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Pureline PL0147

Pureline PL0147 175 Sq Ft Pool Replacement Cartridge Filter Instruction Manual

Compatible with Hayward C1750, PA175, Waterways Proclean, Hayward Star Clear Plus C 1750

1. PRODUCT OVERVIEW

The Pureline PL0147 is a high-quality replacement cartridge filter designed for various pool and spa filtration systems. It features advanced filtration fabric for efficient debris capture and a robust construction for extended service life.



Image 1: Pureline 175 Sq Ft Pool Replacement Cartridge Filter and its packaging.

This filter is engineered to provide maximum water flow, which helps extend the life of the cartridge and ensures even dirt distribution, leading to increased flow rates and reduced wear on your pump.



Compatible with

Hayward® Star Clear Plus C-1750
Sta-Rite® PXC-150
Waterway® Proclean 175

Image 2: The Pureline filter is compatible with Hayward Star Clear Plus C-1750, Sta-Rite PXC-150, and Waterway Proclean 175 systems.

2. SPECIFICATIONS

- **Model Number:** PL0147
- **Material Area:** 175 Sq. Ft.
- **Length:** 28 3/16 inches
- **Outer Diameter:** 8 5/16 inches
- **Top Hole Diameter:** 4 inches
- **Bottom Hole Diameter:** 4 inches
- **Alternate Part Numbers:** 25230-0150S, 252300150S, 27501, 817-0175P, 8170175P, C-8417, C8417, CX1750RE, CX1750REGEN, FC-1294, FC1294, PA175, XLS-803, PLEPA175

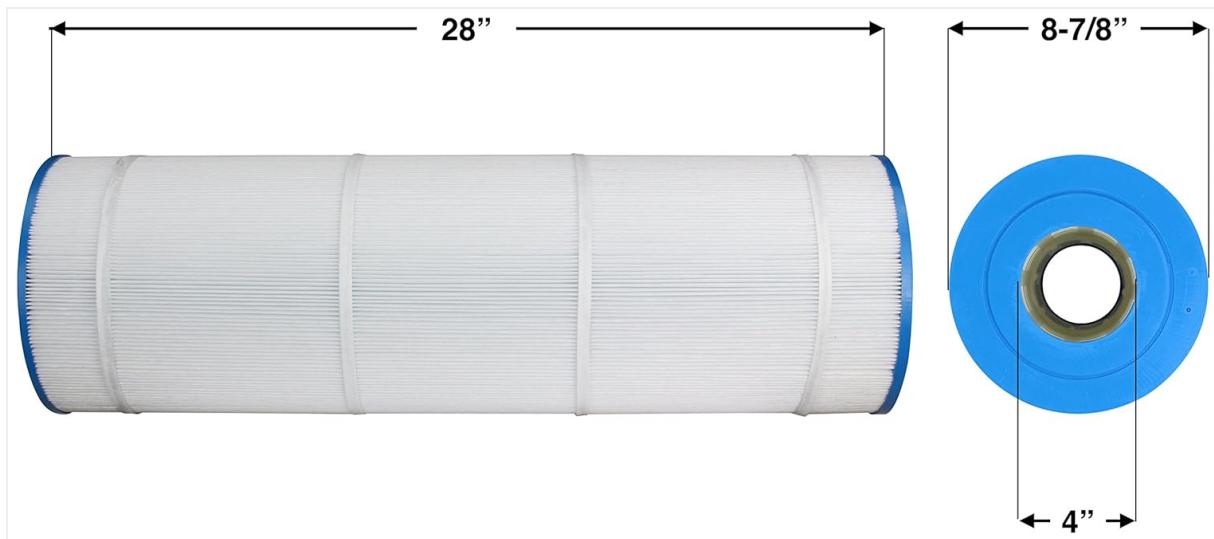


Image 3: Detailed dimensions of the filter cartridge, including length, outer diameter, and opening sizes.

3. SETUP AND INSTALLATION

Before installing the new filter cartridge, ensure your pool pump is turned off and the system is depressurized. Refer to your pool filter system's manual for specific instructions on opening the filter housing and removing the old cartridge.

1. Carefully remove the old filter cartridge from the housing.
2. Clean the inside of the filter housing, removing any debris or sediment.
3. Inspect the O-ring on the filter tank lid for any damage and lubricate it if necessary.
4. Unpack the new Pureline PL0147 filter cartridge.
5. Gently lower the new cartridge into the filter housing, ensuring it seats properly.
6. Secure the filter housing lid according to your system's instructions.
7. Repressurize the system and check for leaks before restarting the pump.

Video 1: A demonstration of unboxing and installing a compatible pool filter cartridge, highlighting its features and fit. Note: This video features a compatible filter from Crysppol, demonstrating the general installation process for this type of cartridge.

4. OPERATING PRINCIPLES

The Pureline PL0147 filter cartridge utilizes a pleated design with advanced filtration fabric to capture impurities from your pool water. Water flows from the outside of the cartridge inward, passing through the pleated material where dirt, debris, and other particles are trapped. The clean water then exits the filter and returns to the pool.



Image 4: Close-up of the filter's pleated fabric, designed for efficient particle capture.

The filter's construction includes reinforced end caps and super-bond bands to maintain the integrity of the pleats and ensure consistent performance under pressure. The free-flow core technology further enhances water circulation and filtration efficiency.

Video 2: An animated explanation of how the PoolPure filter cartridge works, illustrating water flow and particle capture within the filter's trilobal fabric structure.



Image 5: Visual comparison showing how a new Pureline filter maintains normal filter pressure compared to a dirty OEM filter with high pressure.

5. MAINTENANCE

Regular cleaning of your filter cartridge is essential for optimal performance and longevity. The frequency of cleaning depends on pool usage, water chemistry, and environmental factors.

Cleaning Procedure:

1. Turn off the pool pump and depressurize the system.
2. Remove the filter cartridge from the housing as described in the setup section.
3. Use a garden hose with a strong nozzle to rinse the pleats thoroughly. Start from the top and work your way down, dislodging all trapped debris.
4. For stubborn dirt or oil buildup, a specialized filter cleaning solution can be used. Follow the cleaner's instructions for soaking and rinsing.
5. Allow the cartridge to air dry completely before reinstallation, if possible, to prevent mildew.
6. Reinstall the clean cartridge into the filter housing.

It is recommended to replace the filter cartridge every 1-2 years, or sooner if signs of wear, damage, or reduced filtration efficiency are observed, even after cleaning.

6. TROUBLESHOOTING

If you experience issues with your pool filtration system after installing the Pureline PL0147 filter, consider the following common troubleshooting steps:

- **Reduced Water Flow:** Check if the filter cartridge is dirty and requires cleaning. Ensure the pump is operating correctly and there are no blockages in the plumbing.
- **Cloudy Water:** This can indicate a dirty filter, improper water chemistry, or insufficient filtration time. Clean the filter, test and balance your pool chemicals, and ensure the pump runs for an adequate duration daily.
- **Leaks from Filter Housing:** Verify that the filter housing lid is securely fastened and the O-ring is properly seated and lubricated. Replace the O-ring if it is cracked or damaged.

For persistent issues, consult a qualified pool technician.

7. WARRANTY AND SUPPORT

For specific warranty information regarding your Pureline PL0147 filter cartridge, please refer to the product packaging or contact Pureline customer support directly. Keep your proof of purchase for any warranty claims.

For additional support or inquiries, visit the Pureline website or contact their customer service department.