



EXPERT SERIES RC SOFTENERS



Advanced technology blended with operating simplicity

Utilizing dual-chamber technology, our A.O. Smith® Expert RC unit combines the power of two medias in one tank. The high-performance resin media and activated carbon configuration filter and soften your water in a single unit.

The A.O. Smith Expert RC not only reduces hardness, it also handles common taste and odor problems, such as chlorine, associated with city water. The advanced, patented technology equipped in the controller also keeps your system running at maximum efficiency. Paired with our patented Water Efficient Technology®, the A. O. Smith Expert RC softener can offer the most efficient system on the market today.

The system is designed to be environmentally-friendly while safeguarding your household plumbing, appliances, improving taste and eliminating unwanted odors. This combination makes a good, quality water for every day living.

Efficiency is in the details.

Water Efficient Technology (W.E.T.) is a breakthrough in water treatment. W.E.T. is a series of patented features designed to reduce the amount of water and salt used.

- Saves Water
- Reduces Salt Used

(Save up to 50% during regenerations)



A. O. SMITH EXPERT SERIES RC SOFTENERS



1 Exclusive Technology

- Deep cleaning regeneration only when necessary
- Exclusive features ensures consistent water quality
- Vacation Mode prevents unnecessary regenerations
- Only one internal moving part for easy maintenance
- Battery back-up
- **Equipped with W.E.T.**
 - Proportional Brining: uses less salt (Available on Upflow Units Only)
 - Proportional Regeneration: uses less water
 - Alternate Regeneration: keeps the system running at peak performance
 - Salt Monitor: triggers alarm when salt levels are low
 - Savings History Screen: shows how much it saves



2 Patented Chlorine Generator

- Ability to self-clean unit
- Monitors every cleaning

3 Activated Carbon

- Filters unwanted tastes and odor
- Reduces chlorine from municipal water

4 High-Performance Resin

- Powerful and durable media
- Reduces the minerals that cause hard water
- Undergoes rigorous quality control testing

5 Low-Maintenance Brine Tank

- Built-in safety float
- Heavy duty, corrosion-free material
- Fills with soft water which reduces cleaning
- Dry salt storage



MADE IN THE USA

MODEL		AOERC-1054(U) ¹	AOERC-1354(U) ¹
² Capacity: (Grains/Lbs. NaCl)	Maximum	32,000 @ 15.0	48,800 @ 21.0
	Medium	28,400 @ 9.0	44,400 @ 15.0
	Minimum	23,600 @ 6.0	35,400 @ 9.0
Amount of Resin Media (Cu. Ft.)		1.0	1.5
Amount of Carbon Media (Cu. Ft.)		.5	1.0
Maximum Water Hardness (GPG)		75	100
³ Maximum Iron (PPM)		1.0	1.0
⁴ Peak Flow Rate (GPM @ P-PSI)		15.6 @ 15.0	20.4 @ 15.0
Continuous Flow Rate (GPM @ P-PSI)		9.7 @ 7.5	13.2 @ 7.5
Water Pressure Range (PSI) 25-100		25-100	25-100
Water Temp. (°F)		33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60
Pipe Size		1"	1"
Total Dimensions:	Media Tank and Valve	10"W x 62"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 40"H

¹ Upflow units are indicated by a "U" after the model number. i.e. AOERC-1054U

² All A. O. Smith Precision RC water softeners are factory preset at medium salting.

³ 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.

⁴ Unit not tested for capacity at these peak flow rates. Water quality may vary.

Your local water treatment professional: