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Pentair 179134

Pentair Genuine Replacement CNC Plus 320 Cartridge - 4 Pack User Manual

Model: 179134

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Pentair Genuine Replacement CNC Plus 320 Cartridge 4-Pack. These cartridges are designed to provide superior filtration for your pool or spa system, ensuring clean and clear water. For optimal performance and longevity, please follow all instructions carefully.



Image 1.1: Four Pentair CNC Plus 320 pool filter cartridges. These cartridges feature pleated filter media and blue end caps, designed for efficient water filtration in pool and spa systems.

2. Safety Information

Always ensure the pool pump is turned off and the system is depressurized before attempting any maintenance or replacement of filter cartridges. Failure to do so can result in serious injury or damage to equipment. Consult your pool filter system's primary manual for specific safety precautions related to your filter housing.

3. Setup and Installation

1. **Turn Off Power:** Disconnect power to the pool pump at the circuit breaker to prevent accidental startup.
2. **Depressurize System:** Open the air relief valve on top of your filter tank to release any pressure.
3. **Drain Filter Tank:** Open the drain plug at the bottom of the filter tank to allow water to empty.
4. **Open Filter Tank:** Remove the clamp or lid from the filter tank according to your specific filter model's instructions.
5. **Remove Old Cartridges:** Carefully lift out the old filter cartridges. Dispose of them properly.

6. **Clean Filter Tank:** Inspect the inside of the filter tank and clean any debris. Check the manifold and O-ring for wear or damage. Replace O-rings if necessary.
7. **Install New Cartridges:** Place the new Pentair CNC Plus 320 cartridges into the filter tank. Ensure they are seated correctly on the manifold.
8. **Close Filter Tank:** Reinstall the filter tank lid and secure the clamp. Ensure the O-ring is properly seated and lubricated. Close the drain plug.
9. **Prime Pump and Restart:** With the air relief valve open, turn on the pool pump. Once a steady stream of water emerges from the air relief valve, close it. Check for leaks.

Note: Always refer to your specific pool filter system's manual for detailed instructions on opening and closing the filter tank.

4. Operation

Once installed, the Pentair CNC Plus 320 cartridges will begin filtering your pool water. Monitor the pressure gauge on your filter tank. A clean filter will typically show a lower pressure reading. As the cartridges collect debris, the pressure will gradually increase. An increase of 8-10 PSI (pounds per square inch) above the clean operating pressure indicates that the cartridges require cleaning.

5. Maintenance

5.1 Cleaning the Cartridges

1. Follow steps 1-5 from the "Setup and Installation" section to safely remove the cartridges.
2. Use a garden hose with a spray nozzle to thoroughly rinse the pleats of each cartridge. Work from top to bottom, ensuring all debris is dislodged.
3. For stubborn dirt, oils, or calcium deposits, use a specialized filter cleaning solution. Follow the cleaner's instructions for soaking and rinsing.
4. Allow cartridges to air dry completely before reinstalling, if possible, to prevent mildew growth.
5. Reinstall the clean cartridges by following steps 6-9 from the "Setup and Installation" section.

5.2 Replacement Schedule

The lifespan of filter cartridges varies depending on usage, water chemistry, and maintenance frequency. Typically, Pentair CNC Plus 320 cartridges should be replaced every 1-3 years, or sooner if they show signs of damage, tearing, or if cleaning no longer restores adequate flow and pressure. Regular inspection is recommended.

6. Troubleshooting

Problem	Possible Cause	Solution
Reduced Water Flow / High Pressure	Clogged cartridges; Air in system; Pump issues.	Clean or replace cartridges; Bleed air from filter; Check pump basket and impeller.
Cloudy Pool Water	Dirty cartridges; Improper water chemistry; Damaged cartridges.	Clean or replace cartridges; Test and balance water chemistry; Inspect cartridges for tears.
Leaks from Filter Tank	Improperly seated O-ring; Damaged O-ring; Loose clamp.	Inspect and reseat O-ring; Replace O-ring; Tighten clamp according to manufacturer's specifications.

7. Specifications

- **Product Dimensions:** 14.5 x 14.5 x 20.62 inches
- **Item Weight:** 17 pounds (for the 4-pack)
- **Manufacturer:** Pentair
- **Model Number:** 179134
- **ASIN:** B08N3J8XP2
- **Compatibility:** Designed for Pentair CNC Plus 320 filter systems.

8. Warranty and Support

For information regarding product warranty, please refer to the official Pentair website or contact Pentair customer support directly. Keep your purchase receipt as proof of purchase. For technical assistance or further inquiries, please visit the Pentair Store on Amazon or the official Pentair website.

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