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› [PRO+AQUA Elite Series GEN2 PRO-100-E 3-Stage Whole House Water Filtration System Instruction Manual](#)

## PRO+AQUA PRO-100-E

# PRO+AQUA Elite Series GEN2 PRO-100-E 3-Stage Whole House Water Filtration System Instruction Manual

Model: **PRO-100-E** | Brand: **PRO+AQUA**

## 1. INTRODUCTION

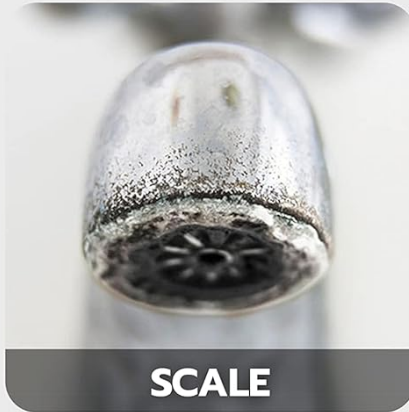
This manual provides comprehensive instructions for the installation, operation, and maintenance of your PRO+AQUA Elite Series GEN2 PRO-100-E 3-Stage Whole House Water Filtration System. This system is designed to deliver high-quality filtered water to every outlet in your home, suitable for both city and well water sources. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your system.



# ELITE GEN 2

## WHOLE HOUSE FILTRATION

- FIXES -



*Image 1.1: Common water quality issues addressed by the PRO+AQUA filtration system, including stains, scale buildup, clogged pipes, unpleasant odors, dry skin, and dull laundry.*

## 2. PRODUCT OVERVIEW

The PRO+AQUA Elite Series GEN2 PRO-100-E system features a 3-stage filtration process to reduce various contaminants from your water supply. It is designed for small to medium households with 1-3 bathrooms.



# ELITE GEN 2

## WHOLE HOUSE FILTRATION

### - PROFESSIONAL FEATURES -



PRESSURE RELEASE



PRO-GRADE GAUGES



1 INCH PORTS



CLEAR HOUSING



PRO-GRADE BRACKET

Image 2.1: The PRO+AQUA Elite Series GEN2 PRO-100-E 3-Stage Whole House Water Filtration System. It features three filter housings (ACB, CRK, SED) and three pressure gauges for monitoring system performance.

#### Filtration Stages:

- 1. Stage 1 (SED - Sediment Filter):** This filter captures sediments such as rust, dust, silt, and dirt, reducing water cloudiness and turbidity. This initial stage protects the subsequent filters, extending their lifespan. The clear housing allows for easy visual monitoring of filter condition.
- 2. Stage 2 (CRK - Contaminant Reduction Filter):** The advanced CRK filter utilizes a proprietary blend of media to reduce heavy metals like Lead, Iron, Mercury, Nickel, and Chromium. It also addresses odors caused by Hydrogen Sulfide and inhibits bacteria and algae growth, protecting household appliances.
- 3. Stage 3 (ACB - Activated Carbon Block Filter):** An Activated Coconut Shell Carbon infused filter with a maximized surface area effectively removes water contaminants including chlorine, Volatile Organic Chemicals (VOCs), pesticides, bad odors, bad taste, and other chemicals commonly found in water. This stage filters down to 5 microns.

# PRO + AQUA

## ELITE GEN2 WHOLE HOUSE WATER FILTRATION



Image 2.2: Detailed breakdown of the 3-stage filtration process, illustrating the types of contaminants removed by each filter: Sediment, CRK (dissolved metals), and ACB (organic chemicals, chlorine, VOCs).

### 3. KEY FEATURES

- **Stainless Steel Pressure Gauges:** Integrated pressure gauges allow for easy monitoring of system performance and indicate when filter replacement is necessary.
- **Pressure Relief Buttons:** Built-in pressure relief buttons facilitate easier filter replacement.
- **High Flow Rate Design:** Equipped with 1-inch high-flow ports, the system maintains an exceptional flow rate of up to 7 GPM with minimal reduction in water pressure.
- **Durable Construction:** Constructed with commercial-grade materials and industry-standard pipe threading components for long-lasting performance.
- **Easy Installation & Maintenance:** The system comes preassembled with necessary accessories and offers multiple connection options.

# PRO + AQUA

## PRO-100-E | 8-STAGE FILTRATION PROCESS

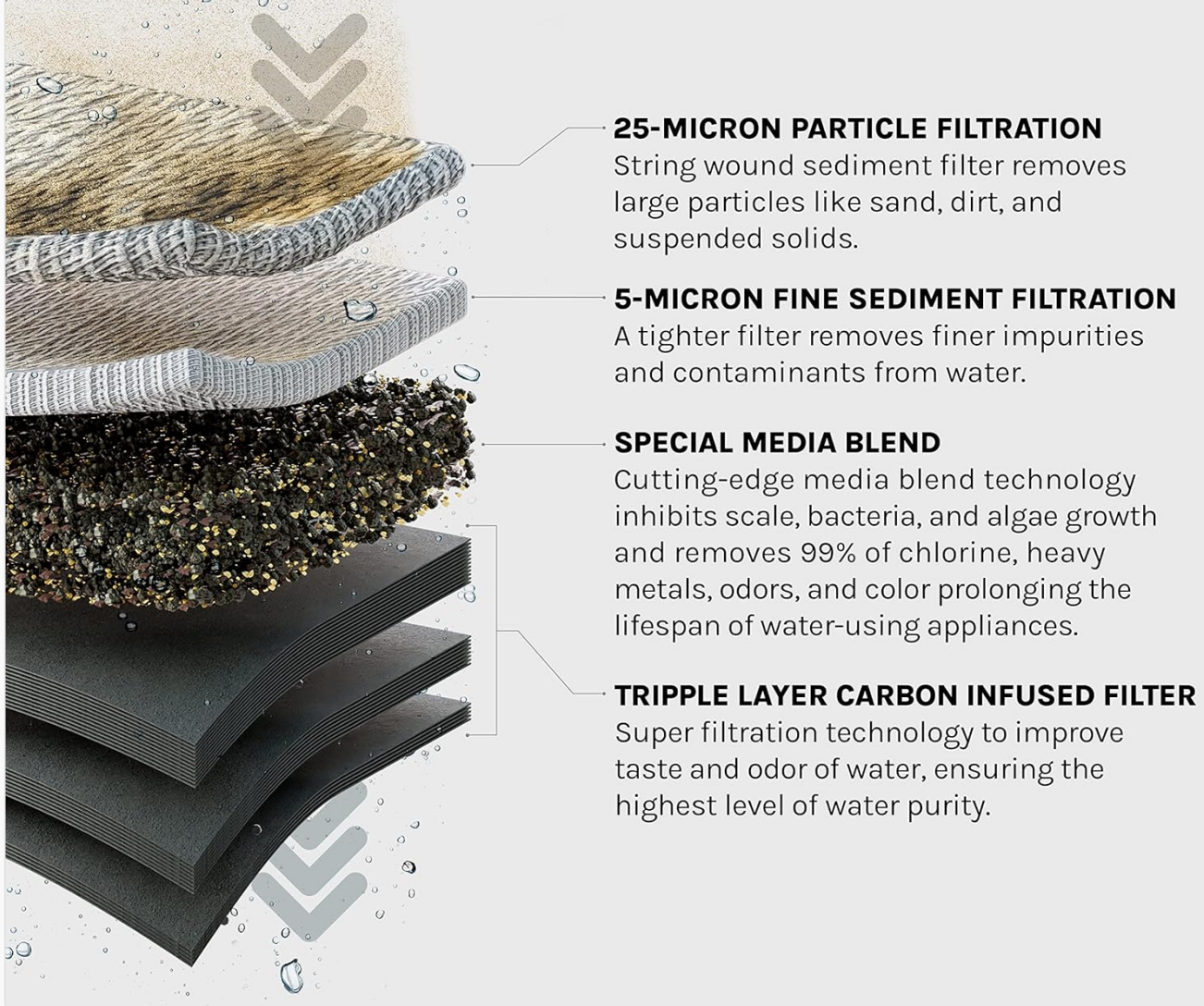


Image 3.1: Professional features of the PRO+AQUA system, including pressure gauges, pressure release, 1-inch ports, clear housing for the sediment filter, and a robust mounting bracket.

## 4. INSTALLATION GUIDE

Professional installation is recommended for this system. Ensure all local plumbing codes are followed. The system is designed for installation on the main water line entering your home.

### Pre-Installation Considerations:

- If your feed water location requires a right-to-left water flow, flip the bracket to reverse the "IN" and "OUT" port orientation.
- Ensure the mounting surface is sturdy enough to support the weight of the system when filled with water (approximately 50 lbs + water weight).
- Consider installing a bypass loop to allow water supply to the house during filter changes without shutting off the main water.
- A spin-down filter can be installed before this 3-stage system to catch larger particles, further extending filter life.

## Step-by-Step Installation:

1. **Turn off Main Water Line:** Locate and turn off the main water supply to your home.
2. **Secure Bracket to Wall:** Using the included bolts, secure the system's bracket to a sturdy wall. Ensure the system is level.
3. **Connect Incoming Water Line:** Apply plumber's tape to the threads of the incoming water line adapter. Connect the incoming water line to the "IN" port of the system. Fully insert the water line into the fitting.
4. **Connect Outgoing Water Line:** Apply plumber's tape to the threads of the outgoing water line adapter. Connect the outgoing water line to the "OUT" port of the system. Fully insert the water line into the fitting.
5. **Center Filters in Housings:** Ensure that each filter cartridge (SED, CRK, ACB) is properly centered within its respective housing before tightening.
6. **Secure Housings:** Hand tighten the filter housings to the heads. **DO NOT OVERTIGHTEN!** Over-tightening can damage the O-rings and cause leaks.
7. **Ensure O-rings are Secure and Cleaned:** Before securing the housings, verify that the O-rings are properly seated in their grooves and are clean. Lubricate O-rings with food-grade silicone grease if necessary.
8. **Turn Water Back On & Check for Leaks:** Slowly turn the main water line back on. Carefully check all connections for any leaks.
9. **Flush the System:** Remove the aerator from the nearest faucet and run water for at least 5 minutes to flush the system. Carbon particles may appear in the water initially; continue flushing until the water runs clear.

Your browser does not support the video tag.

*Video 4.1: An official installation guide for the PRO+AQUA 3-Stage Whole House Well Water Filtration System. This video demonstrates the steps for setting up the filtration unit.*

## 5. OPERATION

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Once installed and flushed, your PRO+AQUA system operates automatically. Water flows through the three stages, providing filtered water to all outlets in your home. The pressure gauges on top of the system allow you to monitor the water pressure for each stage. A noticeable drop in pressure indicates that a filter may be clogged and requires replacement.

## 6. MAINTENANCE

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Regular maintenance, primarily filter replacement, is crucial for optimal system performance and water quality.

### Filter Replacement:

- Replace filters every 6 months for best filtration and flow rate.
- Monitor the pressure gauges; a significant drop in pressure indicates a clogged filter.
- To replace filters, turn off the main water supply (or bypass valve).
- Press the red pressure relief button on top of each housing to release pressure.
- Unscrew the filter housings using the provided wrench.
- Remove old filters and clean the inside of the housings.
- Replace O-rings if they are damaged or worn, and lubricate new O-rings with food-grade silicone grease.
- Insert new filters, ensuring they are centered.
- Hand tighten the housings. Do not overtighten.
- Slowly turn the water supply back on and check for leaks.

- Flush the system as described in the installation guide.

For replacement filters, please search for model B0BQ9HXV38.



## ELITE GEN 2 WHOLE HOUSE FILTRATION

### Stainless Steel Pressure Gauges

Measure, monitor, and know exactly how your system is doing. The **PRO-100-E** onboard gauges make it easy to measure the water pressure levels for each stage, eliminating the guesswork of when it's time to replace the filters.



Image 6.1: Filter compatibility chart for PRO+AQUA Elite Whole House Water Filtration systems. It distinguishes between filters for the Elite GEN2 PRO-100-E (FC-PK19-100E) and older Elite GEN1 PRO-100-E systems (FC-PK-100E).

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Reduced Water Pressure	Clogged filters, air in the system, or partially closed shut-off valve.	Replace filters. Bleed air from the system by opening a faucet. Ensure all valves are fully open.
Water Leaks	Loose connections, damaged O-rings, or overtightened housings.	Check and tighten all connections. Inspect O-rings for damage and replace if necessary. Ensure housings are hand-tightened only.

Problem	Possible Cause	Solution
Cloudy Water After Filter Change	Air in the system or carbon fines from new carbon filters.	Flush the system by running water from a faucet until it runs clear (typically 5-10 minutes).
Gauges Not Working	Gauges may be stuck or not properly seated.	Try gently tapping the gauge. If still not working, contact support. (As per a customer review, sometimes unspinning the gauge about 180 degrees counterclockwise can resolve this).

## 8. SPECIFICATIONS

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- **Model Name:** Elite Series GEN2 PRO-100-E
- **Item Model Number:** FBA-PRO-100-E
- **Product Dimensions:** 22.98"L x 27"W x 8"H
- **Item Weight:** 50 Pounds (empty)
- **Maximum Flow Rate:** 15 Gallons Per Minute (GPM)
- **Operating Pressure Range:** Up to 80 PSI
- **Lower Temperature Rating:** 40 Degrees Fahrenheit
- **Upper Temperature Rating:** 70 Degrees Fahrenheit
- **Supported Water TDS Level Maximum:** 500 PPM
- **Capacity:** 100,000 Gallons (filter lifespan)
- **Material (ACB Filter):** Coconut Granulated Carbon
- **Installation Type:** Professional Recommended
- **Included Components:** PRO-100E 3 Stage System

# PRO+ AQUA

## ELITE WHOLE HOUSE WATER FILTRATION

### PRODUCT DIMENSIONS



Image 8.1: Product dimensions of the PRO+ AQUA Elite Whole House Water Filtration system, indicating its height, width, and depth.

## 9. WARRANTY AND SUPPORT

PRO+ AQUA stands behind its products with an extended 5-year manufacturer warranty for this whole house water filter system. Please activate your warranty online after installation.

Additionally, free lifetime US tech support is available. For support or warranty claims, please refer to the contact information provided with your product or visit the official PRO+ AQUA website.

A 30-day money-back guarantee is also offered.