

Intex 28636GS

Intex 28636GS Krystal Clear Cartridge Filter Pump

Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the Intex 28636GS Krystal Clear Cartridge Filter Pump. This pump is an essential component for maintaining clean and clear water in your swimming pool. It is specifically designed for various Intex pool types, including easy-set pools (549 cm), frame pools (549/610 cm), and oval prism frame pools (503/610 cm).

The pump features a double-insulated design and includes an air release valve to efficiently remove trapped air from the filter chamber, ensuring optimal performance. With a pump flow rate of 5,678 liters per hour and a system flow rate of 4,164 liters per hour, this filter cartridge pump facilitates rapid water circulation, contributing to a superior swimming experience. It also incorporates Hydro Aeration Technology for improved water quality and a programmable timer for automatic operation.

2. IMPORTANT SAFETY INFORMATION

Read, understand, and follow all instructions carefully before installing and using this product. Failure to do so may result in serious injury or death.

- Always disconnect the pump from the electrical outlet before servicing or cleaning.
- Do not operate the pump if the power cord or plug is damaged.
- Ensure the pump is placed on a solid, level surface to prevent tipping.
- Keep children away from the pump and electrical connections.
- Never allow children to operate this product.
- 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.

- Do not bury the electrical cord. Locate cord where it will not be damaged by lawn mowers, hedge trimmers, or other equipment.
- The pump is designed for use with above-ground pools only.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning assembly.

- Filter Pump Unit (Motor and Filter Housing)
- Filter Cartridge (Type A)
- Inlet and Outlet Hoses
- Hose Clamps
- Inlet and Outlet Pool Fittings (including Hydro Aeration Technology inlet fitting)
- Instruction Manual

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully remove all contents from the packaging. Retain packaging for future storage or transport.

4.2 Assembly

1. Place the filter pump unit on a firm, level surface near the pool. Ensure it is at least 2 meters (6.5 feet) away from the pool edge.
2. Connect the inlet hose from the pool's lower connection to the pump's inlet port (marked with an arrow pointing towards the pump). Secure with hose clamps.
3. Connect the outlet hose from the pump's outlet port (marked with an arrow pointing away from the pump) to the pool's upper connection (Hydro Aeration Technology inlet fitting). Secure with hose clamps.
4. Ensure all connections are tight to prevent leaks.
5. Insert the filter cartridge into the filter housing. Ensure it is seated correctly.
6. Close and secure the filter housing lid.



Image showing the assembled Intex 28636GS Krystal Clear Cartridge Filter Pump, featuring the filter housing on the left and the pump motor unit on the right, with controls visible. This illustrates the compact design and main components.

5. OPERATING INSTRUCTIONS

5.1 Starting the Pump

1. Ensure the pool is filled to the appropriate level and all hoses are securely connected.
2. Open the air release valve on top of the filter housing. Water will begin to fill the filter chamber.
3. Once a steady stream of water flows from the air release valve, close the valve.
4. Plug the pump into a grounded electrical outlet.
5. Turn the power switch to the 'ON' position. The pump will begin to operate.

5.2 Timer Settings

The pump features a built-in timer with preset cycles from 2 to 12 hours for automatic operation. Refer to the

markings on the pump's control panel to set the desired operating duration. This allows for convenient, automated filtration.

6. MAINTENANCE

6.1 Filter Cartridge Cleaning and Replacement

The filter cartridge should be cleaned regularly and replaced every 2 weeks, or more frequently depending on pool usage and water condition.

1. Disconnect the pump from the electrical outlet.
2. Close the plunger valves on the pool's inlet and outlet connections to prevent water flow.
3. Unscrew the filter housing lid and remove the filter cartridge.
4. Rinse the cartridge thoroughly with a garden hose to remove debris. If the cartridge remains dirty or damaged, replace it with a new Intex Type A filter cartridge.
5. Reinsert the clean or new cartridge, secure the lid, and reopen the plunger valves before restarting the pump.

6.2 Winterization and Storage

Before storing the pump for the off-season, ensure it is thoroughly cleaned and dried. Store in a dry, frost-free location.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Pump not starting	No power; damaged cord/plug; motor malfunction	Check power connection; inspect cord for damage; contact customer support if motor issue.
Low water flow	Clogged filter cartridge; air in system; kinked hoses; closed plunger valves	Clean/replace filter; open air release valve; straighten hoses; open plunger valves.
Water leaking from connections	Loose hose clamps; damaged O-rings/gaskets	Tighten hose clamps; inspect and replace O-rings/gaskets if necessary.
Pump making unusual noise	Air in system; debris in impeller; motor issue	Release air from system; disconnect power and check for debris in impeller; contact support.

8. SPECIFICATIONS

Feature	Detail
Model Number	28636GS
Pump Flow Rate	5,678 liters per hour (1500 gallons per hour)
System Flow Rate	4,164 liters per hour (1100 gallons per hour)

Feature	Detail
Voltage	12 Volts
Dimensions (L x W x H)	36 x 24 x 29 cm (14.2 x 9.4 x 11.4 inches)
Weight	7.84 kilograms (17.28 lbs)
Material	16% PVC + 15% ABS + 15% CU + 33% PP + 21% Steel
Filter Media Type	Type A Cartridge
Suitable Pool Volume	Up to 33.3 m ³ (8,800 gallons)

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical support, or to order replacement parts, please refer to the contact information provided with your product packaging or visit the official Intex website. Keep your proof of purchase for warranty claims.

