

**Pureline PL0144**

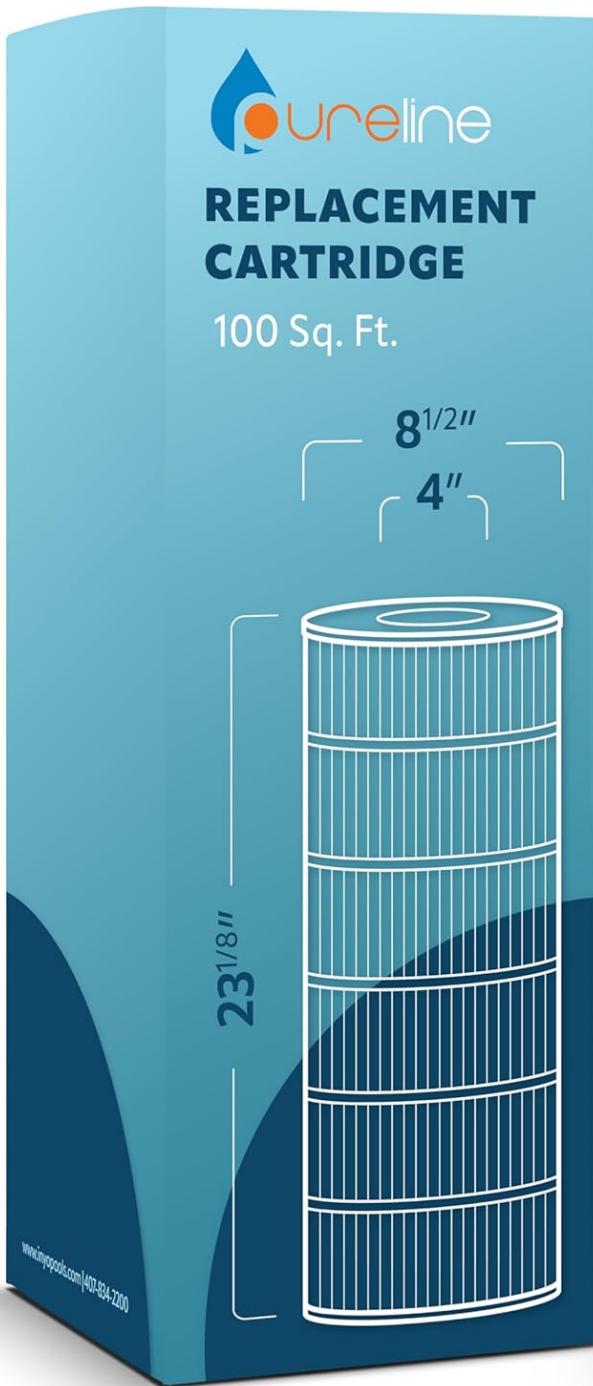
# Pureline Pool Replacement Cartridge Filter User Manual

**MODEL: PL0144**

## Product Overview

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The Pureline PL0144 Pool Replacement Cartridge Filter is designed to provide efficient filtration for your swimming pool, ensuring cleaner and clearer water. This cartridge is an after-market replacement compatible with Hayward C-1100, C-8610, and Hayward Star Clear II filter systems. It is engineered for maximum water flow and even dirt distribution, which helps extend the life of the cartridge and reduce wear on your pool pump, potentially lowering energy usage.

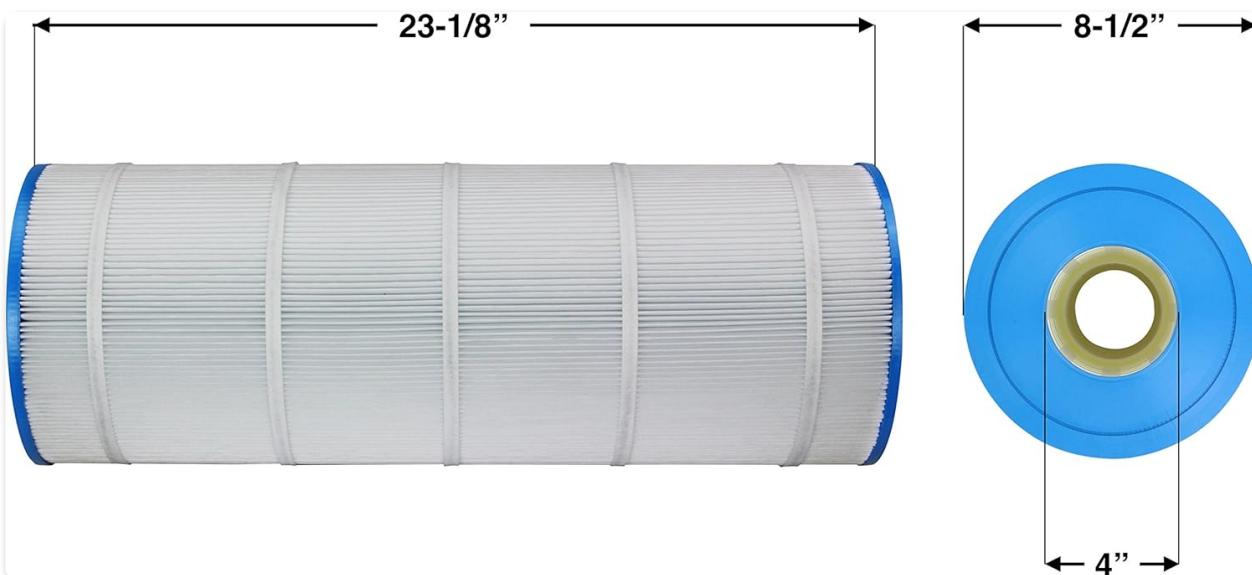


This filter is a crucial component in maintaining a healthy and clean swimming environment. Regular replacement and proper maintenance are key to its optimal performance.

## Specifications

Feature	Detail
Model Number	PL0144
Material Area	100 Sq. Ft.

Feature	Detail
Length	23 5/6 inches (approx. 23.83 inches)
Outer Diameter	8 1/2 inches (approx. 8.5 inches)
Inner Diameter (Opening)	4 1/16 inches (approx. 4.06 inches)
Compatible With	Hayward C-1100, C-8610, Hayward Star Clear II
Alternate Part Numbers	19905, C-8610, C1100RE(GEN), C8610, CX1100-RE, CX1100RE, FC-1290, FC1290, PA100, PA100-4, R173271, UNI605246, XLS-805, 17-775-1335, APCC7274



The image above illustrates the key dimensions of the filter cartridge, ensuring proper fit and compatibility with your existing pool filter system.

## Setup and Installation

Installing the Pureline replacement cartridge is a straightforward process. Always ensure your pool pump is turned off and the filter system is depressurized before beginning any installation or maintenance.

- 1. Turn off the Pool Pump:** Locate the circuit breaker for your pool pump and turn it off to prevent accidental startup.
- 2. Depressurize the Filter:** Open the air relief valve on top of your filter tank to release any trapped air and pressure.
- 3. Drain the Filter Tank:** Open the drain plug at the bottom of the filter tank to allow water to drain out.
- 4. Open the Filter Tank:** Follow your specific filter system's instructions to open the tank. This usually involves loosening a clamp or unscrewing a lid.

5. **Remove Old Cartridge:** Carefully lift out the old, dirty filter cartridge. Dispose of it according to local regulations.
6. **Clean the Filter Tank:** Inspect the inside of the filter tank and clean any debris or sediment. Check the O-ring for cracks or damage; replace if necessary.
7. **Install New Cartridge:** Place the new Pureline PL0144 cartridge into the filter tank, ensuring it sits properly on the bottom manifold.
8. **Close the Filter Tank:** Securely close the filter tank according to your system's instructions. Ensure the O-ring is properly seated to prevent leaks.
9. **Close Drain Plug and Air Relief Valve:** Close the drain plug. Leave the air relief valve open.
10. **Restart Pool Pump:** Turn the pool pump circuit breaker back on. Once water starts flowing, close the air relief valve when a steady stream of water emerges.
11. **Check for Leaks:** Monitor the filter system for any leaks.





The new cartridge comes securely packaged to ensure its integrity prior to installation.

## Operation

Once installed, the Pureline PL0144 filter cartridge works by trapping dirt, debris, and other impurities as pool water passes through its pleated filter media. The design promotes even dirt distribution across the filter surface, maximizing its efficiency and lifespan. A clean filter ensures optimal water flow, which is essential for the proper circulation and chemical balance of your pool water.

# Time to change your Pool Cartridge?



- Cleaner & Clearer Water
- Improves Pump Flow
- Reduces Algae

**GET A NEW CARTRIDGE!**

Regular operation with a clean filter leads to cleaner and clearer water, improved pump flow, and reduced algae growth.

## Maintenance

Proper maintenance of your Pureline filter cartridge is vital for its longevity and the cleanliness of your pool. The frequency of cleaning depends on pool usage, bather load, and environmental factors.

### Cleaning the Filter Cartridge:

- 1. Turn off and Depressurize:** Follow steps 1-3 from the 'Setup and Installation' section.
- 2. Remove Cartridge:** Open the filter tank and carefully remove the cartridge.
- 3. Rinse with Water:** Use a garden hose with a spray nozzle to thoroughly rinse the pleats of the cartridge. Work from top to bottom, ensuring all debris is flushed out. For stubborn dirt, a specialized filter cleaning tool can be used.
- 4. Chemical Cleaning (Optional):** Periodically, or if the cartridge remains dirty after rinsing, soak it in a chemical filter cleaner solution overnight to remove oils, minerals, and other embedded contaminants. Follow the cleaner's instructions carefully.
- 5. Rinse Again:** After chemical cleaning, rinse the cartridge thoroughly to remove all cleaning solution.
- 6. Reinstall:** Place the clean cartridge back into the filter tank and reassemble the system as described in the 'Setup and Installation' section.



The pleated design of the filter maximizes surface area for trapping contaminants, making thorough rinsing essential during cleaning.

#### **When to Replace the Filter Cartridge:**

Even with regular cleaning, filter cartridges have a finite lifespan. You should consider replacing your Pureline filter cartridge when you observe the following:

- **Decreased Water Flow:** If your pool's water circulation significantly diminishes even after cleaning the cartridge.
- **Increased Filter Pressure:** A consistently high pressure gauge reading on your filter system, indicating the filter is clogged and restricting flow.
- **Visible Damage:** Tears, rips, or excessive wear on the pleats or end caps.
- **Cloudy Water:** Persistent cloudy water despite proper chemical balance and cleaning.
- **Age:** Most cartridges last 1-3 years depending on usage and maintenance.

Dirty  
OEM

New  
Pureline



VS



The comparison illustrates how a new Pureline filter maintains normal operating pressure compared to a dirty, inefficient filter.

## Troubleshooting

If you encounter issues with your pool's filtration after installing or cleaning the Pureline cartridge, consider the following common problems and solutions:

- **Low Water Flow / High Pressure:**

- **Cause:** Clogged filter cartridge, air in the system, or pump issues.
- **Solution:** Clean the filter cartridge thoroughly. Check for air leaks in the suction line. Ensure pump basket and skimmer baskets are clear.

- **Cloudy Pool Water:**

- **Cause:** Dirty or damaged filter, improper chemical balance, insufficient run time.
- **Solution:** Clean or replace the filter cartridge. Test and adjust pool chemicals (pH, alkalinity, chlorine). Ensure the pump runs long enough each day (8-12 hours typically).

- **Leaks Around Filter Tank:**

- **Cause:** Improperly seated O-ring, damaged O-ring, or loose clamp/lid.
- **Solution:** Turn off pump, depressurize, open tank, inspect and reseat or replace O-ring. Ensure clamp/lid is tightened correctly.

## Warranty and Support

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For specific warranty information regarding your Pureline PL0144 Pool Replacement Cartridge Filter, please refer to the manufacturer's official website or contact Pureline customer support directly. As a product from Pureline, a brand associated with Inyo Pools, you can find additional resources and support through their online presence.

Inyo Pools, founded in 2001, aims to empower DIY homeowners with the knowledge and supplies needed for pool maintenance. They offer numerous how-to guides and articles that may be helpful for general pool care and filter maintenance.

Visit the [Pureline Store](#) for more products and information.

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