



PLANET FRIENDLY®
Est. 1994

50 US States and Over 100 Countries Since 1994.

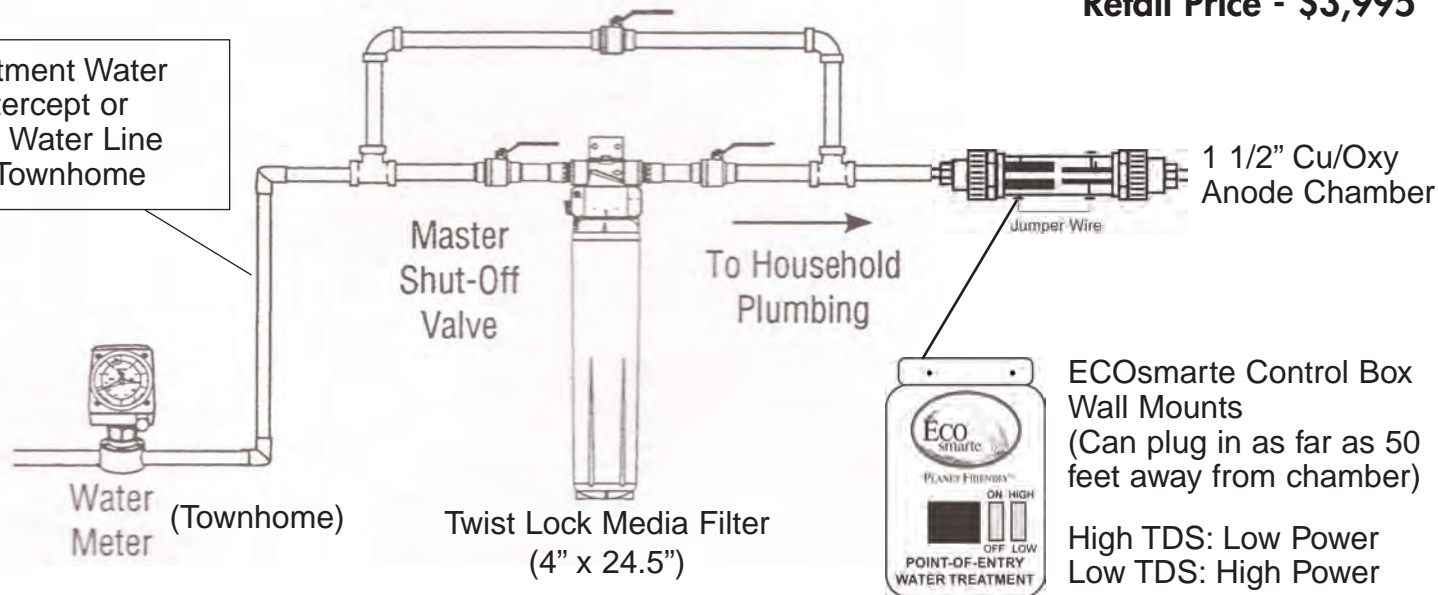
FULL RESIDENCE SYSTEM ZERO Backwash Whole House System

Townhome, Apartment, Yacht, RV's

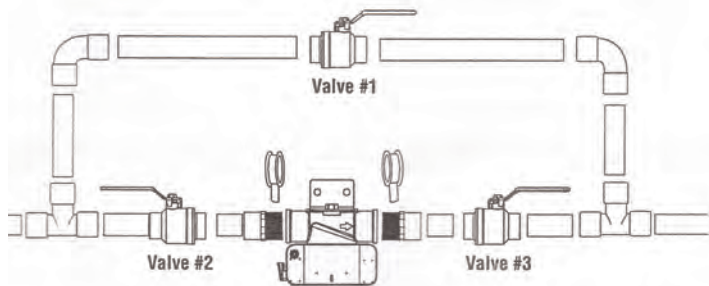
SERVICE FLOW: 12 GPM Flow Maximum

Retail Price - \$3,995

Apartment Water Intercept or Main Water Line for Townhome



Top View



ZERO BACKWASH MODEL

Filter Change-Out, Twist Lock
12 Months or 100,000 Gallons

1 ECOsmarte Copper/Oxygen Anode Chamber

- One pair of self-sacrificing copper plates to generate low level .1ppm to .2ppm copper to travel in the water from point-of-entry to point-of-use.
- One pair of titanium/platinum anodes to generate O₂ oxygen. The oxygen makes heavy metals bicarbonates and inorganic chemical gas by-products are eliminated.

1 ECOsmarte DC Voltage Control Box

- WQA GOLD SEAL listed component.
- A DC voltage controller that energizes only when water is flowing by communicating to the ECOsmarte Anode Chamber. The Control Box can be placed anywhere within 50 feet of the Anode Chamber by ordering DC voltage extensions (10 feet standard hook-up wiring).



NOTE: Municipal, Cistern or Recreational Vehicles Only.
Cistern and RV's Require Additional Chamber.

EPA EST# 083498-MN-001

1600 East 78th St. Richfield, MN 55423
(612) 866-1200 • (800) 466-7946 US, Canada, Mexico
www.ecosmarte.com
www.glasspackfilter.com



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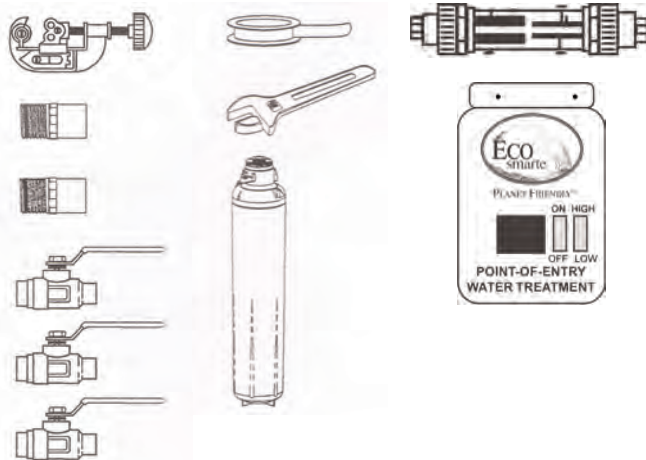
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PARTS & MATERIALS - NOT Included

- Only PVC cement & cleaner (No CPVC or ABS).
- 2" pipe wrench & 18" water pump pliers.
- Pipe cutter (copper) or hacksaw & sandpaper (cleaning end of pipe)
- Propane torch, flux, lead-free solder for copper required plumbing.
- 110V duplex outlet within 4 feet of electronics and 6 feet from electrode chamber or up to 50 feet if optional extensions are ordered.
- 10' roll plastic plumbers tape.
- Two 3/4", 1" or 1 1/4" PVC bushings to reduce ECOsmarte® electrode chamber at unions (1 1/2") to your pipe size.
- Check valve (if your Point-of-Entry installs within 20 pipe feet of water heater).
- Three (3) ball valves or shut-offs to isolate chamber for cleaning.
- Two 1" sweat connections.

PARTS & MATERIALS - Included

- 1 Copper/Titanium electrode chamber, 1 1/2" hub with NSF rated slip union.
- 1 ECOsmarte® Point-of-Entry electronics system (Control Box)
- Filter head and filter cartridge.
- 1 Warranty card with electrode referral offer.
- 1 Installation/Operating guide



OPTIONAL EQUIPMENT

- ECOsmarte® MTBE double oxy chamber option or add Cu bacteria control chamber for cistern applications.
- Extension wire for locating control box up to 50 feet from electrode chamber.
- Back up filter cartridge for all RV applications.

TECHNICAL SPECIFICATIONS

MECHANICAL & PLUMBING

Operating Press. Max 150 PSIG
Operation Temp. Max. 120° F
Tank listing and structural integrity requirements only.

OXYGEN ELECTRODES

Proprietary Composite Material

ELECTRICAL

Input Voltage: 110V / 220V / 240V
Output Voltage: 30 VA Class UL CSA
Compliance Power Supply
CE Approved

IONIZATION ELECTRODES

100% Pure Copper



ECOsmarte's Electronic Box and Anode Chamber are Rated to NSF Std 61 by the Water Quality Association.

Do not install if water pressure exceeds 100 psi (689 kPa).

If your water pressure exceeds 80 psi (552 kPa) you must install a pressure limiting valve.

MAINTENANCE ISSUES

- Copper/Titanium electrode chamber needs annual cleaning.
- Filter change-out: 12 months or 100,000 gallons (380,000 liters) whichever occurs first.

REPLACEMENT PART

- ECO-ZB

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ZERO:SALT ZERO:CHLORINE

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