



Owner's Guide & Reference Manual



5-Stage Reverse Osmosis

Removes up to 99% of contaminants. Crystal-clear water, straight from your faucet.

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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 5-Stage Reverse Osmosis System is a high-performance under-sink drinking water system that purifies your tap water through five distinct filtration stages, removing harmful contaminants including heavy metals, bacteria, viruses, fluoride, nitrates, PFAS, chlorine, and dissolved solids. An optional alkaline stage can be added to re-mineralize water and raise its pH for an enhanced drinking experience.

Designed for residential and light commercial use, it provides clean, great-tasting water from a dedicated faucet mounted at your kitchen sink. Your system is engineered for reliability, minimal maintenance, and long-term performance.

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.

● Fluoride	● Pharmaceuticals
● Chlorine	● Chromium
● Chloramines	● Sediment & Rust
● Lead	● Heavy Metals
● Arsenic	● Pesticides & Herbicides
● Nitrates	● Sulfates
● PFAS / PFOA	● Radium
● Bacteria & Viruses	● Dissolved Solids (TDS)

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 Filter	Removes particles, rust, dirt, sand, and silt down to 5 microns	6 – 12 months
2	Carbon Block	Reduces chlorine, chloramines, chemical odors, and VOCs	6 – 12 months
3	Granular Carbon (GAC)	Final pre-polishing of water before the RO membrane	6 – 12 months
4	RO Membrane	High-rejection membrane removes dissolved solids, metals, fluoride, bacteria, viruses	2 – 3 years

5	Post-Carbon / Alkaline	Polishes taste; optional alkaline stage re-mineralizes and raises pH	12 months
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NOTE Filter life estimates are based on average household conditions. High sediment, chlorine, or TDS levels may require more frequent replacement. Your Life Pro will assess performance at each annual visit.

2.4 Technical Specifications

Filtration Stages	5 (with optional alkaline upgrade)
Max Flow Rate	0.5 GPM (gallons per minute)
Daily Production	50 – 100 GPD (gallons per day)
Operating Pressure	30 – 100 PSI
Inlet / Outlet Size	1/4" or 3/8" quick-connect fittings
System Dimensions	10.5" L x 4.5" W x 3.5" H (per stage)
Electricity Required	Not required for standard RO operation
Installation	Free Professional Installation Included

2.5 Factors That Affect Performance

System performance is influenced by several variables including inlet water pressure, water temperature, total dissolved solids (TDS) concentration, and water hardness. Your Life Pro will monitor these factors during annual water testing visits and adjust the system or recommend pre-treatment if conditions change.

Water Pressure

Low pressure reduces flow rate and filtration efficiency. Keep inlet pressure within specified limits.

Water Temperature

Cold water reduces membrane output. System performs optimally within the rated temperature range.

TDS / Hardness

High TDS or hardness accelerates filter wear and can foul membranes. Pre-treatment may be required.

Sediment Load

High turbidity clogs pre-filters quickly. A sediment pre-filter upstream extends component life.

Usage Volume

Higher daily water consumption reduces filter lifespan proportionally.

PART THREE OPERATION & INDICATORS

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 will perform an automatic flush to clear any manufacturing residue from filters. Duration: 5–10 minutes.
2	Pressure Stabilization	Allow 10–15 minutes for the system to reach stable operating pressure after the flush cycle.
3	First Water Draw	Discard the first 1–2 gallons from the RO faucet after installation.
4	Normal Operation	The system is now active. Purified water is available from the dedicated RO faucet.

PART FOUR MAINTENANCE & FILTER 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 Installer 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 a certified 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 pre-filter (Stage 1)	Every 6–12 months	More frequent in high-sediment areas

Replace carbon block filter (Stage 2)	Every 6–12 months	Earlier if chlorine taste returns
Replace GAC filter (Stage 3)	Every 6–12 months	Changes with Stage 2 typically
Inspect / Replace RO membrane (Stage 4)	Every 2–3 years	Assessed at annual visit
Replace post-carbon / alkaline (Stage 5)	Every 12 months	Required for taste quality
Annual water quality & TDS test	Annually	Included in service plan
System sanitization & flush	Annually	Prevents biofilm buildup
Check tubing and fittings for leaks	Annually	Visual inspection at each visit
Check drain line and air gap	Annually	Ensures proper waste flow
Clean exterior and faucet	As needed	Soft cloth only — no abrasives

4.3 Filter Replacement Procedure

Filter replacement is performed by your Life Pro during the annual maintenance visit. The steps below describe the process for reference. Contact Life Filtration at (786) 347-1982 to schedule service.

Step	Action	Details
1	Turn Off Water Supply	Close the cold water supply valve feeding the RO unit.
2	Release System Pressure	Open the RO faucet and allow pressure to fully release before proceeding.
3	Locate Filter Housings	The filter housings are located under the sink. Each stage is labeled 1–5.
4	Remove Old Cartridge	Unscrew the housing using the filter wrench provided. Remove and discard the old cartridge.
5	Clean Housing	Rinse the housing interior with clean water. Do not use soaps or chemicals.
6	Install New Cartridge	Insert the new Life Filtration certified cartridge. Hand-tighten the housing firmly.
7	Restore Water and Flush	Slowly open the supply valve. Allow the system to flush for 5–10 minutes before use.
8	Record Service Date	Your Life Pro will update the service log in Section 6.3 of this manual.

NOTE Only use Life Filtration certified replacement cartridges. Third-party filters may not fit correctly, can reduce filtration performance, and will void your Lifetime 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
No water from RO faucet	Supply valve closed or system pressure too low	Open supply valve fully. Check inlet pressure is 30–100 PSI.
Slow water flow	Clogged pre-filter or low pressure	Check if pre-filter replacement is due. Verify water pressure meets spec.
Bad taste or odor	Post-carbon filter expired or membrane fouled	Contact Life Filtration to schedule filter replacement.
High TDS reading	RO membrane has reduced efficiency	Contact Life Filtration — membrane may need assessment or replacement.
Water dripping from drain line	Normal drain flow during RO operation	This is normal. Continuous drain flow when faucet is off indicates a stuck check valve.
Faucet leaking at base	Loose faucet nut or worn O-ring	Tighten mounting nut or call Life Filtration for service.
System making noise	Air in the line during initial startup or after service	Run faucet for several minutes to purge air. Normal during startup.
Low water pressure from RO faucet	Storage tank pressure low or full system pressure drop	Contact Life Filtration — tank pre-charge or pump may need adjustment.

5.2 Frequently Asked Questions

Q How do I know when to replace my filters?

A Your system's indicator lights will alert you when a filter is nearing the end of its life. Your Life Pro will also assess filter condition at each annual visit. As a general rule: pre-filters every 6–12 months, post-carbon every 12 months, and the RO membrane every 2–3 years.

Q Does reverse osmosis remove beneficial minerals?

A Yes, RO removes most dissolved minerals. If you prefer re-mineralized water, ask your Life Pro about adding the alkaline post-filter stage which restores beneficial minerals and raises pH.

Q Is the purified water safe for baby formula and cooking?

A Absolutely. Life Filtration RO-purified water is clean and free from contaminants, making it ideal for drinking, cooking, and baby formula preparation.

Q Does the system waste water?

A Standard RO systems produce approximately 1 gallon of purified water for every 3–4 gallons processed. Your Life Pro can discuss high-efficiency upgrade options if water conservation is a priority.

Q Can this system be used with well water?

A Yes, but a water test is required first. Well water may contain iron, bacteria, or hardness at levels that require additional pre-treatment before the RO unit. Your Life Pro will advise.

Q What if I go on vacation and don't use the system for a while?

A For absences over 2 weeks, shut off the supply valve to the RO system. Upon return, flush the system for 5–10 minutes before drinking. Contact Life Filtration if you have concerns.

PART SIX WARRANTY, SERVICE RECORD & CONTACT

Your coverage, your history, your Life PRO

6.1 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>

6.2 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 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