A.O. Smith®

CONDITIONER SERIES

We are dedicated to making your water good for life

Water is an essential part of your life. Better water means a more efficient home. Whether your water is supplied from the city or a private well, your water problems might include:

- Rust colored stains
- Build-up and scale
- Blue and green stains
- Corrosion damage
- Foul odor and taste

A.O. Smith® conditioners include patented self-monitoring technology that cleans your system as well as the advanced IQ2 controller valve. They also contain exclusive Crystal-Right™ media to soften water, filter iron and manganese, and raise the pH of acidic water. When combined with our exclusive chlorine generator*, your media is cleaned with each regeneration, providing fresh, delicious water to your home.

These features working together make a smart, convenient water treatment system. The result is better water for you and your family.

Effective filtering with advanced media.

CRYSTAL RIGHT™

Crystal-Right™ medias are efficient at eliminating problem minerals such as iron and manganese. They also have a high tolerance for the chlorine used to keep your system clean all while softening your water. This durable, innovative media is engineered to build a system that is perfect for your home.

Our chlorine generator is not intended for treating non-potable water.

MADE IN THE USA

A.O. Smith

SPECIALIZED WATER SOLUTIONS

A. O. SMITH CONDITIONER SERIES

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
- Monitored and recorded water usage history

2 Patented Chlorine Generator

- Self-chlorinates
- Monitors every cleaning

3 Exclusive Crystal-Right™ media

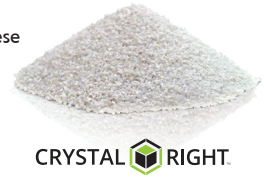
- Silica-based crystal media
- Tough enough to deliver the highest quality water
- Rigorous quality control process for testing the media
- Unique shape designed for superior filtration

AOC1 Models:

- Equipped with CR-100 media
- Reduces hardness, iron, manganese
- Raises low pH

AOC2 Models:

- Equipped with CR-200 media
- Reduces higher amounts of hardness, iron, manganese



4 Quartz Underbedding

- Delivers high and consistent flow rates
- Provides accurate and efficient cleaning process

5 Low-Maintenance Brine Tank

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

MODEL		AOC1-1044	AOC1-1054	AOC1-1354	AOC2-1044	AOC2-1054	AOC2-1354
[1]Capacity: (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
[2]Maximum Iron and Manganese (PPM)		8.0	10.0	15.0	8.0	10.0	15.0
[3]Minimum pH		6.5	6.0	6.0	7.0	7.0	7.0
[4]Total pH Adjusted Water		510	510	863	NA	NA	NA
[5]Peak 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 A.O. Smith water conditioners are factory set 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] Combined iron and manganese removal varies depending on the form of iron, manganese, pH and other local conditions. On waters that are pre-chlorinated or where other pre-oxidation occurs, precipitated metal oxides may form that are too fine to be filtered.

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

[4] Optimum pH adjustment occurs at 3.0 gpm or less at maximum salt settings. Higher flow rates will produce less pH adjusted water.

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

Your local water treatment professional: