

ProOne® HOME Whole House Water Filtration System

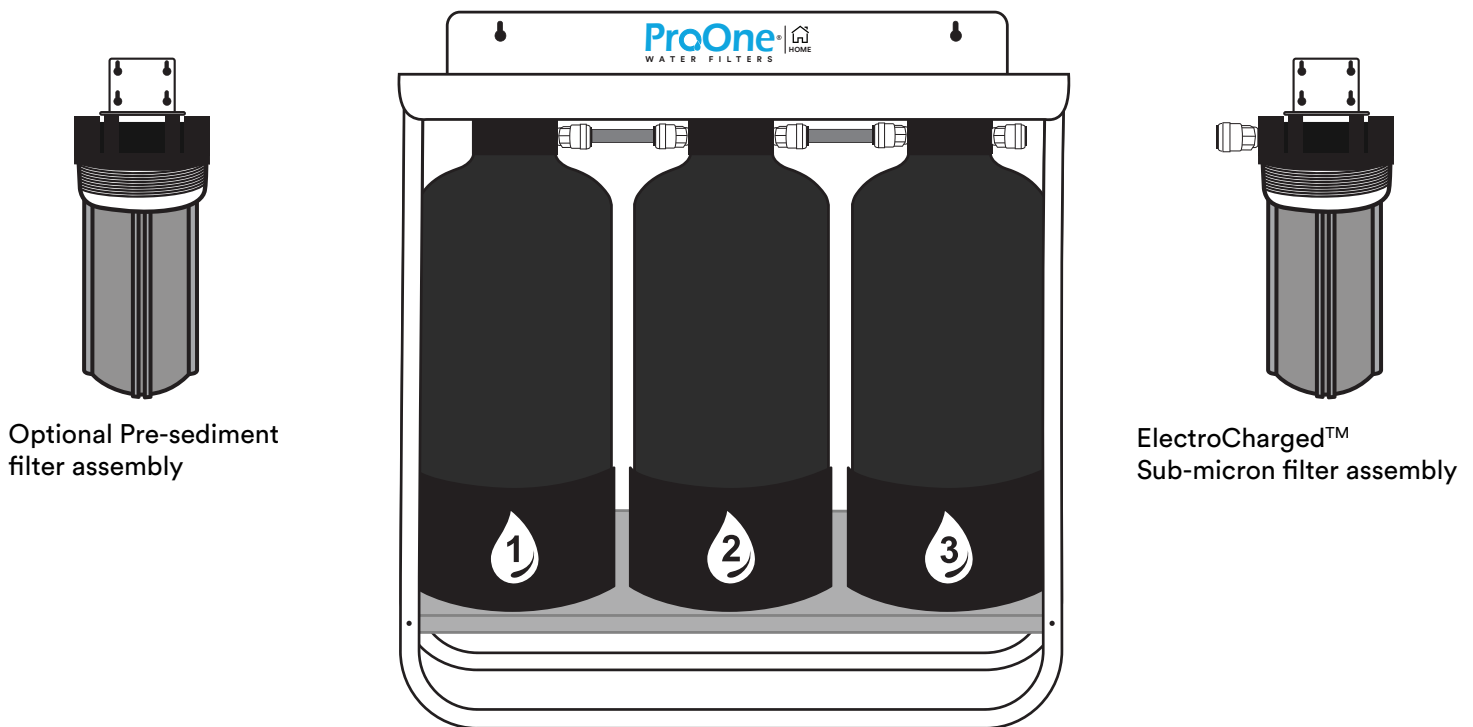
Now there's a ProOne® for your entire home! The most advanced 4 stage compact filtration system.

Featuring groundbreaking filtration technology - ProMax™ FULL SPECTRUM HOME!

Performance tested to NSF/ANSI standards 42, 53, P231 and 401 across a broad spectrum of 220+ contaminants including VOC's, lead, fluoride, heavy metals, pesticides, SVC's, disinfectants, inorganic non-metallics, herbicides, pharmaceuticals, micro-organisms, taste and odor by an independent certified water testing laboratory.

Ongoing emerging contaminants - ongoing testing including latest testing for PFOA, PFOS, Parasites (Copepods, Blue-Green Algae), Haloacetic Acids, Microcystin and micro-plastics. See the complete lab report on the ProOne® HOME system at www.prooneusa.com.

ProOne® HOME (t) OVERVIEW:



SYSTEM INCLUDES:

- 3 - stage filter tank assembly with rack
- 6 - 3/4" push fit connectors
- 3 - connector tubes and tube supports
- 1 - ElectroCharged™ Sub-micron filter assembly with wrench and mounting bracket
- 5 - 3/4" PEX tubing with tube supports

READ CAREFULLY AND FOLLOW ALL INFORMATION INCLUDED IN THIS INSTRUCTION MANUAL. SOME LOCAL AND STATE CODES MAY REQUIRE THE USE OF A LICENSED QUALIFIED PLUMBING PROFESSIONAL OR A CERTIFIED INSTALLER WHEN DISRUPTING A POTABLE WATER LINE. INSTALLATION AND USE MUST COMPLY WITH ALL STATE AND LOCAL PLUMBING CODES. RETAIN THIS MANUAL FOR FUTURE REFERENCE.

IMPORTANT INFORMATION AND SAFETY PRECAUTIONS - PLEASE READ CAREFULLY PRIOR TO INSTALLATION

INTENDED USE FOR THE ProOne® HOME WHOLE HOUSE WATER FILTRATION SYSTEM: This system is designed for point-of-entry installation for residential use in filtering either municipal or well potable water. To validate the warranty, installation, use and maintenance of the ProOne® HOME system must conform to specifications, limitations and instructions stated within this manual. For well water use, we recommend your water be tested for pH, hardness, iron and bacteria. Iron level $>.3$ mg/l, may require a water softener system (ProOne® PH-2000) as this could affect the performance of the system. The use of a Pre-sediment filter and other equipment may be necessary to address your particular water condition(s), and if necessary, to protect the system.

WARNING

1. Do NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before the system.
2. Do NOT install the system or adjacent filter housing(s) near electrical wiring or piping which may be in the path when securing system to a wall.
3. Do NOT install system on its side or in direct sunlight.
4. system should be installed in a dry location protected from the elements including freezing.
5. Should the home electrical system require the use of the cold water system as an electrical safety ground, a jumper MUST be used to ensure a sufficient ground connection across the filter system installation.
6. Pressure MUST be released in the ElectroCharged™ Sub-micron filter assembly prior to removing the filter sump.

CAUTION

1. Be careful not to over-tighten any connections to avoid damage or cracks to connections which could result in damage and or leaks.
2. Use only approved thread sealant such as Teflon tape or Teflon paste when making connections. When using paste thread sealant, label must state suitable for use with PVC and NSF approved. Some sealant pastes may contain solvents which can soften threads resulting in damaged fittings and leakage.
3. If an irrigation/sprinkler system is present upstream of the system, a one-way check valve MUST be installed to protect your system.
4. Installation such as apartment dwelling may require a vacuum breaker valve.
5. For well water installation, install system after pressure tank .
6. For city water installation, install system after meter.
7. In areas of known high sediment (such as New York), a Pre-sediment filter assembly is recommended
8. ElectroCharged™ Sub-micron filter assembly requires 3" of space below sump in order to replace filter.
9. DO NOT install where ambient temperature may go above 110°F (43.3°C).
10. DO NOT install without a pressure limiting valve should the water pressure exceed 100 psi (690kPa).
11. DO NOT install on the hot water supply line.
12. Fuel or electrical power supply going to water heater may need to be shut off during installation after water supply is shut off.
13. To avoid risk of property damage due to water leakage or to replace tanks or filter cartridge, a bypass line with ball valves MUST be installed as shown in Assembly Diagram.
14. The system MUST be flushed/purged before being connected to the main plumbing. This helps prevent media fines from discharging into the home plumbing and water appliances. Follow instructions (16) under GETTING STARTED.

IMPORTANT NOTES

1. Before starting installation, shut off main water supply, drain pipes and release pressure as necessary.
2. Check for leaks after completing installation.
3. Failure to follow instruction manual will void warranty.

OPERATING SPECIFICATIONS

Maximum temperature: 49°C, 120°F
Minimum temperature: 1°C, 34°F
Maximum line pressure: up to 125 psi (8.61 Bar)
Maximum vacuum: 140mmHg, 5.5" Hg
Maximum recommended service flow rate: 7gpm

SYSTEM SPECIFICATIONS

Overall size: 3 stage tank assembly w/rack size: 25" X 10" X 28"
Tank size: 7" x 17" each
Overall size: stage 4 ElectroCharged™ Sub-micron filter assembly: 7" x 15"
Complete system weight: 65 lbs
Port size: ¾" INLET and OUTLET
Push fit connectors: ¾" for PEX (with tube supports), CPVC or Copper
Expected capacity: 50,000 gallons or up to 1 year (dependent on specific water source and usage) for tank 1 and 2. 100,000 gallons for tank 3
For well water application check iron level. Above .3 mg/l, call for information as this may require a water softener.

Pre-sediment filter (optional): When sediment may be of concern, we recommend the installation of a Pre-sediment filter assembly. Item # PH-PRE filter assembly. Recommended filter cartridge replacement up to 6 months or as needed.

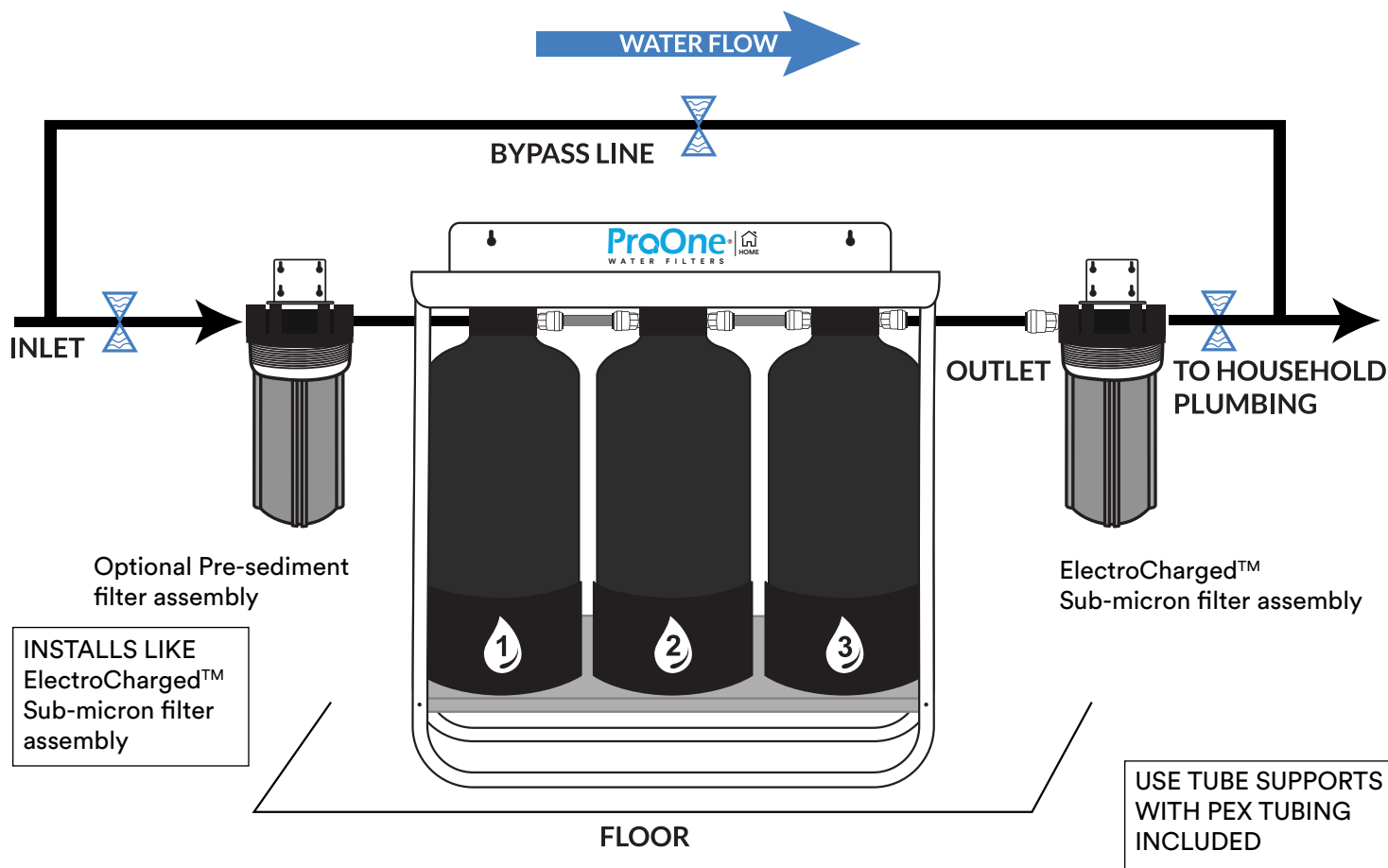
Depending on your specific water condition, ProOne® offers additional "Pre" or "Post" add-on optional filters. Please contact ProOne® Technical Support should you have questions about your specific needs.

Replacement Filters:

Tank 1 & 2 – item# PH-1200RTA
Tank 3 – item# PH-3000RTA
ElectroCharged™ Sub-micron filter cartridge – item# PH-EC-RF
Pre-sediment 5 micron filter cartridge – item# PH-PRE-RF

GETTING STARTED

1. SHUTOFF MAIN AND INLET WATER SUPPLY AND DEPRESSURIZE BEFORE STARTING INSTALLATION
2. Basic tools and materials required (not included). Plumbing may vary. Other materials may be required.
 - a. Pipe cutter
 - b. Compression fittings for INLET and outlet/To household plumbing – ¾" NPT fittings x size of piping
 - c. 3 ball valves and piping for bypass line set up
 - d. PTFE Tape or paste (NSF approved for PVC)
 - e. Adjustable wrench
 - f. Ground kit if required
3. See Assembly Diagram below



4. For City Water installation, install system after the meter.
5. For Well Water installation, install system after the pressure tank.
6. Remove components from carton and inspect.
7. 3 stage filter tanks MUST be installed in sequence 1-2-3 with ElectroCharged™ Sub-micron following tank 3.
8. Tanks are pre-filled at the factory. ElectroCharged™ Sub-micron filter assembly comes with replaceable filter cartridge.
9. DO NOT use pipe solvent (dope) as some types may cause damage to plastic fittings.
10. DO NOT overtighten as it may cause damage to components and or property.
11. Determine location for system and make sure system is connected with the correct flow direction.
12. Install Bypass set up as shown in Assembly Diagram above.
13. BEFORE FINAL CONNECTION/INSTALLATION to household plumbing, follow surge flushing (16) on next page.
14. Check to see if jumper ground kit is required before using.
15. Remove ElectroCharged™ Sub-micron filter cartridge from housing before Surge flushing process in step (16).t

16. Surge flushing: It is important to surge flush the system prior to final connection/installation to household plumbing and use to prevent carbon media fines or carbon dust from discharging into the household plumbing and water appliances.
 - a. Install temporary line at OUTLET of Sub-micron filter assembly to allow water to drain out.
 - b. BYPASS LINE valve should be turned off.
 - c. Slowly turn on the water supply line. You may notice discolored and or cloudy water due to carbon fines flowing into the drain. This is normal as the system is being flushed out. Continue to slowly turn on and flush until clear water free from discoloration and cloudiness is flowing.
 - d. Once completed, disconnect the temporary line at OUTLET and finish connection/installation to the household plumbing line.
17. Make sure system is firmly attached and supported.
18. Once installation is complete, reinstall ElectroCharged™ Sub-micron filter cartridge into housing. Slowly turn on water supply line and press red button on filter head to release air pressure.
19. Run system and inspect for any leaks.
20. Should water appear cloudy in a glass, this is normal as there maybe air bubbles still in the system and will dissipate with use.

MAINTENANCE

1. USE OF BYPASS LINE: BYPASS LINE is intended to be used when circumventing the system for maintenance or repair of v. To use,
 - a. Shut off the main supply line and open faucet to release pressure.
 - b. Close the INLET and OUTLET valve and open the BYPASS line valve.
2. ElectroCharged™ Sub-micron filter cartridge replacement – recommend every 6 months or;
 - a. Should there be a noticeable reduction in water flow, change in taste or if the filter cartridge becomes heavily discolored, indication the Sub-micron filter cartridge should be replaced.
 - b. Replacement instructions
 - i. TURN OFF MAIN WATER SUPPLY, INLET and OUTLET WATER VALVES.
 - ii. Place a bucket under the filter housing assembly to catch excess water.
 - iii. Relieve water pressure by pressing red button on Sub- micron filter assembly head.
 - iv. Unscrew clear housing sump using supplied wrench and slowly turn to the left until sump is detached from assembly head. Discard old filter cartridge. Wash sump thoroughly with mild soap and water. Rinse well. DO NOT place in dishwasher.
 - v. Remove and lubricate O-ring with food grade oil.
 - vi. Insert new cartridge and re-install sump housing. Be sure O-ring is positioned correctly in the proper groove before tightening onto the head. Tighten using supplied wrench only. Caution not to overtighten as damage and or leakage could occur.
 - vii. Slowly turn on main water supply and open INLET and OUTLET valves.
 - viii. Press red button on head to release air pressure and check for leaks.
 - ix. Flush system for several minutes.
 - x. You are now ready to use.
3. Manufacturer recommends ElectroCharged™ Sub-micron filter housing assembly be replaced every 4 years to maintain warranty.
4. Use only warm, soapy water to clean the outside of the 3 stage filter tank housings. Rinse well with fresh, clean water. Never use chemical cleaning products on the filter's housing exterior surface as this may cause damage to the housings.
5. 3 stage tank assembly replacement
 - a. Shut off the main water supply line, INLET and OUTLET valves.
 - b. Disconnect the INLET and OUTLET side of the 3 stage tank assembly.
 - c. Disconnect the ElectroCharged™ Sub-micron filter assembly from 3 stage tank assembly.
 - d. Depending on the installation, the rack may need to be detached from the wall in order pull out (slide) the 3 stage tank assembly from the rack.
 - e. Continue replacement installation with step 16 through step 20.

ProOne® HOME LIMITED WARRANTY.

Lincoln-Remi Group, LLC d/b/a ProOne® Water Filters(“PO”) sells its products with the intent that they are free from defects in materials and workmanship under normal use and care. PO provides a limited warranty to the original retail purchaser of ProOne® products (“Customer”) of those ProOne® products described in this Limited Warranty when purchased from ProOne® or an authorized ProOne® dealer. PO will repair or replace any ProOne® product, at it’s sole discretion during the warranty period under the following conditions:

1. Product Name: ProHOME™ Whole House System and ProSoft System
2. If during the two (2) years following the purchase of a ProOne® ProHOME™ system, excluding the filter elements or media or one (1) year following the purchase of a ProSoft system, PO will replace or repair any component in the ProOne® ProHOME™ or ProSoft system when found to be defective by ProOne®,
3. ProOne® ElectroCharged filter element comes with a one (1) limited warranty against defects in materials and workmanship only.
4. No warranty is given as to the service life or performance of any filter media or any filter element because performance of ProOne® filters will vary with water conditions and water consumption. Customer is encouraged to visit the Lab Report Disclaimer under Terms and Conditions at www.prooneusa.com.
5. Any damage caused by misuse or abuse; accident; improper installation; dropped product; failure to follow recommended installation or provide recommended maintenance; transportation damage; neglect; environmental conditions including but not limited to water hammer; or any other conditions whatsoever that are beyond the control of PO are excluded from this warranty.
6. This express limited warranty is the sole and exclusive warranty.
7. ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS OR FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER POTENTIAL OBLIGATION ON THE PART OF PO WITH RESPECT TO PRODUCTS SOLD BY PO ARE DISCLAIMED. EXCEPT FOR ANY EXPRESS WARRANTIES, ALL ProOne® PRODUCTS ARE SOLD “AS-IS”. PO shall not be held liable for any incidental, consequential or special damages of any sort whatsoever. The liability of PO is limited to the original retail purchaser and to the repair or replacement of defective components only during the Warranty Period. Labor charges incurred are not covered under this warranty. No refunds will be given at any time to anyone other than the original retail purchaser, except as provided in the refund policy of ProOne®. Please visit Refunds and Returns under Terms and Conditions at www.prooneusa.com The Customer is also encouraged to review the Lab Report Disclaimer under Terms and Conditions at www.prooneusa.com. The liability of PO terminates upon the expiration of the Warranty Period or transfer of product ownership.
8. To obtain warranty service on, or replacement of a ProOne® product, Customer should contact ProOne® customer service by email to support@prooneusa.com to confirm eligibility of warranty. Customer may be asked to remove and send, at the sole expense of the Customer: (a) the product including its original packaging; and (b) the dated sales receipt as proof of purchase, and a prepaid return package, to the following address: ProOne, 1200 Benstein Rd, Commerce Twp., MI 48390. NO C.O.D’s will be accepted.
9. This warranty provides you with specific legal rights. You may have additional rights which may vary from country to country. Because of individual country laws and regulations, some of the above limitations and exclusions may not apply to you. For any warranty questions, please call 1-800-544-3533 or email to support@prooneusa.com.

Attention CA, IA and WI Consumers. In compliance with states’ law, ProOne products are sold and shipped to residents of these states without any health related performance claims except for aesthetics including chlorine reduction and improvement with taste, odor and sediment. Other states may apply.

PURCHASE DATE: _____

For questions or concerns, please contact our customer service representatives at 1(800)544-3533 or email at support@prooneusa.com



UNPACKING & ASSEMBLY INSTRUCTIONS

1. Remove system from carton and stand upright
2. Remove shrink wrap from around system
3. Remove 3 tanks with ElectroCharged™ filter assemblies from back of rack
4. Remove shrink wrap from around assemblies
5. Remove ElectroCharged™ assembly
6. Remove shrink wrap and then bubble wrap from around 3 tank assembly
7. Remove green foam plugs from INLET side of 3 tanks
8. Insert white connector tube with black tube supports into quick connect fitting OUTLET of tank 1
9. Place tank 2 next to tank 1, insert other end of white connector tube into quick connect fitting INLET of tank 2
10. Insert white connector tube with black tube supports into quick connect fitting OUTLET of tank 2
11. Place tank 3 next to tank 2, insert other end of white connector tube into quick connect fitting INLET of tank 3
12. Connector tubes should be fully inserted into quick connect fittings
13. Insert 3 tank assembly back into rack
14. Extra PEX tubing is included for the installation of the ElectroCharged™ filter assembly
15. Refer to Instruction Booklet for installation

For any damaged or missing items, please contact support@prooneusa.com or 1(800)544-3533.