



UNPACKING & ASSEMBLY INSTRUCTIONS FOR ProHOME™ SYSTEM

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

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

ProHOME™

ProHOME™ Whole House Water Filtration System By ProOne®

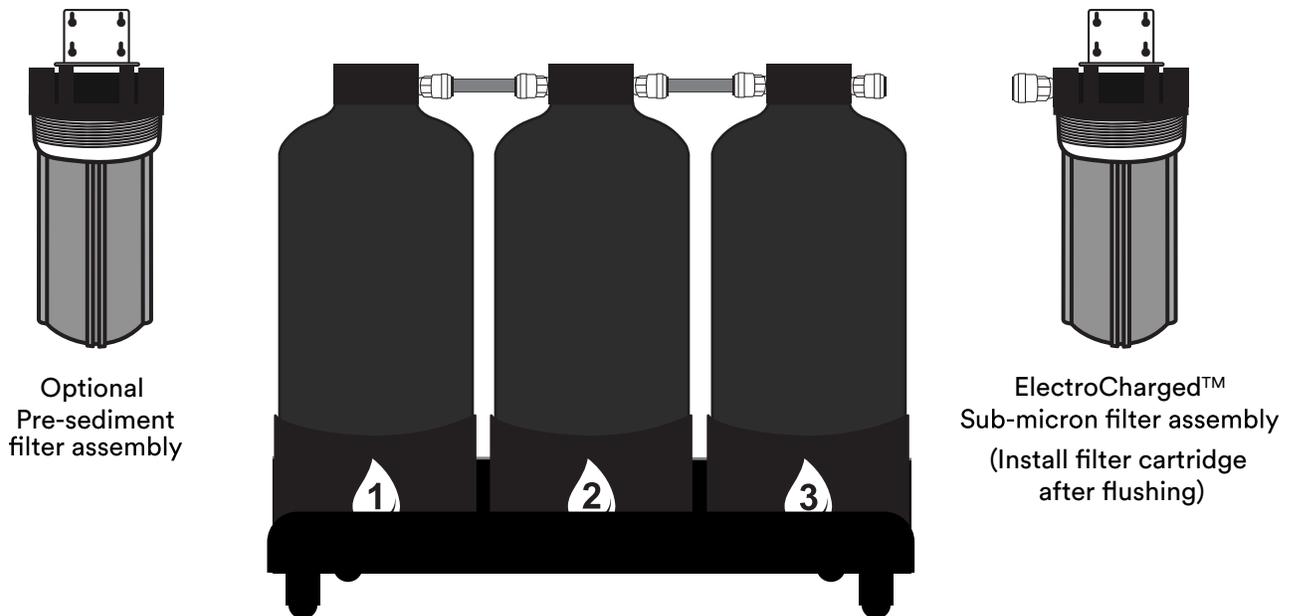
Now there's a ProOne® for your entire home.... ProHOME™, the most advanced 4 stage compact filtration system.

Featuring groundbreaking filter 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 updated lab report on the ProHOME™ system at www.prooneusa.com.

ProHOME™ (SYSTEM) OVERVIEW:



SYSTEM INCLUDES:

- 3 – stage filter tank assembly with rack
- 6 - ¾" push fit connectors
- 3 connector tubes
- 1 – ElectroCharged™ Sub-micron filter assembly with wrench and mounting bracket
- 5' - ¾" PEX tubing

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 **ProHOME™** WHOLE HOUSE WATER FILTRATION SYSTEM: This **SYSTEM** is designed for point-of-entry installation for residential use in filtering both municipal or well potable water. To validate the warranty, installation, use and maintenance of the **ProHOME™** 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, UV light and other equipment may be necessary to address your particular water condition(s), and if necessary, to protect the **SYSTEM**. Visit your authorized **ProOne®** dealer or www.prooneusa.com.

PRE-SEDIMENT & ELECTROCHARGED FILTER HOUSING PREPARATION:
BEST TO WASH THE INSIDE OF THE FILTER HOUSING INCLUDING THE HEAD AND SUMP ONLY (NOT THE FILTER) WITH LIQUID DISH WASHING SOAP USING A STANDARD SPONGE OR DISHWASHING CLOTH BEFORE INSTALLATION. LUKE WARM WATER.
RINSE WELL, WIPE DRY. updated 5/5/2022

WARNINGS

1. **Do Not** use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before the system. **ProOne®** offers an optional UV light.
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 or extreme cold
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 after water supply is shut off during installation
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 may result in damage and 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: approx. 65 lbs
Port size: ¾" INLET and OUTLET
Push fit connectors: ¾" for PEX, CPVC or Copper
Expected capacity: 50,000 gallons or up to 1 year for tank #1 & 2, 100,000 gallons for tank #3 (dependent on specific water source and usage)
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 replacement up to 6 months or as needed.

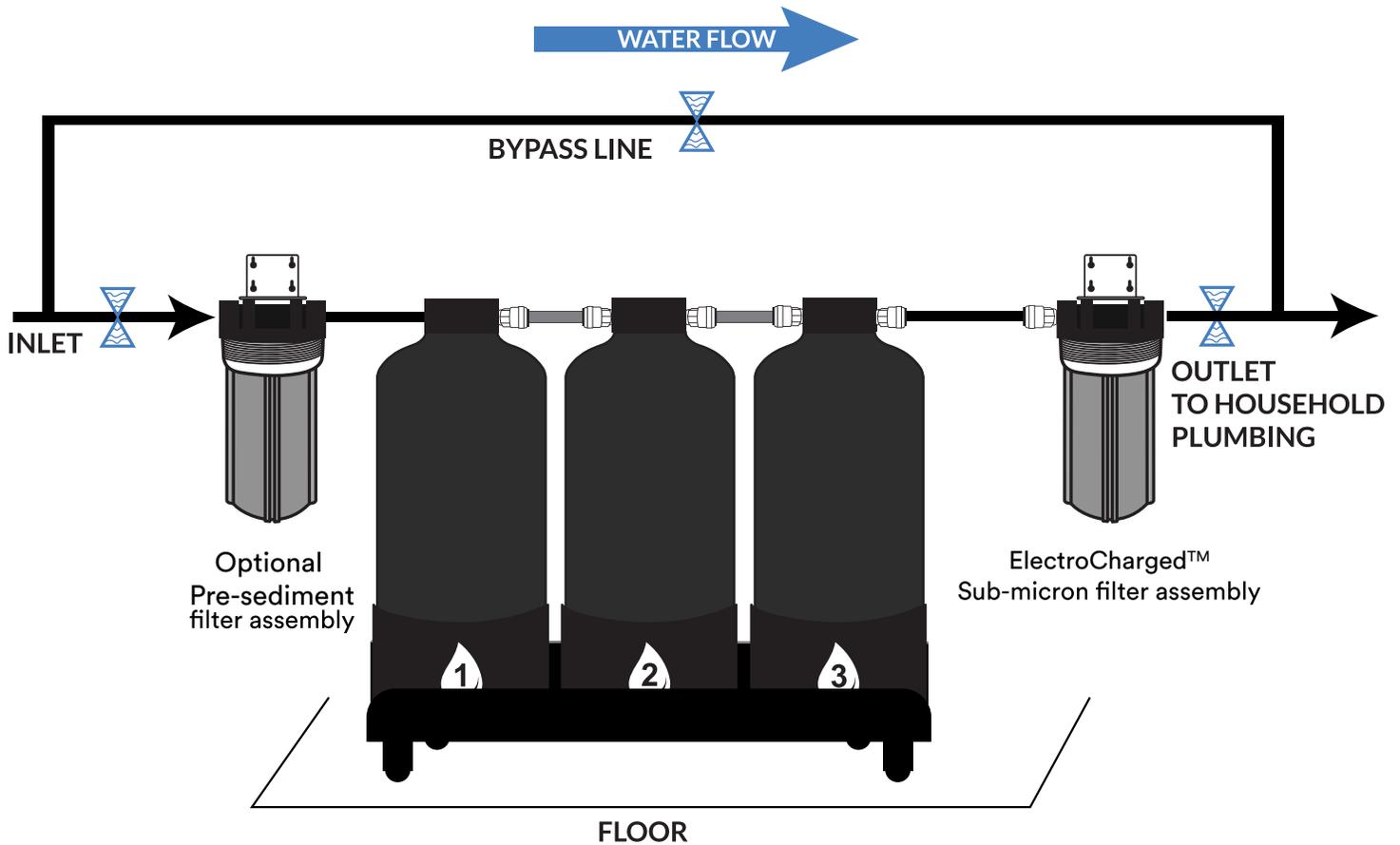
Depending on your specific water condition, **ProOne**® offers additional "Pre" or "Post" add-on optional filters. Please contact **ProOne**® Technical Support should you have questions about your specific needs.

Replacements:

Tanks #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) below

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 (16)**
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. 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. Tighten with supplied wrench.**
19. **IMPORTANT; SLOWLY** turn on water supply line and press red button on filter heads to release any air pressure.
20. Run system and inspect for any leaks.
21. 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 **SYSTEM**. 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 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

LIMITED ProHOME™ WARRANTY

Lincoln-Remi Group, LLC d/b/a ProOne® Water Filters ("PO") sells its products with the intent that they are free from defects. PO warrants to the original retail purchaser/consumer when purchased from an authorized ProOne® dealer, that its products will be free of defects in material and workmanship under normal use for the following periods beginning on the date of purchase: 5-year limited warranty on ProOne® HOME components only excluding the filter element or media, one (1) year for ElectroCharged™ Sub-micron filter element. PO will replace or repair any component in the ProHOME™ system, at its sole discretion, during the Warranty Period. PO does NOT cover any labor cost or return shipping outside of the repair and or replacement of parts that it deems defective. 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; or any other conditions whatsoever that are beyond the control of PO are excluded from this warranty. This express limited warranty shall be the sole and exclusive warranty. No warranty is given as to the service life of the filter media or any filter element as it will vary with water conditions and water consumption. **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 including labor and shipping whatsoever. The liability of PO is limited to the original retail purchaser and to the repair or replacement of defective components during the Warranty Period. No refunds will be given at any time. The liability of PO terminates upon the expiration of the Warranty Period or transfer of product ownership. To obtain warranty service on your ProOne® product, mail the product with your dated sales receipt as proof of purchase, postpaid, to the following address: ProOne, 1200 Benstein Rd, Commerce Twp, MI 48390. NO C.O. D's will be excepted. 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 state law for CA, IA and WI, ProOne® water filtration 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.

PURCHASE DATE: _____

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

ProHOME™

UCD-1002 Tank Quick Disconnect Installation (Optional Connectors)

The UCD-1002 is a quick disconnect connector setup to help make removing and replacing tanks 1, 2 and 3 with the ProHOME™ 3 tank systems **easier** – no plumber required (for tank replacement). Requires 1 setup for the inlet to tank 1 and one setup for the outlet on tank 3. Each UCD-1002 setup includes a PVC union coupler, 2-lead free brass fittings, 2-copper clamp rings and a piece of PEX tubing, fully assembled. Sold in pairs. Follow instructions for tank replacement in the ProHOME™ Installation Guide or see general information below.

Installation:

1. For a new system installation, follow system installation instructions.
2. Install one UCD into the inlet of tank 1 using Teflon tape
3. Plumb the water source line into the female side of the UCD-1002
4. Remove the quick connect on the outlet side of tank #3. Insert the male side of the other UCD using Teflon tape
SEE IMAGE BELOW.
5. Plumb the outlet side of the UCD-1002 to the ElectroCharged housing on the inlet side
6. Test for leaks upon completion of installation
7. For existing system, consult the instruction booklet for tank removal instructions.
8. Follow 2, 3, 4, 5, and 6 above

Tank Replacement:

1. Turn off main water supply line.
2. Turn on a faucet to drain water and release any pressure
3. Unscrew both UCD-1002 union couplers
4. Easily slide out OR remove tank(s) for replacement
5. Replace necessary tank(s)



UCD-1002 Inlet side of tank #1. Female end of the UCD-1002 goes to the water supply line.

UCD-1002 Outlet side of tank #3. Connect to the ElectroCharged™ housing.