Water Conditioner Series

AOC1 Specifications

MODEL		AOC1-1044	AOC1-1054	AOC1-1354
[1]Capacity:* (Grains/Lbs. NaCl)	Minimum	7,300 @ 3.2	16,400 @ 6.1	28,300 @ 9.5
	Medium	11,400 @ 9.3	20,700 @ 12.4	33,600 @ 15.9
	Maximum	11,800 @ 12.4	22,600 @ 15.9	36,900 @ 21.2
Amount of Media (Cu.Ft.)		1.0	1.5	2.5
Maximum Water Hardness (GPG)		20	30	40
[2]Maximum Iron and Manganese (PPM)		8.0	10.0	15.0
[3]Minimum pH		6.5	6.0	6.0
[4]Total pH Adjusted Water		510	510	863
[5]Peak Flow Rate (GPM @ P-PSI)		19.0 @ 8.3	17.0 @ 7.8	19.0 @ 7.6
Continuous Flow Rate (GPM @ P-PSI)		9.0 @ 2.4	9.0 @ 2.8	9.0 @ 2.7
Water Pressure Range (PSI)		25-100	25-100	25-100
Water Temp. (ºF)		33-100	33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"
Total Dimensions:	Media Tank and Valve	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

AOC2 Specifications

MODEL		AOC2-1044	AOC2-1054	AOC2-1354
[1]Capacity:* (Grains/Lbs. NaCl)	Minimum	11,100 @ 3.2	22,900 @ 6.1	28,200 @ 9.3
	Medium	19,100 @ 9.3	32,000 @ 12.4	48,300 @ 15.9
	Maximum	20,300 @ 12.4	34,800@ 15.9	60,300 @ 26.5
Amount of Media (Cu.Ft.)		1.0	1.5	2.5
Maximum Water Hardness (GPG)		40	60	80
[2]Maximum Iron and Manganese (PPM)		8.0	10.0	15.0
[3]Minimum pH		7.0	7.0	7.0
[4]Total pH Adjusted Water		N/A	N/A	N/A
[5]Peak Flow Rate (GPM @ P-PSI)		19.0 @ 9.3	17.0 @ 9.1	19.0 @ 8.6
Continuous Flow Rate (GPM @ P-PSI)		9.0 @ 3.0	8.0 @ 3.7	9.0 @ 2.8
Water Pressure Range (PSI)		25-100	25-100	25-100
Water Temp. (ºF)		33-100	33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"
Total Dimensions:	Media Tank and Valve	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

[1] All water conditioners are pre-factory set at medium salting.

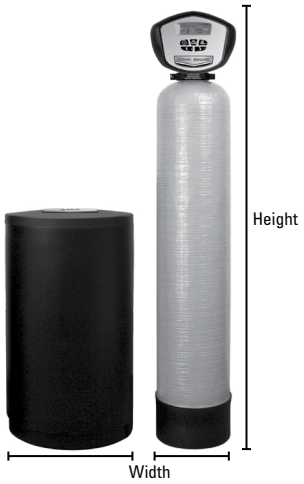
Note: ***Influent waters must be at least 3 GPG hardness and 80 TDS. A calcite or corosex unit may be needed for correct operation.***

[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.



Cycle Times and Usage

MODEL	AOC1-1044		AOC1-1054		AOC1-1354		AOC2-1044		AOC2-1054		AOC2-1354	
	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.
Brine Refill	6	3	10	5	12	6	6	3	10	5	12	6
The above sequence takes place prior to regeneration; therefore, minutes are not included in totals												
Backwash	12	38	12	50	12	90	12	38	12	50	12	62
Brine & Rinse	72	29	90	36	90	72	72	29	90	36	90	72
Rapid Rinse	4	13	4	17	4	30	4	13	4	17	4	21
Total	**88**	**80**	**106**	**103**	**106**	**192**	**88**	**80**	**106**	**103**	**106**	**155**