

ECR 3502R50S

ECOWATER SERIES • WATER CONDITIONER



Designed, Engineered &
Assembled in the U.S.A.

Patented Exclusive Features

- Electronics
- Design
- Coated Disc Valve
- Salt Level Monitor
- Remote Monitoring

The Latest Technology for Water Treatment

- 1 Bypass Valve (optional)**
Brass-free and lead-free bypass valve lets you manually bypass the system.
- 2 Patented Electronics**
Sophisticated, yet easy-to-use electronics capture historical usage patterns to predict future needs for precise regenerations.
- 3 Full One-Inch Riser**
One-inch diameter for increased flow rates, which ensures that household demand is adequately met.
- 4 Multi-Wrap Fiberglass Reinforced Resin Tank with Lifetime Warranty**
Durable fiberglass wrapped tank liner – does not deteriorate, rust, or corrode.
- 5 Self-Cleaning Distributors**
Distributors exhibit excellent flow rates and are cleaned automatically by counter-current water pressure.
- 6 Positive-Action Brine Valve**
Snap-together construction eliminates use of solvents that may contaminate water. Positive action helps prevent overfilling.
- 7 Washed Quartz Underbedding**
Superior to gravel underbedding, washed quartz is harder and does not break down, eliminating the possibility of hardness minerals being added to the water. Helps provide a cleaner, more thorough regeneration of the resin.

Patented Six/Eight-Cycle Valve with Easy-Clamp Ring and Patented Coated Discs

Energy Efficient Power Supply

Barium and Radium

This conditioner has been tested and certified by NSF International against NSF/ANSI Standard 44 for the reduction of Barium and Radium 226/228.

Monitoring Options:

- Patented HydroLink® Remote – Two-way remote monitor technology
- HydroLink Plus® – Wi-Fi web-based technology

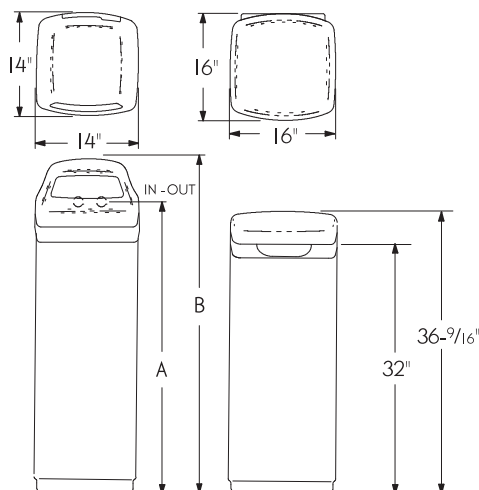


Clean water.
Green future.®

ECOWATER.CA

ECR 3502R50S

DIMENSIONS



ECR 3502R50S	
Nominal Resin Tank Size	12" Dia. x 54"
A	57.1"
B	62.2"



SPECIFICATIONS

ECR 3502R50S

Efficiency (gr./lb. @ min. lb. salt dose)	4,800 @ 4.5
Hardness Capacity (gr. @ max. lb. salt dose)	50,000 @ 17.4
Certified Flow Rate (gpm @ psi) ¹	20 @ 13
Intermittent Flow Rate (gpm @ psi) ²	32 @ 30
Amount of Resin (cu. ft.)	1.53
Maximum Water Hardness (grains per gallon)	95
Maximum Clear Water Iron (ppm-Fe) ³	15
Approximate Water Used Each Regeneration (gal.) ⁴	95
Quartz Gravel Base (lbs.)	17
Salt Storage Capacity (lbs.)	300
Supply Water Pressure Limits (psi) ⁵	20 – 125
Supply Water Temperature Limits (°F)	40 – 120
Ambient Temperature Range (°F)	35 – 150
Plumbing Connection Provided (inches)	1 to 1½
Electrical Rating (transformer provided)	24V-50/60Hz

¹Not to exceed 15 psi pressure loss.

²Intermittent flow rate does not represent the maximum service flow rate used for determining the conditioner's rated capacity and efficiency. Continuous operation at flow rates greater than the certified flow rate may affect capacity and efficiency performance. The validity of this flow rate is verified by NSF.

³Increased amounts of clear water iron can reduce conditioners efficiency. Refer to owner's manual for details. Wisconsin requires additional treatment if water supply contains greater than 5 ppm clear water iron.

⁴When operated at 35 psi water pressure

⁵Maximum pressure for Canadian use is 7.0 Kg/cm²



A Marmon Water/Berkshire Hathaway Company



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Your Authorized EcoWater Dealer:

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