

Intex 282982

INTEX SX925 Krystal Clear Sand Filter Pool Pump User Manual

Model: SX925 | Brand: Intex

1. INTRODUCTION AND PRODUCT OVERVIEW

The INTEX SX925 Krystal Clear Sand Filter Pool Pump is designed to provide superior water circulation and filtration for above-ground pools. Utilizing Hydro Aeration Technology, it enhances water clarity and freshness by improving aeration and increasing negative ions at the water surface. This manual provides essential information for the safe and efficient operation and maintenance of your sand filter pump.



Figure 1.1: INTEX SX925 Krystal Clear Sand Filter Pool Pump. This image shows the complete sand filter pump unit, including the filter tank, pump motor, and multi-port valve, ready for connection to a pool system.

2. SAFETY PRECAUTIONS

Always read and follow all instructions carefully before installing, operating, or maintaining this product. Failure to do so can result in serious injury or property damage. Keep this manual for future reference.

- Ensure the pump is connected to a grounded electrical outlet protected by a Ground Fault Circuit Interrupter (GFCI).
- Do not operate the pump if the power cord or plug is damaged.

- Never operate the pump when people are in the pool.
- Keep children away from the pump and electrical connections.
- Disconnect power before performing any maintenance or service.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. COMPONENTS AND ASSEMBLY

Before beginning assembly, ensure all parts are present and undamaged. Refer to the packing list provided with your product for a complete inventory.

3.1 Package Contents

- Sand Filter Tank
- Pump Motor
- Multi-Port Valve
- (2) 1.25-inch Connector Hoses
- 25-foot Power Cord with GFCI
- Hydro Aeration Technology Inlet Fitting
- Pressure Gauge

3.2 Assembly Steps

1. Place the sand filter tank on a firm, level surface near your pool.
2. Fill the filter tank with the recommended amount of filter sand (approximately 14.3 lbs of #20 Silica sand).
3. Attach the multi-port valve to the top of the filter tank, ensuring a secure seal.
4. Connect the pump motor to the filter tank.
5. Connect the two 1.25-inch connector hoses between the pump and the pool's inlet and outlet fittings. Ensure the Hydro Aeration Technology inlet fitting is properly installed.
6. Ensure all connections are tight to prevent leaks.

Sand Filter Pump *FEATURES*



Built-in Timer/Control Panel



Pressure Gauge



**4 Functions
(Filtration, Circulation,
Backwash, and Drain)**

Figure 3.1: Setup of the Krystal Clear Sand Filter Pump. This image illustrates a person connecting the hoses of the sand filter pump to an above-ground pool, demonstrating the ease of installation.

4. OPERATING INSTRUCTIONS

The SX925 sand filter pump features a user-friendly control panel and a multi-port valve for various operational modes.

4.1 Control Panel and Timer

The pump is equipped with a built-in 24-hour timer, allowing you to set pre-programmed cycles from 2 to 12 hours for automatic operation. This feature simplifies daily pool maintenance.



Figure 4.1: Control Panel and Timer. This image highlights the digital display and buttons on the pump's control panel, used for setting the timer and managing pump functions.

4.2 Multi-Port Valve Functions

The multi-port valve allows you to select different modes of operation for your sand filter system:

- **Filter:** For normal filtering of pool water. Water flows through the sand bed, trapping debris.
- **Backwash:** For cleaning the sand filter. Water flows in reverse through the sand bed, dislodging trapped debris and sending it to waste.
- **Rinse:** Used after backwashing to settle the sand bed and flush out any remaining dirty water before returning to filter mode.
- **Waste/Drain:** For bypassing the filter and directly draining water from the pool, useful for lowering water levels or vacuuming heavy debris directly to waste.
- **Recirculate:** For circulating pool water without filtering, useful for distributing chemicals.
- **Closed:** Shuts off all flow to the filter and pump. Use only when the pump is off.



Figure 4.2: Multi-Port Valve. This close-up shows the handle and settings of the multi-port valve, indicating the various operational modes such as Filter, Backwash, and Rinse.

4.3 Hydro Aeration Technology

The integrated Hydro Aeration Technology enhances water quality by injecting air into the water. This process leads to:

- **Improved Circulation and Filtration:** Air bubbles accelerate water circulation, causing fine particles to clump together, making them easier to filter.
- **Improved Water Clarity:** Aeration oxidizes iron and manganese, removing them from the water and improving clarity.
- **Increased Freshness:** More negative ions are generated, improving overall air quality around the pool.

KRYSTAL CLEAR Sand Filter Pump



Figure 4.3: Hydro Aeration Technology in action. This image shows the water inlet jet releasing aerated water into the pool, demonstrating the enhanced circulation and bubble generation.

5. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your sand filter pump.

5.1 Backwashing the Filter

Backwashing is crucial for cleaning the sand filter. Perform backwashing when the pressure gauge reading increases by 3-5 PSI above the clean filter operating pressure, or when water flow significantly decreases.

1. Turn off the pump.
2. Rotate the multi-port valve handle to the "BACKWASH" position.
3. Turn on the pump and run until the water in the sight glass (if available) runs clear (typically 2-3 minutes).
4. Turn off the pump.
5. Rotate the multi-port valve handle to the "RINSE" position.

6. Turn on the pump and run for 30-60 seconds.
7. Turn off the pump.
8. Rotate the multi-port valve handle back to the "FILTER" position.
9. Turn on the pump for normal operation.



Figure 5.1: Pressure Gauge. This close-up shows the pressure gauge, which indicates the internal pressure of the filter system and helps determine when backwashing is needed.

5.2 Sand Replacement

Filter sand typically needs to be replaced every 5 years, depending on usage and water quality. Refer to the detailed instructions in the full user manual for the sand replacement procedure.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your sand filter pump.

Problem	Possible Cause	Solution
Low water flow from return jet	Clogged filter sand; dirty skimmer basket/pump strainer; air in system; low water level.	Backwash filter; clean baskets; check for air leaks and prime pump; add water to pool.
Cloudy pool water	Insufficient filtration time; dirty filter sand; improper chemical balance.	Increase run time; backwash filter; test and adjust pool chemicals.
Pump not starting	No power; GFCI tripped; motor overheating.	Check power connection; reset GFCI; allow motor to cool.
Water leaking from pump/valve	Loose connections; damaged O-rings/gaskets.	Tighten connections; inspect and replace O-rings/gaskets as needed.

7. PRODUCT SPECIFICATIONS

Detailed technical specifications for the INTEX SX925 Krystal Clear Sand Filter Pool Pump.

Specification	Value
Brand	Intex
Model Number	282982
Size	925 Gallons Per Hour
Pump Flow Rate (Pump Capacity)	925 GPH (3,501 LPH)
System Flow Rate (In Pool)	550 GPH (2,081 LPH)
Suitable for Pools Up To	4,500 gallons
Voltage	120 Volts
Wattage	120 watts
Material	Plastic
Product Dimensions	12"L x 18"W x 14"H
Item Weight	16.88 Pounds
Sand Capacity	14.3 lb (6.5 kg) #20 Silica
UPC	078257266418

Sand Filter Pump **SPECS**



System Flow Rate

550 gal./hr. (2.08 m³/hr)



Sand Capacity

14.3 lb (6.5 kg) #20 Silica



Pool Size/Water Capacity

Min: 232 gal (0.9m³)
Max: 4,440 gal (16.8m³)



Voltage

110-120 (W/GFCI)

Figure 7.1: Key Specifications. This graphic summarizes important specifications such as system flow rate, sand capacity, pool size compatibility, and voltage.





8. WARRANTY AND CUSTOMER SUPPORT

Intex designs, builds, and tests all its products to the highest standards, prioritizing safety and durability. For detailed warranty information, product registration, or technical assistance, please refer to the official Intex website or contact their customer support.

You can also refer to the official User Manual PDF for more comprehensive information:

[Download Official User Manual \(PDF\)](#)

Related Documents - 282982

	<p>Intex SF10110 Krystal Clear Sand Filter Pump Owner's Manual</p> <p>Comprehensive owner's manual for the Intex SF10110 Krystal Clear Sand Filter Pump, detailing safety rules, setup instructions, operating procedures, maintenance, troubleshooting, and product specifications for optimal pool care.</p>
	<p>Intex Krystal Clear Sand Filter Pump SF90110-1 Owner's Manual</p> <p>Comprehensive owner's manual for the Intex Krystal Clear Sand Filter Pump, Model SF90110-1. Includes setup instructions, operating procedures, maintenance tips, troubleshooting guide, and safety information for above-ground swimming pools.</p>
	<p>Intex Krystal Clear SX 925 Sand Filter Pump Owner's Manual</p> <p>Owner's manual for the Intex Krystal Clear SX 925 Sand Filter Pump (Model SF40220), providing essential safety rules, detailed setup instructions, operating procedures, maintenance guidelines, troubleshooting tips, and warranty information for efficient pool filtration.</p>
	<p>Intex Krystal Clear Sand Filter Pump SF90220T Owner's Manual</p> <p>Comprehensive owner's manual for the Intex Krystal Clear Sand Filter Pump, Model SF90220T. Includes safety rules, parts reference, setup instructions, operating procedures, maintenance, troubleshooting, and warranty information.</p>
	<p>Intex Krystal Clear SX 1500 Sand Filter Pump Manual & Installation Guide</p> <p>Comprehensive user manual and installation guide for the Intex Krystal Clear SX 1500 Sand Filter Pump (Model SF90220-2). Learn about safe installation, operation, maintenance, troubleshooting, and warranty information.</p>
	<p>Intex SX 925 Krystal Clear Sand Filter Pump Owner's Manual</p> <p>Comprehensive owner's manual for the Intex SX 925 Krystal Clear Sand Filter Pump (Model SF40220). Includes important safety rules, parts reference, setup instructions, operating instructions, maintenance, troubleshooting, and limited warranty information.</p>

