology makes rinsing, washing, and reuse quick & easy

Image: Diagram illustrating the filtration process, showing unfiltered water entering, passing through the silver-treated element, and exiting as crystal clear filtered water. The element captures particles down to 50 microns.

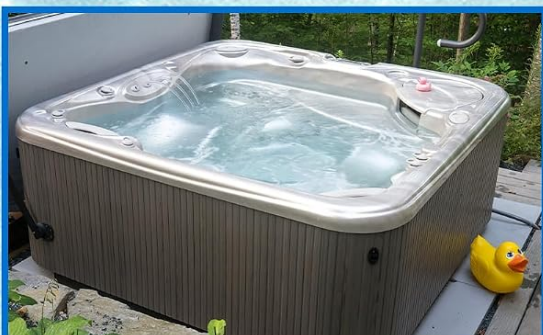
This system is designed for easy maintenance and energy-efficient operation, compatible with various pool sizes and existing pool equipment.



Above-Ground Pools



In-Ground Pools



Spa Tub



Garden Irrigation System

Image: Visual representation of the filter's versatile compatibility, showing its use with above-ground pools, in-ground pools, spa tubs, and garden irrigation systems.

SETUP INSTRUCTIONS

Before beginning installation, ensure all components are present and undamaged. Refer to the diagram below for an overview of the system components.



2-Inch Port In/Outlet



Pressure Gauge



Locking Ring System



Element Included

Image: A visual breakdown of the filter system's components, including the 2-inch port in/outlet, pressure gauge, locking ring system, and the included filter element.

- 1. Unpack Components:** Carefully remove all parts from the packaging. Verify that the filter tank, cartridge element, pressure gauge, and locking ring are included.
- 2. Select Location:** Choose a level, solid surface for the filter tank, preferably close to the pool pump and electrical outlet, and away from direct sunlight or excessive moisture. Ensure adequate space for maintenance.
- 3. Assemble Tank:**
 - Insert the cartridge element into the filter tank. Ensure it is seated correctly.
 - Place the top section of the tank onto the bottom section, aligning the components.
 - Secure the tank sections using the locking ring system. Ensure the ring is tightened securely to prevent leaks. *It is recommended to lubricate the O-ring with a silicone-based lubricant before securing to ensure a proper seal and prevent leaks.*
- 4. Install Pressure Gauge:** Screw the pressure gauge into the designated port on the filter tank. Do not overtighten.
- 5. Connect Plumbing:**

- Connect the pool pump's discharge line to the filter's inlet port (typically marked "IN" or "PUMP").
 - Connect the filter's outlet port (typically marked "OUT" or "RETURN") to the pool's return line.
 - Use appropriate plumbing fittings and sealants to ensure watertight connections.
6. **Fill System:** Before starting the pump, ensure the filter tank is filled with water. This can be done by opening the air relief valve (if present) and allowing water to flow into the tank until it overflows. Close the air relief valve once water flows steadily.
7. **Initial Start-up:** Turn on the pool pump. Monitor the pressure gauge and check all connections for leaks. A slight increase in pressure is normal as the filter begins to operate.

HYDROTOOLS™
By **SWIMLINE®**

HYDROTOOLS QUALITY
Upgrade to a tank that is built to last

Crafted with
**DOUBLE REINFORCED,
GLASS CO-POLYMER
MATERIAL**



Non-Corrosive



UV Resistant Material



Air Relief Valve



Air-Tight Ring &
Latch Locking System

Image: Detailed view of the filter tank, emphasizing its robust construction with double-reinforced glass co-polymer material, non-corrosive properties, UV resistance, air relief valve, and air-tight ring & latch locking system.

OPERATING INSTRUCTIONS

Once installed, operating the Sure-Flo cartridge filter is straightforward. The primary goal is to maintain consistent water flow and monitor filter performance.

- 1. Establish Normal Operating Pressure:** After initial start-up and once the filter is clean, note the pressure reading on the gauge. This is your "clean filter" operating pressure.
- 2. Run Time:** Operate your pool pump for a sufficient duration each day to ensure proper water circulation and filtration. The exact time will depend on pool size, usage, and environmental factors. Consult your pool professional for specific recommendations.
- 3. Monitor Pressure Gauge:** Regularly check the pressure gauge. As the filter collects debris, the pressure will gradually increase. An increase of 8-10 PSI (or 0.5-0.7 BAR) above your clean filter pressure indicates that the cartridge element needs cleaning.
- 4. Air Relief:** If you notice a decrease in water flow or hear air in the system, open the air relief valve briefly to release any trapped air. Close it once water flows out.

MAINTENANCE

Regular maintenance of your Sure-Flo cartridge filter is essential for optimal performance and longevity. The intuitive design allows for easy access and cleaning.

- 1. Cartridge Element Cleaning:**
 - Turn off the pool pump and close any necessary valves to isolate the filter.
 - Open the air relief valve to release pressure from the tank.
 - Unscrew the locking ring and carefully remove the top section of the filter tank.
 - Remove the cartridge element.
 - Rinse the cartridge thoroughly with a garden hose, spraying between the pleats to dislodge debris. For stubborn dirt or oils, a specialized cartridge cleaning solution may be used.
 - Inspect the cartridge for any damage (tears, cracks). Replace if damaged.
 - Reinstall the clean cartridge element, ensuring it is properly seated.
 - Replace the top section of the tank and secure the locking ring. Ensure the O-ring is clean and lubricated.
 - Open isolation valves, fill the system with water, and restart the pump as per initial setup.
- 2. O-Ring Inspection:** Periodically inspect the O-ring for cracks, stretching, or wear. Replace if necessary. Always lubricate the O-ring with a silicone-based lubricant during reassembly to ensure a proper seal.
- 3. Winterization:** In colder climates, the filter system must be properly winterized to prevent freeze damage. Consult your pool professional for specific winterization procedures for your region. Generally, this involves draining all water from the filter and storing the cartridge element indoors.

TROUBLESHOOTING

This section addresses common issues you might encounter with your pool filter system.

Problem	Possible Cause	Solution
Water Leak at Tank Connection	Improperly seated or unlubricated O-ring; loose locking ring.	Turn off pump, release pressure. Inspect O-ring for damage, clean, and lubricate with silicone lubricant. Re-seat O-ring and tighten locking ring securely.
Low Water Flow / High Pressure	Clogged cartridge element; air in the system; pump issues.	Clean the cartridge element as per maintenance instructions. Release air from the system using the air relief valve. Check pump for proper operation.
Cloudy Pool Water	Dirty filter cartridge; insufficient pump run time; chemical imbalance.	Clean or replace the filter cartridge. Increase pump run time. Test and adjust pool chemistry.

Problem	Possible Cause	Solution
Air Bubbles from Return Jets	Air leak on the suction side of the pump; low water level in pool; air in filter tank.	Check all suction side connections for leaks. Ensure pool water level is adequate. Release air from the filter tank.

SPECIFICATIONS

Key technical specifications for the Swimline HYDROTOOLS Sure-Flo Cartridge Pool Filter Tank & Element, Model 76202.

HYDROTOOLS™

By SWIMLINE®

OVERSIZED CONSTRUCTION

For Increased Capacity

Maximum GPM (GPH)	150GPM/9000GPH
Max.Recommended Pool Size (Gallons)	72,000
Max. Pressure (PSI & BAR)	50PSI/3.5BAR
Inlet / Outlet Port Compatibility	2 INCHES
Element SQ FT (Per Element)	200 SQ FT
Element Dimensions (Height X Diameter)	Inside: 28.19" x 3.98" Outside: 28.19" x 8.94"
Recommended Pump	1.5HP

← 17" →

39"

Image: Technical diagram detailing the filter's dimensions (39" height, 17" width) and performance metrics, including maximum GPM/GPH, recommended pool size, maximum pressure, inlet/outlet port size, element square footage, element dimensions, and recommended pump horsepower.

- **Model Number:** 76202
- **Filter Type:** Cartridge
- **Filtration Capacity:** 200 Square Feet

- **Maximum Recommended Pool Size:** Up to 72,000 Gallons
- **Maximum GPM (GPH):** 150 GPM (9000 GPH)
- **Maximum Pressure:** 50 PSI / 3.5 BAR
- **Inlet / Outlet Port Size:** 2 Inches
- **Element Dimensions (Height x Diameter):** 28.19" x 3.98" (Inside), 28.19" x 8.94" (Outside)
- **Recommended Pump:** 1.5 HP
- **Construction Material:** Weather, UV, & Corrosion-Proof Resin with Double Reinforced Glass Co-Polymer
- **Color:** Black / Blue

WARRANTY INFORMATION

Swimline HYDROTOOLS provides a **1-year guarantee** against manufacturing defects for this product. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims or further details, please contact customer service using the information provided in the Support section.

CUSTOMER SUPPORT

For assistance with your Swimline HYDROTOOLS Sure-Flo Cartridge Pool Filter, including technical support, parts, or warranty inquiries, please contact our customer service team.

- Our team is based in New York, USA.
- We offer dedicated customer service to assist with any queries or concerns.

Please refer to the product packaging or the official Swimline website for the most current contact information (phone number, email, or support portal).

HYDROTOOLS™

By *SWIMLINE*



**50+ Years
Experience**



**New York
USA Based**



**On-Demand
Customer Service**



**Family Operated
Business**

Image: Graphic highlighting HYDROTOOLS' commitment to customer experience, including 50+ years of experience, New York USA based operations, on-demand customer service, and being a family-operated business.

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