

ECOWATER
SYSTEMS®



Your Water. Perfected.™

Let us

Perfect

your water and

Maximize

your peace of mind.

ESD 500

ECOWATER SERIES WATER SOFTENER

The Latest Technology for Water Treatment

- 1 Patented Electronics Digital Demand Module**
Sophisticated, yet easy-to-use electronics capture historical usage patterns to predict future needs for precise regenerations.

Time Keeper

Permanent program memory with capacitor-backed time retention. Maintains time for at least 6 hours in case of power loss.

- 2 Multi-Wrap Fiberglass Reinforced Resin Tank**
Durable tank liner will not deteriorate, rust, or corrode.

- 3 Self-Cleaning Distributors**

Distributors exhibit excellent flow rates and are cleaned automatically by counter-current water pressure.

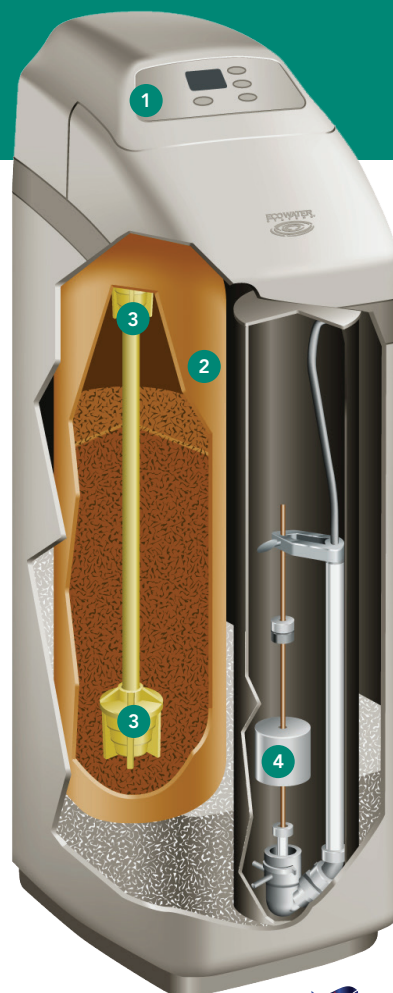
- 4 Positive-Action Brine Valve**

Snap-together construction eliminates use of solvents that may contaminate water. Positive action helps prevent overfilling.

Automatic Bypass During Regeneration Means Continuous Water Usage

Energy Efficient Power Supply

Simplifies installation, maintenance and reduces electrical hazards.



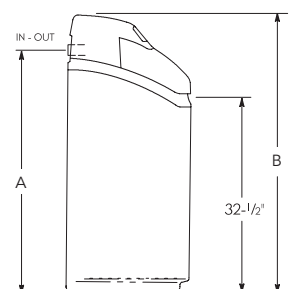
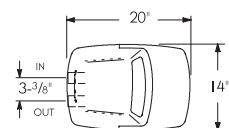
Designed, Engineered &
Assembled in the U.S.A.

ecowater.ca

ESD 500

ECOWATER SERIES WATER SOFTENER

DIMENSIONS



	ESD 518	ESD 525
Nominal Resin Tank Size	8" Diam. x 35"	10" Diam. x 35"
A	38-1/8"	39-1/2"
B	45"	45-1/8"

SPECIFICATIONS

	ESD 518	ESD 525
Efficiency (gr./lb. @ min. lb. salt dose)	5,030 @ 2.0	4,360 @ 3.4
Hardness Capacity (gr. @ max. lb. salt dose)	25,600 @ 10.7	33,000 @ 18.2
Certified Flow Rate (gpm @ psi)	5 @ 7.7	6 @ 8.0
Intermittent Flow Rate (gpm @ psi) ¹	7.5 @ 15	9 @ 15
Intermittent Flow Rate (gpm @ psi) ¹	11.3 @ 30	13.8 @ 30
Amount of Resin (cu. ft.)	0.67	0.9
Maximum Water Hardness (gpg @ 500 gpd water usage)	50	95
Maximum Clear Water Iron (ppm-Fe) ²	3	9
Approximate Water Used Each Regeneration (gal.) ³	29	42
Salt Storage Capacity (lbs.)	225	200
Supply Water Pressure Limits (psi) ⁴	20 – 125	20 – 125
Supply Water Temperature Limits (°F)	40 – 120	40 – 120
Ambient Temperature Range (°F)	35 – 150	35 – 150
Plumbing Connection Provided (inches)	3/4 and 1	3/4 and 1
Electrical Requirement, 120V, 50/60Hz, (28V DC, 350 mA, power supply included)		

¹Intermittent flow rate does not represent the maximum service flow rate used for determining the softener'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 these flow rates is verified by NSF. ²Increased amounts of clear water iron can reduce softener's efficiency. Refer to owner's manual for details. Wisconsin requires additional treatment if water supply contains greater than 5 ppm clear water iron. ³When operated at 35 psi water pressure. ⁴Maximum pressure for Canadian use is 7.0 Kg/cm².



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