Intex 28633EG

INTEX C2500 Krystal Clear Cartridge Filter Pump User Manual

Model: 28633EG | Brand: Intex

1. Introduction

The INTEX C2500 Krystal Clear Cartridge Filter Pump is designed to provide superior water circulation and filtration for above-ground pools. Featuring advanced Hydro Aeration Technology, this pump enhances water clarity and freshness by improving aeration, circulation, and increasing negative ions at the water surface. Its robust 2500 GPH pump flow rate ensures efficient cleaning for pools up to 15,200 gallons.



Figure 1: INTEX C2500 Krystal Clear Cartridge Filter Pump

2. Important Safety Information

Always prioritize safety when operating electrical pool equipment. This product is designed, built, and tested to high standards with safety as the primary concern. Please read and understand all instructions before installation and use. Failure to follow these instructions can result in serious injury or death.

- Do not operate the pump if the power cord or plug is damaged.
- Ensure the pump is properly grounded.
- Keep children away from the pump and electrical connections.
- Always disconnect power before performing any maintenance or cleaning.

- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 Warning).

For detailed safety guidelines and warnings, refer to the official User Manual (PDF) provided with your product or available on the product page.

3. Product Overview

The INTEX C2500 Krystal Clear Cartridge Filter Pump is engineered for optimal performance and ease of use. Key features include:

- **Hydro Aeration Technology:** Improves circulation, water clarity, and increases negative ions.
- **Easy Installation:** Simple hook-up with hoses and plug-in operation.
- **Easy-to-Clean Cartridge:** Uses Type B filter cartridges (#29005E) for ultimate filtration.
- **High Flow Rate:** 2,500 GPH pump flow rate (9,463 LPH) and 1,900 GPH (7,192 LPH) system flow rate.
- **Automatic Timer:** Allows for programmed operation.

Components and Features

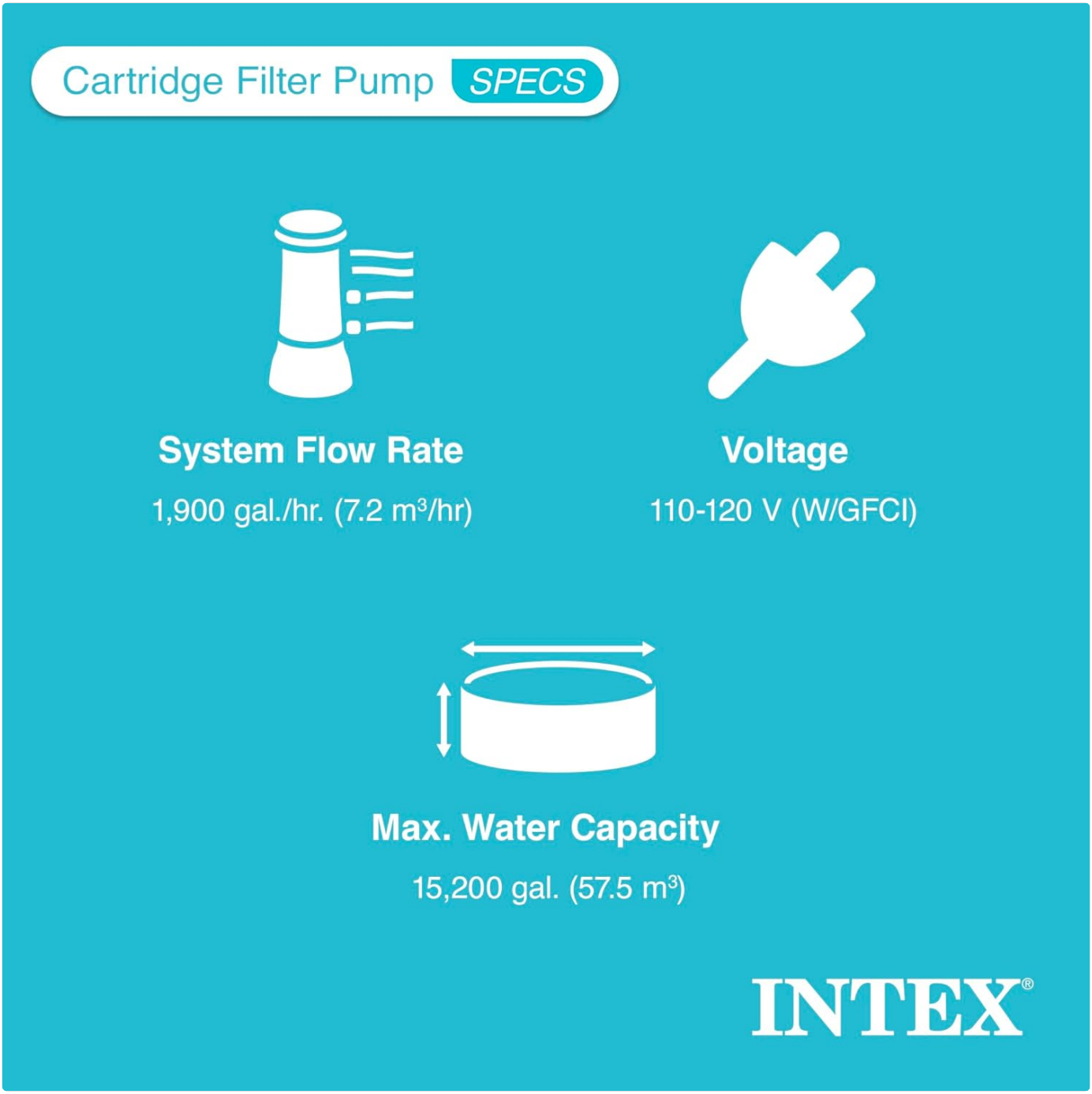


Figure 2: Key features of the C2500 Filter Pump including Cartridge Gauge, Air Release Valve, Automatic Timer, and Easy-to-use connectors.

Specifications

Specification	Value
Brand	Intex
Model Number	28633EG
Pump Flow Rate	2,500 GPH (9,463 LPH)
System Flow Rate	1,900 GPH (7,192 LPH)
Suitable Pool Size	Up to 15,200 gallons
Hose Fitting Diameter	1.25 inches (32mm)
Filter Cartridge Type	Type B (Item #29005E)

Power Source	AC, 120 Volts
Product Dimensions	20.2"L x 16.2"W x 13.9"H
Item Weight	19.56 Pounds



Figure 3: Dimensions of the INTEX C2500 Krystal Clear Cartridge Filter Pump.

4. Setup & Installation

The INTEX C2500 Krystal Clear Cartridge Filter Pump is designed for easy installation. Follow these steps to set up your pump:

1. **Placement:** Position the pump on a solid, level surface near your pool, ensuring it is at least 6 feet away from the pool wall and on a surface that can support its weight when filled with water.
2. **Hose Connection:** Connect the two hoses from the pump to the appropriate inlet and outlet fittings on your above-ground pool. Ensure a secure and watertight connection. The pump is suitable for INTEX pools with 1.25-inch (32mm) diameter

hose fittings.

3. **Filter Cartridge Installation:** Open the filter housing and insert a new Type B filter cartridge. Securely close the housing.
4. **Priming the Pump:** Before plugging in, ensure the pump is filled with water to prevent airlock. Open the air release valve on top of the filter housing until water flows out steadily, then close it.
5. **Power Connection:** Plug the pump into a properly grounded electrical outlet. The pump features a built-in GFCI for protection.

Partial assembly is required. Always refer to the detailed installation manual for specific diagrams and instructions.

5. Operating Instructions

Once installed, operating your INTEX C2500 pump is straightforward:

- **Turning On/Off:** Use the power switch located on the pump to turn it on or off.
- **Timer Setting:** The pump includes an automatic timer. Set the desired operating hours (e.g., 2, 4, 6, 8, or 12 hours) using the dial. The pump will automatically run for the set duration each day at the same time it was initially turned on.
- **Hydro Aeration Technology:** This feature automatically enhances water quality. As the pump operates, it introduces air into the pool water, leading to improved circulation, better filtration by clumping fine particles, increased water clarity through oxidation, and a boost in negative ions for overall air freshness around the pool.



Figure 4: Visual representation of Hydro Aeration Technology improving water quality.



Figure 5: Advanced circulation patterns created by the pump for efficient water movement.

6. Maintenance

Regular maintenance is crucial for the longevity and efficiency of your filter pump. The C2500 Krystal Clear Cartridge uses Type B filter cartridges (Item #29005E).

- **Filter Cartridge Replacement:** Filter cartridges should be changed every 2 weeks under normal use. The Type B filter cartridge is made with easy-to-clean Dacron paper for ultimate filtration.
- **Cartridge Gauge:** The pump features a cartridge gauge that notifies you when the cartridge needs to be washed or replaced. Monitor this indicator for optimal performance.
- **Cleaning the Filter:** Before replacing, you can rinse the filter cartridge with a garden hose to remove loose debris. However, regular replacement is recommended for best results.
- **Winterization:** Before storing the pump for the winter, ensure all water is drained from the pump and hoses. Store in a dry, protected area.



Figure 6: The cartridge gauge indicates when the filter needs attention.



Figure 7: The Type B filter cartridge is designed for easy cleaning and replacement.

7. Troubleshooting

If you encounter issues with your INTEX C2500 Krystal Clear Cartridge Filter Pump, refer to the following common troubleshooting tips:

- **Low Water Flow:**
  - Check if the filter cartridge is dirty and needs cleaning or replacement.
  - Ensure all hoses are free of kinks or blockages.
  - Verify that the air release valve on top of the filter housing is closed after priming.
  - Check for air in the system; re-prime the pump if necessary.
- **Pump Not Starting:**

- Ensure the pump is securely plugged into a working electrical outlet.
- Check the GFCI plug and reset it if it has tripped.
- Verify the power switch on the pump is in the 'ON' position.

- **Water Not Clearing:**
  - Ensure the pump is running for sufficient hours daily (e.g., 8-12 hours for larger pools).
  - Clean or replace the filter cartridge.
  - Check pool water chemistry (pH, chlorine levels) and adjust as needed.

For more complex issues, consult the comprehensive troubleshooting guide in the User Manual (PDF) or contact Intex customer support.

8. Warranty & Support

Intex stands by the quality of its products. This filter pump comes with a manufacturer's warranty. Please refer to the warranty information included in your product packaging or visit the official Intex website for details regarding warranty coverage and claims.

For additional support, including detailed installation guides, user manuals, and FAQs, please visit theIntex Store on Amazon or download the official PDF documents:

- Installation Manual (PDF)
- User Guide (PDF)
- User Manual (PDF)

© 2023 Intex. All rights reserved.

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