

# *EV1 & EV2 } Evolve Series®*

## *The Solution to Hardness, Iron, Manganese and pH Correction*

Evolve Series® EV1 and EV2 water conditioners effectively treat harsh water conditions of all kinds. Now you can efficiently remove hardness, iron and manganese in just a single pass — and adjust low pH levels at the same time. Just one unit ... with no chemicals or add-ons.

These evolutionary systems come equipped with an integrated chlorine generator that produces a small amount of chlorine to sanitize the media bed with each regeneration. This chlorine effectively kills iron and sulfur bacteria — the same bacteria that produces unwanted tastes and odors. Both the EV1 and EV2 utilize exclusive Crystal-Right medias for optimum performance over a broad range of water quality issues.

### **Evolve Series EV1**

- Utilizes Crystal-Right™ CR-100 Silica Crystals
- Removes hardness, iron, manganese
- Raises low pH

### **Evolve Series EV2**

- Utilizes Crystal-Right™ CR-200 Silica Crystals
- Removes hardness, iron and manganese

Like all Evolve Series models, the EV1 and EV2 boasts the *IQ Controller™* valve system which offers advanced levels of programming and diagnostics. The result is the best overall water quality, provided with the utmost efficiency, for your household.

**Evolve®**  
Series



# EV1 & EV2 } Evolve Series®

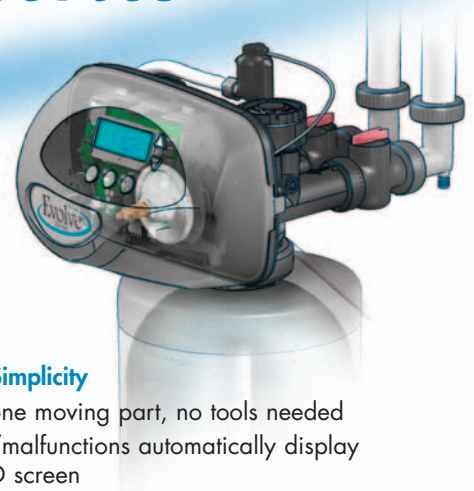


## The Crystal-Right™ Media Advantage

Unlike ordinary resins used in conventional softeners, these irregularly-shaped medias provide superior ion exchange and a better bed for filtering. Because they are impervious to chlorine, they can withstand the free chlorine needed to kill iron and sulfur bacteria. This is the bacteria that can produce foul smells and tastes, and discolors household fixtures.

## The Evolve Series IQ Controller™ valve system is revolutionary in design.

*With advanced microprocessor-based intelligence, it's like having a water treatment technician right inside the unit.*



### Large LCD Screen

- Communicates system status at a glance
- Easy-to-use programming interface
- Displays dealer name and phone number when service is needed
- Displays water usage and system history

### "Low/No Salt" Alarms

- Visual/audible alarms alert when no salt is present
- Helps ensure media bed is sanitized and water is optimized for quality

### Battery Backup

- System history remains safe, even during a power outage
- Maintains time of day — 10-year shelf life

### 1" Fully-Ported Valve Design

- High flow rates help sustain household water pressure, even with multiple users

### Service Simplicity

- Only one moving part, no tools needed
- Issues/malfunctons automatically display on LCD screen

### Water and Salt Saving Smarts

- Predicts daily water needs based on past usage, so you won't run short of treated water
- Water usage is metered and "remembered" — eliminates unnecessary regenerations that consume salt and water
- Vacation mode — easy to set, saves salt and water
- Self-adjusts for over-capacity usage

### Versatile Cycle Sequencing

- Microprocessor-based control — the smart way to customize system performance to properly treat all water challenges

MODEL		EV1-1044	EV1-1054	EV1-1354	EV2-1044	EV2-1054	EV2-1354
¹Capacity: (Grains/Lbs. NaCl)	Maximum	11,800 @ 12.4	22,600 @ 15.9	36,900 @ 21.2	20,300 @ 12.4	34,800 @ 15.9	60,300 @ 26.5
	Medium	11,400 @ 9.3	20,700 @ 12.4	33,600 @ 15.9	19,100 @ 9.3	32,000 @ 12.4	48,300 @ 15.9
	Minimum	7,300 @ 3.2	16,400 @ 6.1	28,300 @ 9.5	11,100 @ 3.2	22,900 @ 6.1	28,200 @ 9.3
Amount of Media (Cu. Ft.)		1.0	1.5	2.5	1.0	1.5	2.5
Maximum Water Hardness (GPG)		20	30	40	40	60	80
²Maximum Iron (PPM)		8.0	10.0	15.0	8.0	10.0	15.0
³Minimum pH Required		6.5	6.0	6.0	7.0	7.0	7.0
⁴Total pH Adjusted Water at Continuous Flows		510	510	863	NA	NA	NA
⁵Peak Flow Rate (GPM @ P-PSI)		19.0 @ 8.3	17.0 @ 7.8	19.0 @ 7.6	19.0 @ 9.3	17.0 @ 9.1	19.0 @ 8.6
Continuous Flow Rate (GPM @ P-PSI)		9.0 @ 2.4	9.0 @ 2.8	9.0 @ 2.7	9.0 @ 3.0	8.0 @ 3.7	9.0 @ 2.8
Water Pressure Range (PSI)		25-100	25-100	25-100	25-100	25-100	25-100
Water Temp. (°F)		33-100	33-100	33-100	33-100	33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60	110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"	1"	1"	1"
Total Dimensions:	Media Tank	10"W x 52"H	10"W x 62"H	13"W x 62"H	10"W x 52"H	10"W x 62"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 40"H	18"W x 33"H	18"W x 33"H	18"W x 40"H

¹ All Evolve water conditioners are factory preset at medium salting. Note: influent waters must be at least 3 GPG hardness and 80 TDS. A calcite or corosex unit may be needed for correct operation.

² Iron removal may vary depending on form of iron, pH and other local conditions. On waters that are pre-chlorinated, or where other pre-oxidation occurs, an iron precipitate can form that is too small to be filtered.

³ The pH listed is the minimum for the influent water.

⁴ This is the minimum number of gallons at the continuous flow rate corrected to a 7 pH. The actual amount of pH adjusted water may be greater.

⁵ Unit not tested for capacity at these peak flow rates. Water quality may vary.

Your local authorized Evolve dealer:



Manufactured exclusively for Evolve Series Dealers at 1900 Prospect Court, Appleton, WI 54914  
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