

## Intex 28604

# Intex Krystal Clear Cartridge Filter Pump User Manual

Model: 28604 | Brand: Intex

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### IMPORTANT SAFETY INFORMATION

Read, understand, and follow all instructions carefully before installing and using this product. Keep this manual for future reference.

- Always disconnect the power cord from the electrical outlet before performing any service or maintenance.
- Do not bury the electrical cord. Locate the cord where it will not be damaged by lawn mowers, hedge trimmers, or other equipment.
- To reduce the risk of electric shock, do not use an extension cord to connect the unit to electric supply; provide a properly located outlet.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The pump must be supplied by a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
- The appliance must be connected to an earthed mains socket-outlet.
- Do not operate the filter pump if the water temperature is above 35°C (95°F) or below 10°C (50°F).

### PRODUCT OVERVIEW

The Intex Krystal Clear Cartridge Filter Pump (Model 28604) is designed to keep your pool water clean and clear. It circulates and filters the water, removing debris and impurities. This pump is ideal for pools up to 15 feet in diameter and features a flow rate of

530 gallons (US) per hour (2000 liters per hour).



Figure 1: Intex Krystal Clear Cartridge Filter Pump (Model 28604).

**Package Contents:**

- Filter Pump Unit
- Two Hoses with 32mm fittings
- Filter Cartridge (Type A)
- Inlet and Outlet Strainers
- Hose Clamps
- Instruction Manual

#28604 All Panel  
 Box Size: 11.75" x 11.75" x 15"  
 Date: 04/07/2023



Figure 2: Components of the Intex Krystal Clear Filter Pump, including the pump body, filter cartridge, hoses, and connectors.

### SETUP & INSTALLATION

Proper installation is crucial for the efficient operation and longevity of your filter pump. Follow these steps carefully.

#### 1. Site Selection:

- Place the filter pump on a firm, level surface.
- Ensure the pump is at least 2 meters (6.5 feet) away from the pool.
- The pump should be easily accessible for maintenance.
- Avoid placing the pump in areas prone to flooding or excessive moisture.



Figure 3: Example of proper pump placement on a level surface near the pool.

## 2. Connecting Hoses:

1. Attach one hose to the lower connection of the pool (water inlet) and the "IN" port of the pump. Secure with hose clamps.
2. Attach the second hose to the upper connection of the pool (water outlet) and the "OUT" port of the pump. Secure with hose clamps.
3. Ensure all connections are tight to prevent leaks.



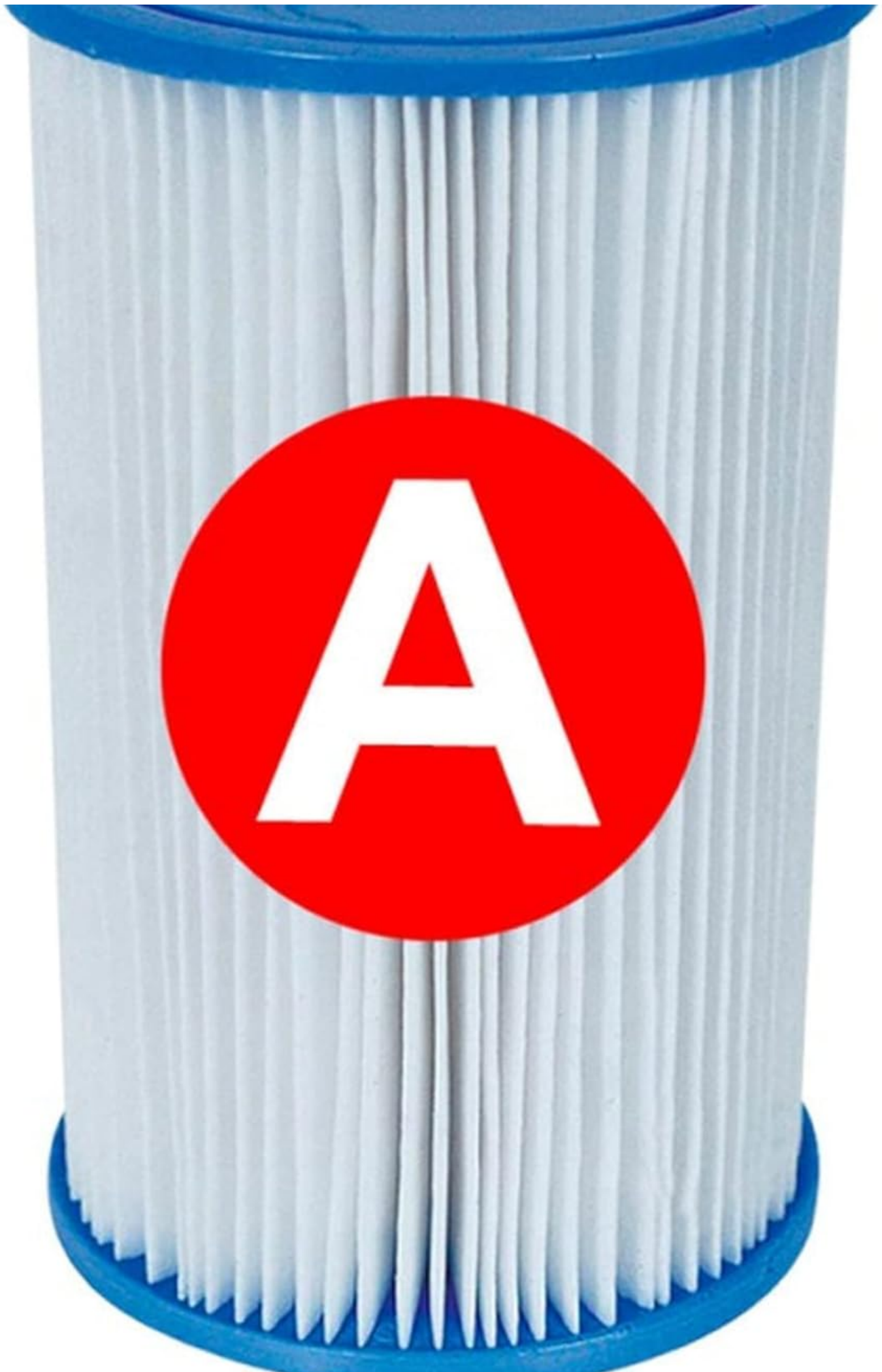


Figure 4: Hoses connected to the filter pump and ready for pool attachment.

### 3. Installing Filter Cartridge:

1. Unscrew the filter housing collar and remove the lid.
2. Insert the Type A filter cartridge into the pump housing.
3. Replace the lid and screw the collar back on tightly.



Figure 5: A Type A filter cartridge, essential for the pump's filtration process.

## OPERATION

Once installed, operating your filter pump is straightforward. Follow these steps for safe and effective use.

### 1. Priming the Pump:

1. Ensure the pool is filled with water to the appropriate level.

2. Open the air release valve on top of the filter pump housing.
3. Water will begin to fill the pump. Once a steady stream of water flows from the air release valve, close the valve. This indicates the pump is primed.

## 2. Starting the Pump:

- Plug the pump into a grounded electrical outlet.
- The pump will begin to circulate water.
- Allow the pump to run for several hours daily to ensure proper filtration. The recommended run time depends on pool size and usage.



Figure 6: The Hydro Aeration Technology outlet, which enhances water circulation and filtration.

# INTEX®

SISTEMAS DE FILTRACIÓN

## DEPURADORA CARTUCHO

REF: 58.604

Item INTEX : 28.604

TIPO DE CARTUCHO



\*Cambie el cartucho cada dos semanas

**KG** Peso caja **3,5kg**



### FILTRACIÓN EFICIENTE

Equipos de mantenimiento indicados para piscinas INTEX de pequeño y mediano tamaño. La filtración por medio de cartucho asegura una mejor calidad y un óptimo rendimiento del proceso de limpieza del agua. Su instalación y manejo es muy sencillo. Cuenta con el exclusivo sistema Hydro Aeration Technology™ que mejora la circulación y filtración del agua, consiguiendo una mayor calidad y pureza.



### CARACTERÍSTICAS

#### HYDRO AERATION TECHNOLOGY™

Mejora en la Circulación, Filtración y Pureza del agua, así como el aumento de iones negativos sobre la superficie del agua.

- Para manguera de Ø32 mm.
- Fácil de instalar y utilizar.
- Requiere filtro tipo A.



Capacidad piscina <13.600 L

Programador NO

Grado de protec. IPX5 / IPX7

Filtrado por hora 2.006 L

Temp. máx. agua 35°C

Potencia motor 45 W

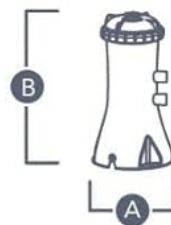
Altura máx. agua 1 m

VÁLIDA PARA PISCINAS

hasta 13.600 L

EASY SET	METAL FRAME	PRISMA FRAME
54402 (28101)	55240 (28206)	55200 (26700)
55236 (28106)	55241 (28208)	55201 (26702)
55237 (28108)	55242 (28205)	55202 (26710)
55239 (28118)	56999 (28202)	55203 (26712)
55238 (28116)	56994 (28210)	55210 (26784)
56007 (28122)	58983 (28270)	55211 (26788)
56420 (28130)	58980 (28271)	55243 (26790)
56422 (28132)	58981 (28272)	
56050 (28143)	56982 (28273)	
56051 (28142)	55234 (28274)	

#### ESPCIO MÍNIMO RECOMENDADO POR EL FABRICANTE



**A** 0,18 m

**B** 0,33 m



0,70m x 0,70m

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Figure 7: Close-up of the Hydro Aeration Technology valve and hose connection.

### **3. Shutting Down the Pump:**

- Unplug the pump from the electrical outlet.
- If performing maintenance, close the plunger valves on the pool's inlet and outlet connections to prevent water flow.

## **MAINTENANCE**

Regular maintenance ensures optimal performance and extends the life of your filter pump.

### **1. Cleaning the Filter Cartridge:**

- Disconnect the power.
- Unscrew the filter housing collar and remove the lid.
- Remove the filter cartridge.
- Rinse the cartridge thoroughly with a garden hose to remove debris.
- If the cartridge remains dirty or discolored after rinsing, it should be replaced.
- Reinsert the cleaned or new cartridge and reassemble the pump.



Figure 8: A clean Type A filter cartridge, ready for use or replacement.

## 2. Replacing the Filter Cartridge:

- Filter cartridges should be replaced every two weeks, or more frequently depending on pool usage and water condition.
- Always use genuine Intex Type A replacement cartridges.

## 3. Winterization:

- Before freezing temperatures, disconnect the pump from the power supply.
- Drain all water from the pump and hoses.
- Remove the filter cartridge and discard it.
- Store the pump and hoses in a dry, frost-free location.

## TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Pump not running	No power; tripped RCD/GFCI; motor overheating.	Check power connection; reset RCD/GFCI; allow motor to cool down.
Low water flow	Clogged filter cartridge; air in system; kinked hoses; blocked inlet/outlet strainers.	Clean or replace cartridge; prime pump to release air; straighten hoses; clean strainers.
Water leaking from pump	Loose connections; damaged O-rings/seals; cracked housing.	Tighten hose clamps/connections; inspect and replace O-rings/seals; contact customer support for cracked housing.
Noisy pump operation	Air in system; debris in impeller; pump not level.	Prime pump; disconnect power and check impeller for debris; ensure pump is on a stable, level surface.

## SPECIFICATIONS

- **Model:** Intex 28604 Krystal Clear Cartridge Filter Pump
- **Flow Rate:** 2000 liters per hour (530 US gallons per hour)
- **Voltage:** 220-240 V
- **Wattage:** 45 watts
- **Material:** Plastic
- **Color:** Grey
- **Product Dimensions:** 17.1 x 18.4 x 32.8 cm (6.7 x 7.2 x 12.9 inches)
- **Item Weight:** 2.48 Kilograms (5.47 lbs)
- **Compatible Filter Cartridge:** Type A
- **Ideal Pool Size:** Up to 15 ft (4.57 m) diameter

## WARRANTY & SUPPORT

Intex stands behind the quality of its products. For warranty information and customer support, please refer to the details below.

### Warranty Information:

This Intex product is covered by a limited warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase. Please retain your original purchase receipt as proof of purchase for warranty claims. Specific warranty terms and duration may vary by region. Refer to the warranty card included with your product or visit the official Intex website for detailed information.

### Customer Support:

For technical assistance, troubleshooting, or to inquire about replacement parts, please contact Intex Customer Service. Contact details can typically be found on the Intex website or on the product packaging. When contacting support, please have your product model number (28604) and purchase date ready.

You can visit the official Intex website for more information: [www.intexcorp.com](http://www.intexcorp.com)