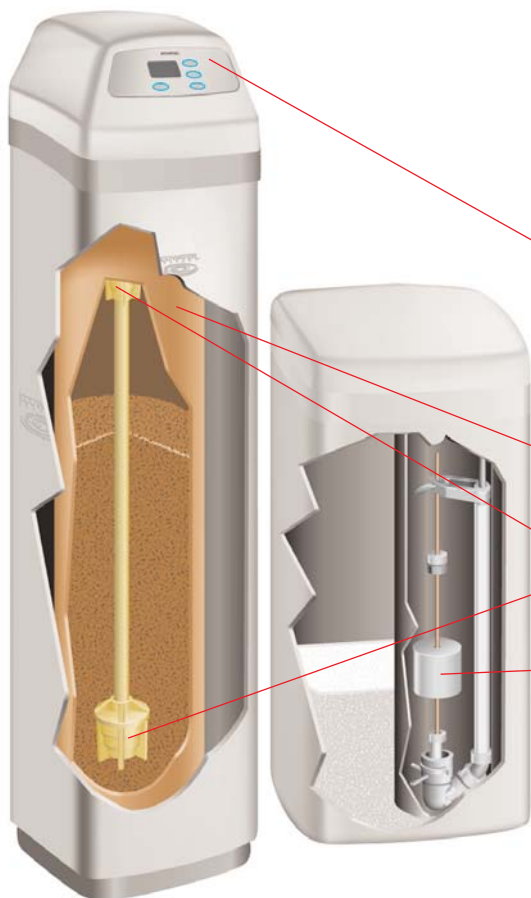


ESD 2500

ECOWATER SERIES • WATER SOFTENER

It's That Good.®

**Enjoy Clean, Softened
Water Throughout Your Home**



Bypass Valve (optional)

Brass-free and lead-free bypass valve lets you manually bypass the system.

Patented Electronic Digital Demand Module

Solid-state electronics record usage patterns and control regeneration frequency based on predicted needs. Full menu-driven options.

Time Keeper

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

Multi-Wrap Fiberglass Reinforced Resin Tank

Underwriters Laboratories listed tank liner with a fiberglass wrapped exterior for strength. Doesn't deteriorate, rust, or corrode.

Self-Cleaning Distributors

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

Positive-Action Brine Valve

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

24-Volt Transformer

Simplifies installation, maintenance and reduces electrical hazards.

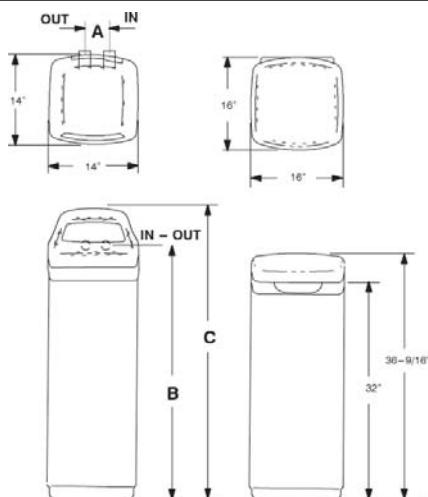
Automatic Bypass During Regeneration Means Continuous Water Usage



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ESD 2500

DIMENSIONS



	ESD2502R30	ESD2502R39
Nominal Resin Tank Size	8" Dia. x 40"	10" Dia. x 47"
A	3-3/8"	3-3/8"
B	41.6"	49.8"
C	48.75"	56.6"



SPECIFICATIONS

	ESD2502R30	ESD2502R39
Efficiency (gr./lb. @ min. lb. salt dose)	5070 @ 2.4	5030 @ 2.4
Hardness Capacity (gr. @ max. lb. salt dose)	30,600 @ 12.6	40,200 @ 15.4
Certified Flow Rate (gpm @ psi)	7.8 @ 15	7 @ 6
Intermittent Flow Rate (gpm @ psi) ¹	7.8 @ 15	13.3 @ 15
Intermittent Flow Rate (gpm @ psi) ¹	12.2 @ 30	16.3 @ 30
Maximum Clear Water Iron (ppm-Fe) ²	8	11
Average Water Used Each Regeneration (gal.) ³	31	40
Supply Water Pressure Limits (psi) ³	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"	1"
Electrical Rating (transformer provided)	24V-50/60Hz	24V-50/60Hz

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.

²Increased amounts of clear water iron can reduce softeners efficiency. Refer to owner's manual for details.

³Maximum pressure for Canadian use is 7.0 Kg/cm²



EcoWater Canada Ltd.
5240 Bradco Blvd.
Mississauga, Ontario
Canada L4W 1G7

EcoWater Systems, LLC.
P.O. Box 64420
St. Paul, MN 55164-0420
www.ecowater.com

EcoWater Systems Ltd.
#1 Independent Bus. Pk. Mill Rd.
Stokenchurch, Bucks
United Kingdom HP14 3TP

EcoWater Systems Europe N.V.
Geelseweg 56
2250 Olen
Belgium



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