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› INTEX 3000 GPH Above Ground Swimming Pool Sand Filter Pump with Automatic Timer - Instruction Manual

## Intex 26651EG

# INTEX 3000 GPH Above Ground Swimming Pool Sand Filter Pump with Automatic Timer

Model: 26651EG | Brand: Intex

## 1. PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient operation of your INTEX 3000 GPH Above Ground Swimming Pool Sand Filter Pump. This system is designed to improve circulation and filtration, ensuring clearer and healthier pool water.

- **Pool Filter Accessory Kit:** Includes an INTEX Krystal Clear sand filter pump model 26651EG 3000 GPH for above-ground swimming pools bundled with a 2-pack of 1.5-inch pump replacement hoses.
- **Sand Filter Pump:** Simple-to-use INTEX sand filter pump makes maintenance easy with the 6-function control giving options to backwash, rinse, recirculate, drain, filter, and close the system.
- **Crystal-Clear Water:** This swimming pool filter system improves circulation and filtration with Hydro Aeration Technology, creating clearer, healthier water with negative ions.
- **Specifications:** Included strainer basket prolongs sand life and cleans easily; Sand requires replacement once every 5 years.
- **Replacement Hoses:** Keep the swimming pool filter pump running without interruption by using the pool pump replacement hose that screws on both ends, making installation quick and easy; Includes 2 hoses.

## Sand Filter Pump **SPECS**



### System Flow Rate

2,450 gal./hr. (9.3 m<sup>3</sup>/hr)



### Sand Capacity

120 lb (55 kg) #20 Silica



### Pool Size/Water Capacity

Min: 5,500 gal (20.8m<sup>3</sup>)  
Max: 19,600 gal (74.2m<sup>3</sup>)



### Voltage

110-120 (W/GFCI)

Figure 1: The Intex 3000 GPH Sand Filter Pump system, including the pump, sand tank, and connecting hoses.

## 2. SETUP AND INSTALLATION

Proper setup is crucial for the optimal performance and longevity of your sand filter pump. Follow these general steps for installation.

### 2.1 Site Preparation

- Choose a level, firm surface for the pump, ideally on concrete pavers or a dedicated pad.
- Ensure the pump is located within reach of a grounded electrical outlet (GFCI protected) and close enough to the pool for hose connections.

### 2.2 Assembling the Pump and Tank

1. Place the sand tank on the prepared level surface.
2. Carefully add the recommended amount of #20 Silica sand (approximately 120 lbs or 55 kg) into the tank.

Ensure the standpipe is centered during this process.

3. Attach the 6-function control valve to the top of the sand tank, ensuring a secure, watertight seal.
4. Connect the pump motor to the sand tank using the provided hoses and fittings.

### 2.3 Connecting to the Pool

1. Connect the pump's intake hose to the pool's skimmer or intake fitting.
2. Connect the pump's return hose to the pool's return jet, utilizing the Hydro Aeration Technology inlet fitting for enhanced water quality.
3. Ensure all connections are tight to prevent leaks.

## Sand Filter Pump *FEATURES*



**Built-in Timer/Control Panel**



**Pressure Gauge**



**6 Functions**

**Filtration, circulation, backwash,  
drain, rinse and close the system**



**Strainer Basket**

Figure 2: The sand filter pump connected to an above-ground pool, ready for operation.

Video 1: A quick review of the Intex 3000 GPH Sand Filter Pump, demonstrating its connection to a pool and highlighting its ease of use and effectiveness in maintaining clear water.

### 3. OPERATING INSTRUCTIONS

Your Intex Sand Filter Pump features a 6-function control valve and an automatic timer for convenient operation.

#### 3.1 Control Valve Functions

The 6-function control valve allows you to select different modes of operation:

- **FILTER:** Normal filtering mode. Water is pumped through the sand bed, filtered, and returned to the pool.
- **BACKWASH:** Reverses water flow through the sand bed to clean the filter. Dirty water is discharged through the waste port.
- **RINSE:** Used after backwashing to settle the sand bed and flush out any remaining dirty water from the valve.
- **RECIRCULATE:** Circulates pool water without filtering, useful for mixing chemicals.
- **DRAIN:** Drains water directly from the pool, bypassing the filter.
- **CLOSED:** Shuts off all flow to the filter and pool. Use for maintenance or when the pump is off.

#### Sand Filter Pump *SPECS*



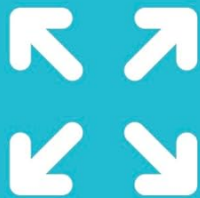
#### Hose Length

59"



#### Pump Capacity

1500 GPH or higher



#### Hose Size

1.5" in diameter  
and 59" in length

Figure 3: Key features of the Intex Sand Filter Pump, including the control panel with timer, pressure gauge, multi-function valve, and

strainer basket.

### 3.2 Automatic Timer

The integrated automatic timer allows you to set specific operating hours for the pump, ensuring consistent filtration without manual intervention. Refer to the pump's control panel for setting instructions.

Video 2: A demonstration of the Intex Sand Filter Pump's timer function and multi-port valve settings, showing how to operate the unit for various pool maintenance tasks.

Video 3: A full demonstration and review of the pool filter, detailing its setup and operational aspects for effective pool cleaning.

## 4. MAINTENANCE

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

### 4.1 Backwashing and Rinsing

- Monitor the pressure gauge. When the pressure rises 5-10 PSI above the clean operating pressure, it's time to backwash.
- Turn off the pump. Set the control valve to **BACKWASH**. Turn on the pump and backwash until the water in the sight glass is clear (approx. 2-3 minutes).
- Turn off the pump. Set the control valve to **RINSE**. Turn on the pump and rinse for about 30-60 seconds.
- Turn off the pump. Set the control valve back to **FILTER**. Turn on the pump to resume normal operation.

### 4.2 Strainer Basket Cleaning

The pump includes a strainer basket to catch larger debris before it reaches the sand filter. Regularly check and clean this basket to maintain optimal flow.

- Turn off the pump and close any necessary valves to prevent water flow.
- Remove the strainer basket cover and lift out the basket.
- Empty any debris and rinse the basket thoroughly.
- Replace the basket and cover, ensuring a tight seal.

### 4.3 Sand Replacement

The filter sand typically needs replacement once every 5 years, depending on usage and water quality.

## 5. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Low Water Flow	Clogged strainer basket, dirty sand filter, air in the system, restricted hoses.	Clean strainer basket, backwash/rinse filter, check for air leaks, clear hose obstructions.
Cloudy Pool Water	Insufficient filtration time, dirty filter sand, improper chemical balance.	Increase filtration time, backwash/rinse filter, test and adjust pool chemicals.
Pump Not Starting	No power, tripped GFCI, motor issue.	Check power supply and GFCI, consult a qualified technician if motor is faulty.
Water Leaks	Loose connections, worn O-rings/gaskets, cracked housing.	Tighten connections, replace O-rings/gaskets, contact support for cracked components.

## 6. SPECIFICATIONS

Detailed technical specifications for your Intex Sand Filter Pump.

- **Brand:** Intex
- **Model Number:** 26651EG
- **Power Source:** Electric
- **Voltage:** 110-120V (with GFCI)
- **System Flow Rate:** 2,450 gal./hr. (9.3 m<sup>3</sup>/hr)
- **Pump Capacity:** 1500 GPH or higher
- **Sand Capacity:** 120 lb (55 kg) #20 Silica
- **Minimum Pool Size:** 5,500 gal (20.8 m<sup>3</sup>)
- **Maximum Pool Size:** 19,600 gal (74.2 m<sup>3</sup>)
- **Hose Size:** 1.5 inches in diameter and 59 inches in length
- **Material:** Metal
- **Color:** Black

# KRYSTAL CLEAR Sand Filter Pump



Figure 4: Visual representation of key specifications for the sand filter pump.

# INTEX®

## Sand Filter Pump **SX3000**

Keep Water Sparkling Clear

- ✓ **Compatible with:**  
Most above ground pools up to 19,600 gal.
- ✓ **Easy Installation:**  
Simply hook up hoses and plug in.
- ✓ **Cost-efficient filter**  
No maintenance required except replacement of sand every 5 years
- ✓ **Sand Capacity:**  
120 lb (55 kg) #20 Silica



Figure 5: Additional specifications detailing hose dimensions and pump capacity requirements.

### 7. FINDING YOUR MODEL NUMBER

When contacting customer service or ordering replacement parts, you may need to provide your product's model numbers. These are typically found on a label on the pump motor or sand tank.

Video 6: Instructions on how to locate the model number on Intex Sand Filter Pumps for easy reference.

### 8. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, replacement parts, or warranty claims, please contact Intex customer service.

**Contact Information:** Refer to your product packaging or the official Intex website for the most current contact details.