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› PRO+AQUA Elite 5-Stage Whole House Water Softener and Filter System with RO for Well Water - User Manual

PRO+AQUA Home Bundle + RO

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Model: Home Bundle + RO

1. PRODUCT OVERVIEW

The PRO+AQUA Elite 5-Stage Whole House Water Softener and Filter System with Reverse Osmosis is designed to provide comprehensive water treatment for well water. This system combines multiple filtration stages to address various water quality issues, delivering soft, clean, and safe water throughout your home.

This complete package includes the PRO-100-E 3-Stage ELITE Filtration System, the PRO-WELL-1E Filtration System for Well Water, and the PRO-S-80E 80,000-grain water Softener. These components work in series to offer advanced filtration.

Key Features:

- **5-Stage Filtration:** Provides ultimate protection by reducing heavy metals, iron, sulfur, sediment, chlorine, and more.
- **Well Water Optimization:** Specifically engineered for well water contaminants, ensuring effective removal of impurities.
- **Water Softening:** Includes an 80,000-grain water softener to eliminate hard water minerals, preventing scale buildup and improving water quality.
- **Reverse Osmosis (RO) System:** Integrated RO system for purified drinking water, removing up to 99.9% of impurities.
- **Durable Construction:** Features commercial-grade parts designed for longevity and reliable performance.
- **Low Maintenance:** Designed for easy filter changes and automatic regeneration for hassle-free operation.

1 | REDUCE

Captures harmful contaminants found in well water while safeguarding and extending the life of subsequent systems and appliances.



2 | REMOVE

This heavy-duty well water system instantly fixes issues caused by iron, hydrogen sulfide, and more.



3 | SOFTEN

Eliminates hard water minerals, allowing you to enjoy the benefits of soft, clean water.



4 | PURIFY

The reverse osmosis system serves as the ultimate final stage, removing 99.9% of impurities from your drinking water.



Figure 1: Overview of the 4-stage water treatment process, including reduction, removal, softening, and purification.

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REVERSE OSMOSIS DRINKING WATER SYSTEM PRODUCT BENEFITS

5 STAGES OF FILTRATION

Removes 99% of all contaminants in your water to provide ultra-clean water that is safe and delicious for the entire family.



Figure 2: The Reverse Osmosis Drinking Water System, highlighting its 5 stages of filtration for ultra-clean water.

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ELITE WHOLE HOUSE FILTRATION BUNDLE

REMOVES/ FIXES



Surface Stains & Discoloration



Scaling of Hot Water Appliances



Pipe Corrosion and Buildup



Unpleasant Odor, Color, and Smell



Dry Skin & Brittle Hair



Yellowed & Stained Laundry

Figure 3: Common household water issues addressed by the Elite Whole House Filtration Bundle.

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ELITE WHOLE HOUSE FILTRATION BUNDLE

This powerful bundle effectively removes:

	Chromium		Mercury		Hydrogen Sulfide
	Iron		Nickel		Dissolved Metals
	Radon		Rust		Chlorine
	Lead		Sand		Taste
	Herbicides		Silt		Odors
	Pesticides		Sediment		Manganese
	Magnesium		Calcium		Scale

Figure 4: Comprehensive list of contaminants removed by the system.

Filters up to 99% of:

Acrylamide	Dibromochloro-propane (DBCP)	PCBs
Aluminum	Dichloro-methane	Pesticides
Ammonium	Dichlorobenzene (o-, p-)	Phosphate
Antimony	Dichloroethane (1,2)	Polyphosphate
Arsenic	Dichloroethylene	Potassium
Asbestos	Dichloropropane (1,2)	Pyrogens
Bacteria	Dioxin (2,3,7,8-TC-DD)	Radioactivity
Barium	Epichlorohydrin	Radium
Benzene	Ethylbenzene	Selenium
Beryllium	Ethylene dibromide (EDB)	Silica
Bicarbonate	Ferrocyanide	Silicate
Boron	Fluoride	Silver
Bromide	Giardia	Sodium
Bromodichloro-methane (THMs)	Hardness	Strontium
Bromoform (THMs)	Herbicides	Styrene
Cadmium	Hexachloro-benzene	Sulfate
Calcium	Hexachloro-cyclopentadiene	Sulphite
Carbon tetrachloride	Hydrocarbons	TDS (Total Dissolved Solids)
Chloride	Insecticides	Tetrachloro-ethylene (PCE)
Chlorine	Iron	Thallium
Chloroform (THMs)	Lead	Toulene
Chromate	Magnesium	Trichlorobenzene (1,2,4)
Chromium	Manganese	Trichloroethane
Copper	Mercury	Trichloroethylene
Cyanide	Monochloro-benzene	Turbidity
Detergents	Nickel	Vinyl chloride
Di(ethylhexyl) adipate	Nitrate (as N)	Viruses
Di(ethylhexyl) phthalate	Nitrite (as N)	Xylenes
Dibromochloro-methane (THMs)	PAHs	Zinc
		and many more...

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Figure 5: Extensive list of contaminants filtered by the system.

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ELITE WHOLE HOUSE FILTRATION BUNDLE

Chemical Removal

Experience smooth and silky, spa-quality water at every bath and shower while your skin and lungs are protected from harmful chlorines and chloramines.

Contaminant-Free Water

Removes 99% of common contaminants, providing clean, and healthy water.

Reduced Maintenance Cost

Protects your plumbing lines and fixtures from clogs and corrosion, and increases the longevity of your pipes and appliances.

Clean, Healthy Water

Advanced GAC/KDF55 carbon-based media removes a wide range of harmful chemicals.



Figure 6: Benefits of the Elite Whole House Filtration Bundle.

2. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your PRO+AQUA water treatment system. Please follow these steps carefully. It is recommended to consult a qualified plumber for installation.

2.1 PRO-100-E 3-Stage ELITE Filtration System Installation

1. **Turn off Main Water Line:** Locate and turn off the main water supply to your home.
2. **Secure Mounting Bracket:** Secure the system's mounting bracket to a sturdy wall using the included bolts. Ensure the system is level. If your feed water requires a right-to-left flow, flip the bracket to reverse the "IN" and "OUT" port orientation.
3. **Connect Incoming Water Line:** Apply Teflon tape to the quick-connect fitting and connect the incoming water line to the "IN" port of the filtration system. Fully insert the water line until secure.
4. **Connect Outgoing Water Line:** Apply Teflon tape to the quick-connect fitting and connect the outgoing water line to the "OUT" port of the filtration system. Fully insert the water line until secure.

5. **Insert Filters:** Ensure filters are centered in their respective housings. The sediment filter (SED) goes in the clear housing, followed by the CRK and ACB filters in the opaque housings.
6. **Secure Housings:** Hand-tighten the filter housings to the heads. DO NOT OVERTIGHTEN.
7. **Turn on Water and Check for Leaks:** Slowly turn the main water line back on and carefully check all connections for any leaks.
8. **Flush the System:** Remove the aerator from the nearest faucet. 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. Replace the aerator once the water is clear.

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Video 1: 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.

2.2 PRO-WELL-1E Filtration System Installation

This section outlines the installation steps for the PRO-WELL-1E system. Ensure you have followed all safety precautions before proceeding.

1. **Adjust Tank Base:** Adjust the floating tank base to ensure the product will be level on the final installation surface. Lift the tank 5-10 inches and drop it to settle the base.
2. **Apply Teflon to Bypass Valve Fittings:** Apply Teflon tape to the quick-connect fittings and secure them to the bypass valve. Use a wrench to tighten the fittings.
3. **Lubricate Control Head O-rings:** Lubricate the control head o-rings, attach the bypass valve, and secure it with screws and metal clips.
4. **Lubricate Riser Tube:** Lubricate the riser tube located on the opening of the tank.
5. **Install Upper Basket:** Place the upper basket over the riser tube, push the control valve down, and thread it by turning clockwise.
6. **Connect Water Lines:** Fully insert the incoming and outgoing water lines into the quick-connect fittings on the bypass valve. Ensure the locking clips are in place.
7. **Run Drain Hose:** Run the drain hose from the control head to the nearest laundry tub or drain location.
8. **Connect Power:** Connect the included power cord to the valve and plug the power adapter into the nearest approved electrical outlet.
9. **Bypass Position:** Ensure the unit's bypass valve is in the BYPASS position before slowly turning the main water supply back on.
10. **Check for Leaks:** Carefully check all connections for any leaks.

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Video 2: Installation Guide for the PRO+AQUA PRO-WELL-1E Well Water Filtration System Bundle. This video provides detailed steps for installing the well water filtration unit.



Figure 7: The complete PRO+AQUA water treatment system installed.

3. OPERATING INSTRUCTIONS

Your PRO+AQUA system is designed for automated operation. The control head manages regeneration cycles to ensure continuous soft and filtered water. Initial programming is required to set the time and regeneration schedule.

3.1 Setting System Clock and Regeneration Timer (PRO-WELL-1E)

1. **Activate Screen:** Press any button to activate the screen.
2. **Enter Programming Mode:** Press the SETTINGS and UP buttons simultaneously to enter programming mode. The screen will display "SET-1 TIME".
3. **Set Hours:** Press the UP or DOWN buttons to change the hours (24-hour clock) to match your local time.
4. **Set Minutes:** Press the SETTINGS button to continue to minutes. Press the UP or DOWN buttons to change the minutes to match your local time.
5. **Edit Regeneration Time:** Press the SETTINGS button to continue. The screen will display "SET-2 TYPE".

Press the UP button to move to the "4 T-H SCREEN" (TIME-HOURS OVERRIDE). Press the SETTINGS button to edit the regeneration time.

6. **Verify Regeneration Time:** Verify the regeneration time is set to 1 AM. Press the UP or DOWN buttons to change to 1 AM if necessary.
7. **Return to Main Screen:** Press the CYCLE button to return to the main screen. The screen will display the time of day (24-hour) and the time remaining until the next regeneration.

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Video 3: PRO-WELL-1E Programming Guide. This video details how to set the system clock and regeneration timer for the well water filtration unit.

4. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your PRO+AQUA water treatment system. The system is designed for easy, low-maintenance operation with automatic regeneration.

4.1 Manual Backwashing and Service Setup (PRO-WELL-1E)

In some cases, a manual backwash may be necessary. Follow these steps:

1. **Initiate Manual Backwash:** Press and hold the CYCLE button for 5-6 seconds. The screen will display "BW" (Backwash) and begin a 15-minute countdown.
2. **Slowly Turn Bypass Valve:** Once the screen shows "BW", slowly turn the bypass valve towards the SERVICE position.
3. **Allow Cycle to Complete:** Once there is a steady stream of water and you no longer hear air escaping, allow the backwash cycle to complete.
4. **Brine Draw:** When the backwash cycle is complete, the valve will advance to "BD" (Brine Draw).
5. **Rapid Rinse:** The display will then show "RR" (Rapid Rinse) and count down for 10 minutes.
6. **Final Positions:** The display will advance to the "BF" and "SR" positions as the cycle completes.
7. **Flush Faucet:** Once the backwash is complete, open the nearest faucet, remove the aerator, and allow water to run until clear.

4.2 Filter Replacement

The PRO-100-E system features easy filter changes. Refer to the specific filter replacement schedule provided in your product documentation for optimal performance. Always turn off the main water supply and relieve pressure before attempting to change filters.

5. TROUBLESHOOTING

If you encounter issues with your PRO+AQUA system, consider the following common troubleshooting steps:

- **Low Water Pressure:** Check if the filters are clogged and require replacement. Ensure all bypass valves are fully in the SERVICE position.
- **Unclear Water After Installation/Filter Change:** This is often due to carbon particles from new filters. Flush the system by running a faucet without an aerator until the water runs clear (typically 5-10 minutes).
- **Water Hardness/Contaminants Persist:** Verify that the system is correctly installed and that the regeneration cycle is programmed appropriately. Ensure the correct filters are installed and not expired.

- **Leaks:** Check all connections for proper tightening. Ensure O-rings are correctly seated and lubricated. Turn off the main water supply, relieve pressure, and re-tighten any leaking connections.
- **System Not Regenerating:** Check the power supply to the control head. Verify the programmed regeneration time and frequency.

For persistent issues, refer to the detailed troubleshooting guide in your full product manual or contact customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	PRO+AQUA
Model Name	BNDL-WEL-RO
Product Dimensions	13"L x 12.99"W x 57"H
Item Weight	325 Pounds
Maximum Flow Rate	10.31 Gallons Per Minute
Supported Water TDS Level Maximum	7 PPM
Installation Type	Under Sink (for RO component)
Purification Method	Ion Exchange, Reverse Osmosis
Material	Polypropylene
Included Components	RO System, Water Softener, Water Filtration, Well Water System

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ELITE WHOLE HOUSE FILTRATION & RO BUNDLE PRODUCT DIMENSIONS



Figure 8: Product dimensions for the various components of the system.

7. WARRANTY AND SUPPORT

Your PRO+AQUA Elite 5-Stage Whole House Water Softener and Filter System with RO is backed by a 1-year and 5-year warranty. Please refer to your warranty card for specific terms and conditions.

For any questions, technical assistance, or support, PRO+AQUA offers free lifetime tech support. You can reach out to our customer service team for expert guidance.