

Pureline PL0100

Pureline PL0100 Pool Filter Cartridge Instruction Manual

COMPATIBLE WITH JANDY CL340 & CV340 FILTERS

Brand: Pureline

Introduction

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of your Pureline PL0100 Pool Filter Cartridge. Please read this manual thoroughly before proceeding with any procedures to ensure proper function and longevity of your pool filter system.

Safety Information

- Always turn off the pool pump and disconnect power before performing any maintenance or installation.
- Relieve all pressure from the filter system before opening the filter housing.
- Wear appropriate personal protective equipment, such as gloves and eye protection, when handling pool chemicals or filter components.
- Ensure all connections are secure and leak-free after installation.

Product Overview

The Pureline PL0100 is a high-quality replacement filter cartridge designed for use with Jandy CL340 and CV340 pool filter systems. It features an 85 square foot filtration area, engineered for efficient particle removal and optimal water flow. Regular replacement and cleaning of your filter cartridge are crucial for maintaining clear pool water and extending the life of your pool pump.



Image: The Pureline PL0100 pool filter cartridge shown alongside its product packaging, highlighting the brand and key specifications.



Image: The Pureline filter cartridge displayed next to two Jandy pool filter housings (CL340 and CV340), illustrating its compatibility.

Setup and Installation

Follow these steps to replace your pool filter cartridge:

1. **Turn off the pump:** Ensure the pool pump is completely off and the circuit breaker is switched off to prevent accidental startup.
2. **Relieve pressure:** Open the air relief valve on top of your filter tank to release any trapped air and pressure.
3. **Drain the filter:** Open the drain plug at the bottom of the filter tank to allow water to drain out.
4. **Open the filter housing:** Remove the clamp or lid that secures the top of the filter tank. Carefully lift the top section of the filter housing.
5. **Remove old cartridge:** Carefully lift out the old filter cartridge. Dispose of it according to local regulations.
6. **Clean the housing:** Inspect the inside of the filter tank for debris and clean as necessary. Check the O-ring for cracks or wear; replace if damaged. Lubricate the O-ring with a silicone-based lubricant.
7. **Install new cartridge:** Place the new Pureline PL0100 filter cartridge into the filter tank, ensuring it sits properly on the bottom manifold.

8. **Reassemble filter:** Replace the top section of the filter housing and secure the clamp or lid. Close the drain plug.
9. **Prime the pump:** With the air relief valve still open, turn on the pool pump. Once a steady stream of water emerges from the air relief valve, close it.
10. **Check for leaks:** Monitor the system for any leaks around the filter housing.

Operating the Filter System

Once installed, the Pureline PL0100 cartridge will begin filtering your pool water. Monitor your filter's pressure gauge regularly. A clean filter will typically show a lower pressure reading. As the filter collects debris, the pressure will gradually increase. An increase of 8-10 PSI above the clean operating pressure indicates that the cartridge needs cleaning or replacement.

Maintenance

Regular maintenance is key to optimal filter performance and water clarity.

Cleaning the Cartridge

When the pressure gauge indicates a need for cleaning (8-10 PSI above clean pressure), follow these steps:

1. Turn off the pump and relieve pressure as described in the installation section.
2. Remove the cartridge from the filter housing.
3. 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.
4. For stubborn dirt, oils, or algae, use a specialized filter cleaning solution. Follow the cleaner's instructions for soaking and rinsing.
5. Allow the cartridge to dry completely before reinstalling, if possible, to prevent mildew growth.

When to Replace the Cartridge

Even with regular cleaning, filter cartridges will eventually wear out and become less effective. Signs that it's time to replace your cartridge include:

- Persistently high pressure readings even after cleaning.
- Tears, rips, or damage to the filter pleats.
- Dull or cloudy pool water despite proper chemical balance and pump operation.
- Reduced water flow from return jets.

Typically, single cartridge pool filters should be replaced every 6-12 months, while filters with multiple cartridges may last up to 3 years, depending on usage and maintenance.



Image: A visual comparison illustrating a dirty, old filter cartridge with high pressure versus a new Pureline cartridge with normal operating pressure, indicating when replacement is needed.

Troubleshooting

Problem	Possible Cause	Solution
Dull or cloudy pool water	Clogged or worn-out filter cartridge; improper chemical balance	Clean or replace filter cartridge; test and adjust pool chemistry
High pressure gauge reading	Clogged filter cartridge	Clean or replace filter cartridge
Reduced water flow from jets	Clogged filter cartridge; air in the system; pump issues	Clean or replace filter cartridge; check for air leaks and prime pump
Leaks around filter housing	Damaged or improperly seated O-ring; loose clamp	Inspect and replace O-ring if necessary; ensure clamp is securely fastened

Specifications

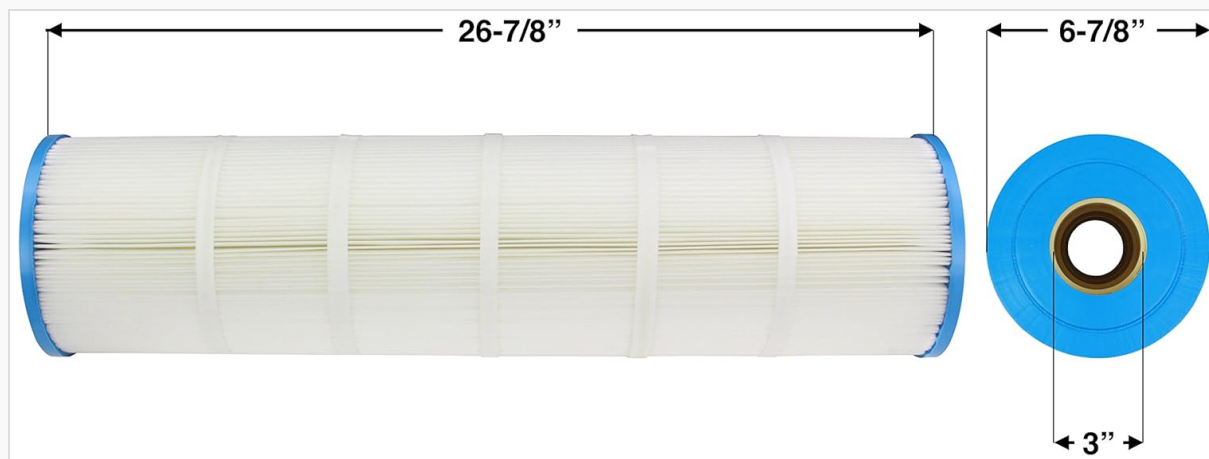


Image: A technical diagram illustrating the precise dimensions of the Pureline PL0100 filter cartridge, including length, outer diameter, and inner diameter.

Feature	Detail
Model Number	PL0100
Compatibility	Jandy CL340, Jandy CV340
Filtration Area	85 sq ft
Length	26 7/8 inches
Outer Diameter	6 7/8 inches
Inner Diameter (Opening)	3 inches
Item Weight	4.04 pounds
Alternate Part Numbers	18504, A0557900, C-7459, C7459, FC-0800, FC0800, NFC0800, PJAN85, XLS-735, 17-775-3600, PLEPJAN85

Support and Resources

For additional assistance, troubleshooting tips, or to explore other pool maintenance resources, please refer to the Pureline brand's official support channels. Inyo Pools, founded in 2001, provides extensive DIY how-to guides and blog articles to assist homeowners with pool repair and maintenance.

For specific inquiries, please visit the [Pureline Store on Amazon](#) or consult the Inyo Pools website for their comprehensive knowledge base.