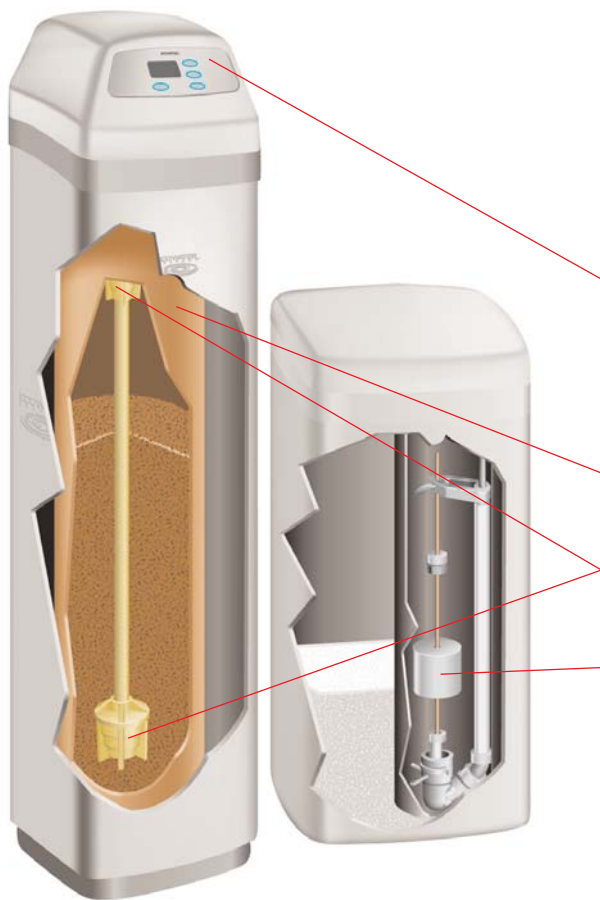


# ESD 2500

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



ECOWATER  
SYSTEMS®

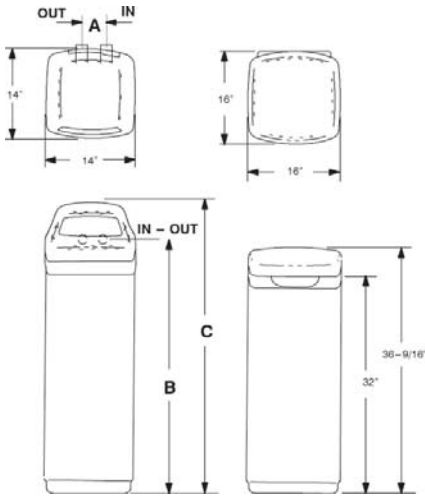


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# ESD 2500

## 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) <sup>1</sup>	7.8 @ 15	13.3 @ 15
Intermittent Flow Rate (gpm @ psi) <sup>1</sup>	12.2 @ 30	16.3 @ 30
Maximum Clear Water Iron (ppm-Fe) <sup>2</sup>	8	11
Average Water Used Each Regeneration (gal.) <sup>3</sup>	31	40
Supply Water Pressure Limits (psi) <sup>3</sup>	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

<sup>1</sup>Intermittent 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.

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

<sup>3</sup>Maximum pressure for Canadian use is 7.0 Kg/cm<sup>2</sup>



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