

ESM Series

ECOWATER SERIES • WATER SOFTENING SYSTEMS



Compact Water Treatment Systems

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.

Full One-Inch Riser

One-inch diameter for increased flow rates, which ensures that household demand is adequately met.

Multi-Wrap Fiberglass Reinforced Resin Tank with Lifetime Warranty

Durable 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.

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

Patented HydroLink® Remote Kit (optional)

Two-way remote technology that makes it possible to control and monitor the ESM Series water conditioner from anywhere in the home.

Energy Efficient 24-Volt Transformer (optional)



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



(OPTIONAL)
HYDROLINK® REMOTE



Tested to comply with FCC Standards IC3590A-7695.

Patented Exclusive Features

- Coated Disc Valve
- Electronics
- Design
- HydroLink® Remote
- Salt Level Monitor

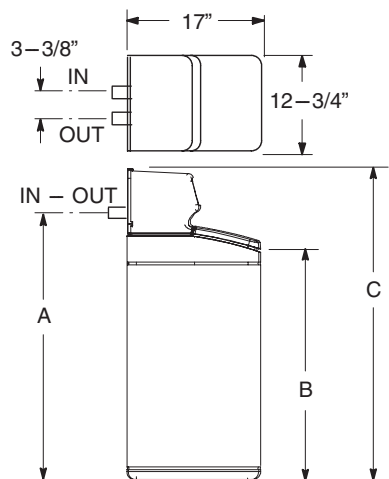


Clean water.
Green future.™

ECOWATER.COM

ESM Series

DIMENSIONS



	ESM9	ESM11	ESM15
Nominal Resin Tank Size	9" Dia. 14"	8" Dia. x 19"	8" Dia. x 25"
A	16.3"	22"	27.6"
B	11.5"	16.3"	23"
C	21.7"	26.3"	33"

SPECIFICATIONS

	ESM9	ESM11	ESM15
Efficiency (gr./lb. @ min. lb. salt dose)	3370 @ 0.9	3370 @ 1.07	4700 @ 1.5
Hardness Capacity (gr. @ max. lb. salt dose)	6750 @ 3.8	8060 @ 4.5	15900 @ 8.3
Flow Rate (gpm @ psi)	4 @ 4	4 @ 6	6 @ 9.9
Intermittent Flow Rate (gpm @ psi) ¹	8.4 @ 30	8.0 @ 15	7.7 @ 15
Intermittent Flow Rate (gpm @ psi) ¹	12.3 @ 30	13.1 @ 30	11.5 @ 30
Resin Bed (lbs.)	16	19	27
Maximum Water Hardness (grains per gallon)	16	18	29
Maximum Clear Water Iron (ppm-Fe) ²	3	3	4
Approximate Water Used Each Regeneration (gal.) ³	14	14	17
Salt Storage Capacity (lbs.)	42	42	55
Supply Water Pressure Limits (psi) ⁴	20 – 125	20 – 125	20 – 125
Supply Water Temperature Limits (°F)	40 – 120	40 – 120	40 – 120
Ambient Temperature Range (°F)	35 – 150	35 – 150	35 – 150
Plumbing Connection Provided (inches)	3/4	3/4	3/4
Electrical Rating (optional transformer)	24V-50/60Hz	24V-50/60Hz	24V-50/60Hz

¹Intermittent 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 flow rate may affect capacity and efficiency performance.

²Increased 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.

³At minimum salt dose.

⁴Maximum pressure for Canadian use is 7.0 Kg/cm²



A Marmon Water/Berkshire Hathaway Company



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