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ecoclear®

ECO200

User Manual

The installation of this product should be carried out by a person knowledgeable in swimming pool plumbing requirements, following the installation instructions provided in this manual. Please pass these instructions on to the owner of this equipment.

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OVERVIEW

The **Ecoclear**® cartridge filter utilises high strength, engineered materials to ensure reliable, trouble free operation. The cartridge filter elements are made of non-woven fabrics which provide excellent water clarity, longer cycles between cleaning and maximum flow. The **Ecoclear**® cartridge filter has an easy to operate locking system for the top cover that makes regular maintenance to the cartridge easier. The 50mm connections provide fast installation and gives the **Ecoclear**® cartridge filter the ability to handle high flow rates.

Compact in design, the **Ecoclear**® cartridge filter provides superior performance in one convenient package. The **Ecoclear**® cartridge filter is part of a range of intensively researched, high quality, connected products that work in harmony to ensure the pool or spa is easy to maintain and ready for use at any time. As it does not require a backwash line, the **Ecoclear**® cartridge filter is efficient at water conservation making it eco friendly.

WARNING

- This filter operates under high pressure. When any part of the circulating system is serviced (e.g., clamp, pump, filter, valves, etc.) air can enter the system and become pressurised. Pressurised air can cause the lid or valve to be blown off which can result in severe injury, death, or property damage.
- Turn the pump off before changing the valve position.
- To prevent damage to the pump and for proper operation of the system, clean the pump strainer and skimmer baskets regularly.
- Do not unscrew the flange clamp screws while the pump is running.

INSTALLATION INSTRUCTIONS

1. Install the cartridge filter on a clean solid base such as concrete or similar.
2. The cartridge filter has an inlet port (from pump), an outlet port (to pool/spa) and a drain port with a blanking cap.
3. Screw the supplied inlet and outlet unions into the inlet and outlet ports. Thread tape is not required as the unions come supplied with O-rings for a water-tight seal.
4. Check the drain blanking cap is in position and secure.
5. Using Teflon tape, fit the pressure gauge to the filter lid.
6. If the filter is below water level, isolation valves must be installed on the inlet and outlet sides of the filter to enable the water flow to be shut off for cleaning and service requirements.
7. It is also recommended that a three (3) way valve be installed on the outlet side of the plumbing to allow dumping of water when necessary.

START-UP PROCEDURE

1. Make sure the cartridge and the lid and lock ring are fitted correctly.
2. Open any in-line valves (if fitted).
3. Switch on the pump and open the air release valve on the filter lid until water flows at an even stream.
4. Shut air release and record filter pressure at pressure gauge.

CLEANING

1. Switch off the pump and close any valves fitted to the suction and return lines.
2. Open air bleed valve on filter lid.
3. Loosen the lock ring and remove the lid.
4. Lift out the cartridge element. Hose it off with a high pressure hose. The element will require chemical cleaning twice (2) per year with Focus Filter Cleaner and Degreaser.
5. Refit the element – carefully locating it on the spigot in the base of the filter tank.
6. Clean the lid O-ring and refit the lid by pressing it firmly into place.
7. Tighten the lid locking ring until the safety catch locks.
8. Open any in-line valves and switch on the pump.
9. Open the air bleed valve and bleed any trapped air from the system.

WARRANTY

The **Ecoclear**® cartridge filter is covered by a 5-year limited warranty against defects in materials and faulty workmanship. The filter body, lid and lock ring are covered for a period of 5 years from date of purchase. The pressure gauge and filter element are covered by 1-year limited warranty from the date of purchase. Should a gauge or element fail, it must be returned to Maytronics freight prepaid for repair or replacement at our discretion.

Component	Warranty Period	Labour Cover	Warranty Type	Description
Cartridge Filter	5 Years Limited*	1 Year	Infield	5 Years - Replacement warranty on the filter body, locking ring and lid only. 1 year - on all other parts.

Maytronics shall not be responsible for consequential damages of any kind. This warranty does not cover damage caused by misuse or accident. This warranty is void if used on any other application other than swimming pools and spas. No person is authorised to make representation on behalf of Maytronics.

To have your **Ecoclear**® cartridge filter inspected, serviced and/or repaired under warranty please contact your point of purchase or call Maytronics to be directed to the nearest Warranty Service Agent. Please have your model, serial number, installation date and proof of purchase nearby to expedite your warranty request.

COMMERCIAL INSTALLATIONS

Commercial installation parts and labour warranty is 12 months from the date of purchase. Maytronics assume no liability for consequential damages of any kind.

SPECIFICATIONS

Product	Flow Rate	Filter Area (m_2)	Dimensions (mm)
ECO200	455 L/m	18.6	992 × 267



