



Owner's Guide & Reference Manual

Whole-House Sediment Pre-Filter

The first line of defense. Protecting your plumbing and downstream systems.



Table of Contents

PART 1 Safety & Compliance

PART 2 System Overview & Specifications

PART 3 Operation & Performance

PART 4 Maintenance & Cartridge Replacement

PART 5 Troubleshooting

PART 6 Warranty, Service Record & Contact

PART ONE SAFETY & COMPLIANCE

Read before installation, operation, or service

1.1 Important Safety Instructions

This manual contains critical information for the safe installation, operation, and maintenance of your Life Filtration system. Failure to follow these instructions may result in personal injury, property damage, or voiding of your warranty. All installation and servicing must be performed by a trained Life Filtration professional.

⚠ WARNING

ELECTRICAL HAZARD — Disconnect power from the unit before performing any service or maintenance. Do not operate the system with a damaged power cord, plug, or adapter. Contact Life Filtration for any electrical component replacement.

⚠ WARNING

WATER QUALITY — This system is NOT intended for use with water that is microbiologically unsafe or of unknown quality without adequate pre-disinfection. Do not connect to non-potable water sources.

◆ CAUTION

CHILDREN & VULNERABLE PERSONS — This appliance is not intended for use by children or persons with reduced physical, sensory, or mental capabilities without direct supervision.

◆ CAUTION

APPROVED PARTS ONLY — Use only Life Filtration certified replacement filters and components. Use of unauthorized parts may reduce performance, void your warranty, and create safety hazards.

◆ CAUTION

PRESSURE LIMITS — Never exceed the maximum operating pressure specified for your system. Install a pressure-reducing valve if your inlet pressure exceeds the rated maximum.

1.2 Before You Begin

Pre-Installation Checklist

- Verify that your water supply meets the inlet pressure and temperature requirements.
- Confirm your home's plumbing connections match the system's inlet/outlet specifications.
- Check and comply with all applicable local plumbing codes and ordinances.
- Have your water tested by a Life Pro before installation to identify any pre-treatment needs.
- Ensure a certified Life Filtration technician performs the installation.

NOTE Life Filtration provides free professional installation with every system. Do not attempt self-installation. Improper installation may void your warranty and cause property damage.

PART TWO SYSTEM OVERVIEW & SPECIFICATIONS

How your system works and what it delivers

2.1 System Description

The Life Filtration Whole-House Sediment Pre-Filter is a point-of-entry filtration system designed to capture physical debris before it can enter your home's plumbing, appliances, and downstream filtration systems. By removing sand, silt, rust, dirt, and particulates at the main water line, the sediment pre-filter protects water heaters, washing machines, dishwashers, faucet aerators, and other systems from abrasive particle wear.

It also significantly extends the life of any downstream RO membranes, carbon filters, or UV systems by preventing premature clogging. This system is highly recommended as a foundational component of any whole-home water treatment plan.

2.2 What This System Removes

The following contaminants and substances are reduced by your Life Filtration system. Actual reduction performance depends on local water quality, operating conditions, and regular filter maintenance.

| | |
|-------------------------|------------------------|
| ● Sand & Grit | ● Sediment & Turbidity |
| ● Silt & Clay | ● Scale Flakes |
| ● Rust & Iron Particles | ● Pipe Debris |
| ● Dirt & Soil | ● Particulate Matter |

2.3 Filtration Stages

Each stage of your system plays a specific role in the purification process. Understanding each stage helps you recognize when service may be needed.

| Stage | Component | What It Does | Service Interval |
|-------|---------------------------|---|------------------|
| 1 | Sediment Cartridge | Pleated or spun polypropylene cartridge captures particles from 1–50 microns (depending on cartridge rating selected) | 3 – 6 months |

NOTE Filter life estimates are based on average household conditions. High sediment levels or well water may require more frequent replacement. Your Life Pro will assess performance at each annual visit.

2.4 Technical Specifications

| | |
|--------------------------|--|
| System Type | Point-of-Entry Sediment Pre-Filtration |
| Filtration Rating | 1 – 50 microns (cartridge dependent) |
| Application | Whole-house pre-filtration — main water line |

| | |
|-----------------------------|--|
| Flow Rate | Sized to home demand (Life Filtration selects appropriate housing) |
| Operating Pressure | Typically 30 – 100 PSI |
| Cartridge Type | Pleated polyester or spun polypropylene |
| Electricity Required | None |
| Salt Required | None |
| Installation | Free Professional Installation Included |

2.5 Factors That Affect Performance

System performance is influenced by several variables including inlet water pressure, sediment load, and daily usage volume. Your Life Pro will monitor these factors during annual water testing visits and adjust the cartridge rating or replacement schedule if conditions change.

Water Pressure

Low pressure reduces flow rate and filtration efficiency. A significantly clogged cartridge will cause a noticeable pressure drop, this is the primary signal that replacement is due.

Sediment Load

High turbidity or well water with elevated particulates will clog cartridges faster. In high-sediment environments, monthly inspection is recommended.

Cartridge Micron Rating

A finer micron rating captures smaller particles but reaches capacity sooner. Your Life Pro selects the appropriate rating based on your water quality results.

Usage Volume

Higher daily water consumption accelerates cartridge loading. Larger households may need more frequent replacement.

PART THREE OPERATION & PERFORMANCE

Understanding your system's controls and status displays

3.1 Starting Up Your System

Your Life Filtration system is professionally commissioned during installation. The steps below describe what happens during initial startup and what you should expect.

| Step | Action | Details |
|------|-------------------------------|--|
| 1 | Initial Flush | The system performs an automatic flush to condition the filters. Duration: 5–10 minutes. |
| 2 | Pressure Stabilization | Allow 10–15 minutes for pressure to normalize throughout your plumbing. |
| 3 | First Water Draw | Discard the first 1–2 liters of water from the outlet. |
| 4 | Normal Operation | The system is now ready for regular use. No ongoing user action is required. |

3.2 Indicators & Status Displays

This system is fully passive, it requires no electricity and has no display or electronic indicators. Performance is monitored through water pressure and visual water quality. Use the guide below to interpret system status.

| Indicator | Status | Action Required |
|----------------------------------|--|---|
| Reduced water pressure | Cartridge is clogged and needs replacement | Schedule a cartridge replacement with Life Filtration. |
| Visible sediment in water | Cartridge exhausted or bypass valve open | Check bypass valve position. Contact Life Filtration for immediate cartridge replacement. |
| No electronic indicators | System is fully passive — no power or indicators | Monitor water pressure and quality as performance indicators. |

| | | |
|---|--|--|
| No Electricity Required Operates entirely on water pressure — always on | No Salt or Chemicals Pure mechanical filtration — nothing added to water | Whole-Home Protection Installed at the main line — filters every tap and appliance |
|---|--|--|

PART FOUR MAINTENANCE & CARTRIDGE REPLACEMENT

Keeping your system in peak condition

4.1 Maintenance Philosophy

Life Filtration systems are designed to be low-maintenance for the customer. All scheduled maintenance is handled by your Life Pro as part of your included service plan. The information in this section is provided for reference and transparency so you understand exactly what service your system receives.

| | | |
|---|---|--|
| ✓ Annual Maintenance Free yearly visit by Life Filtration | ✓ Annual Water Testing Free on-site water quality testing each year | ✓ Unlimited Service Calls No caps, no charges — ever |
|---|---|--|

4.2 Maintenance Schedule

| Maintenance Task | Frequency | Notes |
|---|--------------------------|---|
| Replace sediment cartridge | Every 3–6 months | Replace sooner if water pressure drops noticeably |
| Inspect housing O-ring | At each cartridge change | Replace if cracked, flattened, or deformed |
| Check bypass valve and connections | Annually | Confirm proper operation and no leaks |
| Annual water quality check | Annually | Included — verify effectiveness |

| | | |
|-------------------------------|----------------------|---|
| Clean filter housing interior | At each media change | Prevents biofilm buildup inside housing |
|-------------------------------|----------------------|---|

4.3 Cartridge Replacement Procedure

Cartridge replacement is performed by your Life Pro during the annual maintenance visit, or by the customer as needed. Contact Life Filtration at (786) 347-1982 to schedule service.

| Step | Action | Details |
|------|----------------------------------|--|
| 1 | Shut Off Water Supply | Close the main water supply valve upstream of the filter housing. |
| 2 | Relieve System Pressure | Open a downstream faucet to release pressure from the housing. |
| 3 | Remove the Filter Housing | Use the filter housing wrench to unscrew the housing. Have a towel ready for residual water. |
| 4 | Remove Old Cartridge | Pull out the old cartridge and dispose of it properly. |
| 5 | Clean Housing Interior | Rinse the inside of the housing with clean water to remove debris. |
| 6 | Install New Cartridge | Slide the new Life Filtration certified cartridge into the housing. |
| 7 | Reinstall Housing | Hand-tighten the housing, then give it a firm quarter turn with the wrench. |
| 8 | Restore Water and Check | Slowly open the supply valve and check for leaks before returning to normal use. |

NOTE Only use Life Filtration certified replacement cartridges. Third-party filters may not fit correctly, can reduce filtration performance, and will void your Warranty.

4.4 System Sanitization

Annual sanitization of the system is recommended to prevent bacterial growth inside filter housings and tubing. This procedure is performed by your Life Pro during the annual maintenance visit and is included in your service plan at no charge. Do not attempt to sanitize the system yourself with household chemicals, as this can damage components.

PART FIVE TROUBLESHOOTING

Diagnosing and resolving common issues

5.1 Before You Call for Service

Use the troubleshooting guide below to identify common issues and their solutions. If the problem persists after following the recommended actions, contact Life Filtration at (786) 347-1982 — unlimited service calls are included with your system.

| Symptom | Possible Cause | Recommended Action |
|-----------------------------------|-------------------------------|--|
| Low water pressure in home | Sediment cartridge is clogged | Replace cartridge. If pressure is normal immediately after replacement, cartridge was the cause. |

| | | |
|---|--|---|
| Visible sediment still in water | Cartridge micron rating too high or cartridge failed | Contact Life Filtration — a finer micron rating cartridge may be needed. |
| Water leaking from housing | Housing not fully tightened or O-ring failure | Shut off water supply. Re-seat and tighten housing. Replace O-ring if damaged. |
| Discolored water after replacement | Normal flushing of new cartridge material | Run water for 2–3 minutes to flush. Should clear quickly. |
| Housing difficult to remove | Pressure trapped in system or housing overtightened | Ensure pressure is fully relieved. Use the housing wrench — do not use excessive force. |

5.2 Frequently Asked Questions

Q How often should the sediment cartridge be replaced?

A Every 3–6 months for most households. If your water has high sediment content — common in areas with older pipes, well water, or frequent main line disturbances — replacement may be needed more often. A noticeable drop in water pressure is a reliable indicator the cartridge is due.

Q What micron rating should I use?

A Life Filtration selects the appropriate micron rating at installation based on your water quality test results. Common ratings are 5 micron (fine sediment) or 20–50 micron (coarser particles). A lower number captures finer particles but clogs faster.

Q Can I replace the cartridge myself?

A Yes, sediment cartridge replacement is one of the few customer-serviceable tasks on your Life Filtration system. Follow the steps in Section 4.3 carefully. If you are uncomfortable with any step, contact Life Filtration and we will send a technician at no charge.

Q Does this system improve water taste or remove chemicals?

A No. The sediment pre-filter only removes physical particles. For chemical removal (chlorine, heavy metals, etc.), a carbon filtration or RO system is required downstream.

PART SIX SERVICE RECORD & CONTACT

6.1 Your Included Service Plan

✓ Free Professional Installation

Certified technician installs everything at no charge

✓ Annual Maintenance Visits

One scheduled visit per year to inspect and service your system

✓ Annual Water Testing

On-site water quality testing at no cost, every year

✓ Unlimited Service Calls

We come out as many times as needed — no fees, no limits

6.2 Warranty

WHAT IS COVERED:

This Warranty covers defects in materials or workmanship in manufacturing of your Life Filtration water filtration system.

FOR HOW LONG:

This warranty runs for the life of the product (“25 Year Lifetime Warranty”).

WHAT IS NOT COVERED:

This warranty does not cover filter cartridges and any products that were not used in compliance with the instructions or that have been abused or operated incorrectly. It also does not cover incidental or consequential damages caused by failure of the product. Finally, this warranty is voided if the product is used with parts that are not genuine Life Filtration parts. This includes, but is not limited to: replacement filters; Electronic components are covered for a 5 year period on our Titanium systems and a 7 year period on Signature systems. And a 10 year period on tanks for Signature.

WHAT LIFE FILTRATION WILL DO:

We will replace the defective part of the covered product or provide you with installation instructions.

If you need to file a warranty claim, contact Life Filtration at (786) 347-1982 or Clientservices@lifefiltration.com within the Warranty Period to describe the problem to a customer service representative who will verify that the product is under warranty and arrange for delivery of a replacement part.

HOW STATE LAW APPLIES;

This warranty gives you specific rights and you may have other rights which vary from state to state.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY CARD:

Warranty registration is not required for coverage under the Life Filtration Limited Warranty and is not necessary for for factory direct purchases made from <https://www.lifefiltration.com>.

If you purchased from a retailer or dealer, please complete the online warranty registration form at <https://www.lifefiltration.com>.

Once registered online, we will have a record of your purchase and a proof of purchase for your records.

➔ <https://www.lifefiltration.com>

6.3 Contact Life Filtration

For service, warranty claims, filter replacements, or any questions about your system, contact Life Filtration using the information below. A Life Pro is available to assist you.

| | |
|-------------------------|--|
| Office Address | 1001 Brickell Bay Drive #2701, Miami, FL |
| Customer Service | (786) 347-1982 |
| Email | clientservices@lifefiltration.com |
| Website | www.lifefiltration.com |
| Business Hours | Monday – Friday, 8:00 AM – 6:00 PM EST |
| Emergency Line | (786) 347-1982 (available after hours for urgent issues) |

LIFE FILTRATION

1001 Brickell Bay Drive #2701, Miami, FL · (786) 347-1982 · www.lifefiltration.com