



## Softener Series

### The most versatile and efficient salt softeners for residential use.

- World-class EWS quality and performance.
- Trusted by hospitals, health care centers, military, and hundreds of thousands of private homes worldwide.
- Inhibits hard water build-up in pipes and on surfaces.
- Hassle-free and low maintenance.
- Quick and easy install, just like a water heater.
- Made in the USA, meets or exceeds all compliances.

#### SALT (SODIUM OR POTASSIUM CHLORIDE) SOFTENING:

*If you have had a softener before and prefer the “slippery feeling” and the perceived benefits of softened water, this system option may be best for you. Be aware that softeners strictly soften the water and are **not** filtration systems. The softening process (ion exchange) substitutes or exchanges the naturally found calcium and magnesium minerals for sodium or potassium chloride (salts).*



RT1035  
(Cabinet Style for Limited Use or Hot Side Only)

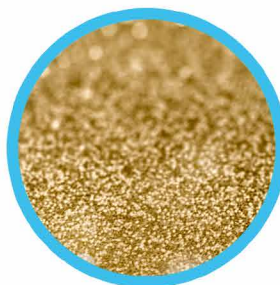
TT1354  
(For Larger Capacity, Line Size or Usage)

TT1054  
(Bestseller)



#### LATEST TECHNOLOGY.

All EWS Softener Series salt softeners have digital metered valves and easy-to-use, advanced Touch Screen Valve technology.



#### HIGHEST QUALITY.

Chlorine-resistant resin, integrated bypass for easier install, and highest flow rates of any softeners – up to 28 gallons per minute. Enjoy consistent, softened water.



#### LESS WASTE.

Our Softener Series uses variable upflow brining which regenerates automatically only when you need it, which saves salt and gallons of brine discharge. Our softeners can be used with either sodium or potassium chloride.



#### HELP FOR HARD WATER.

The Softener Series inhibits scale build-up in pipes and water heaters, makes it easier to wipe off water spots, and enables you to use less soap. **For hard water help without salt, see EWS Series Whole Home Filtration and Conditioning.**

# TECHNICAL INFORMATION

## SOFTENER SERIES

MODEL #s: RT1035, TT1054, TT1354

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Install in cold water supply only. Install in compliance with local and state regulations. All installation instructions, service manuals, technical and product information is available online at [www.EWSWATER.com](http://www.EWSWATER.com)

MODEL #	REPLACEMENT RESIN ITEM #
RT1035	RESIN1.0 (KIT)
TT1054	RESIN1.5 (KIT)
TT1354	RESIN2.5 (KIT)

Fully Compliant with California No-Lead Standards.

Independently lab-tested to meet or exceed NSF/ANSI Standard 61 and 44.

**WARNING:** Restrictions may apply to softener usage and brine discharge. Never drain outside to plants, pool or property. Brine discharge may be harmful to septic systems. Softeners may void warranties on fixtures and finishes, pools, spas, appliances, and certain household and commercial devices (check with manufacturer information).

### SYSTEM SPECIFICATIONS

<b>RT1035</b>	1.0 CUBIC FEET RESIN (33 LBS.)	Specify based on softer water, hot side application and/or limited usage.
<b>TT1054</b>	1.5 CUBIC FEET RESIN (50 LBS.)	Most common system for households of 5 or less people, with water hardness of 25 grains or less.
<b>TT1354</b>	2.5 CUBIC FEET RESIN (83 LBS.)	Larger system recommended for households of 5 or more people, 25 grains of hardness or more.

**NOTE:** If the home or facility typically uses more than 400 gallons of water per day, the TT1354 is the proper system based on that usage.

**PURPOSE:** Ion-exchange of calcium and magnesium minerals for salts (either sodium or potassium chloride).

**FEATURES & BENEFITS:** Not a filtration system, strictly a softener to inhibit issues associated with hard water.

**CONSTRUCTION:** Meets FDA requirements for all food and beverage contact.

**SERVICE LIFE:** 10 years<sup>†</sup>      **MAX. FLOW:** 28 GPM / 105.9 LPM      **MAX. PRESSURE:** 75 PSIG / 8.6 Bar      **TEMP. RANGE:** 40-100° F / 4-38° C

<sup>†</sup>Resin service life is based on local water conditions and usage.

### SYSTEM SIZES & WEIGHTS

<b>RT1035</b>	CABINET SIZE: 12" W X 24"D X 47" H	WEIGHT: 60 lbs. dry	
<b>TT1054</b>	TANK SIZE: 10"W X 67"H	WEIGHT: 105 lbs. dry	BRINE TANK SIZE: 18" X 34"H , 15 lbs. before 300 lbs salt capacity <sup>2</sup>
<b>TT1354</b>	TANK SIZE: 13"W X 67"H	WEIGHT: 140 lbs. dry	BRINE TANK SIZE: 18" X 34"H , 15 lbs. before 300 lbs salt capacity <sup>2</sup>

<sup>2</sup>Recommended salt use in your softener is sodium chloride. See Potassium Chloride Caution for more info.

### 3 BEST WAYS TO PROTECT YOUR WATER HEATER

**1. EWS FILTRATION + CONDITIONING SERIES.** Inhibits scale formation and filters all the water to the entire home. The benefits to the home, heater, appliances, fixtures and finishes is nothing compared to the health benefits of bathing, steam, showering and using filtered water for all purposes for the family. No longer is the home subject to the side-effects and corrosiveness of chlorine, chloramine, VOCs, THMs, and much more and no longer does the family have to drink, inhale and absorb those same chemicals.

**2. HEATER GUARD.** Protects water heaters at the inlet. For additional protection and benefits, combine with an EWS system, it is the perfect application for healthy, hassle-free water to the whole home with water heater protection.

**3. SOFTENER.** Will inhibit scale formation, however, the water becomes aggressive and may have long-term corrosive effects on your water heater. If the homeowner prefers that slippery feeling or insists on a softener usage for water spotting than this is the system for them. Combine with an EWS system at the main line for whole home filtration and the softener after or on the inlet to the heater for hot water only for the best of both worlds for that customer.



### POTASSIUM CHLORIDE CAUTION:

This is **NOT** a no-salt alternative – it is another salt. It is more expensive, it still creates brine discharge and oxygen starving algae blooms in water, and there is a physician's warning on the bag just like sodium chloride. Potassium chloride may clog brine injectors sooner and more frequently and can create more bricking of the brine tank than sodium chloride. We suggest using sodium chloride in your salt softener.

### SALT SOFTENER CAUTION:

The average softener purchased from a local water dealer or inexpensive softener purchased from a big box retailer will discharge up to 2-3 x more water vs. the EWS softener systems and will use 2x more salt vs. the EWS softener systems. Save water, lessen your environmental impact, and save money by switching to EWS.



CALL EWS CUSTOMER SERVICE: 702-256-8182 (MONDAY-FRIDAY 8 AM-4.30 PM PACIFIC TIME)  
FAX: 702.256.3744 EMAIL: [CUSTOMERSERVICE@EWSWATER.COM](mailto:CUSTOMERSERVICE@EWSWATER.COM)



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