

APPLIED® FILTERS

WATER SOFTENERS

About Water Softeners:

Hard Water contains dissolved minerals in the form of Calcium (Ca), Magnesium (Mg), and Iron (Fe). Removal of these minerals is accomplished by softening the water through an ion exchange process. As the water flows through the mineral tank, the dissolved minerals become attached to the resin, creating soft water. Over a period of time the resin will become exhausted, and the softener will regenerate using a brine solution produced from the salt in the brine tank.

Advantages to Using Water Softeners:

- Provides excellent Scale Prevention Pretreatment for Reverse Osmosis Systems
- Prevents Hard Water Scale
- Prevents Staining on Bathroom & Kitchen Fixtures as well as Dishes, Dishwasher, Washing Machine and Clothes
- Significantly Reduces Soap and Cleaning Product Consumption
- Reduces Water Heating Costs
- Prolongs Life of Reverse Osmosis Membranes, Water Heaters, Icemakers, Dishwashers, Coffeemakers and Plumbing Fixtures



With No Jacket



With SS Jacket***

SINGLE SOFTENERS

Model No.*	Volume of Media (Cu.Ft.)	Flow Rate** (GPM)		Backwash Flow** (GPM)	Fleck Valve Head	Tank Size (Dia"xH")	Brine Tank Size (Dia"xH")	In/Out Conn. (In.)
		5gpm/ft. ²	15gpm/ft. ²					
W-S744	0.4	1	4	1.5	5600	7 x 44	18 x 33	3/4
W-S844	0.5	2	5	2	5600	8 x 44	18 x 33	3/4
W-S940	0.7	2	6	2	5600	9 x 40	18 x 40	3/4
W-S1040	1.0	2	7	3	5600	10 x 40	18 x 40	3/4
W-S1054	1.5	2	7	3	5600	10 x 54	18 x 40	3/4
W-S1252	2.0	4	12	4	2510	12 x 52	18 x 40	1
W-S1354	2.5	4	14	5	2510	13 x 54	18 x 40	1
W-S1465	3.0	5	16	6	2510	14 x 65	24 x 41	1
W-S1665	4.0	7	21	7	2510	16 x 65	24 x 41	1
W-S2162	8.0	13	36	12	2750	21 x 62	30 x 48	1.5
W-S2472	10.0	15	47	15	2750	24 x 72	39 x 48	1.5
W-S3072	15.0	24	74	25	2850	30 x 72	39 x 48	1.5
W-S3672	20.0	35	106	35	3150	36 x 72	39 x 60	2
W-S4272	30.0	48	144	48	3150	42 x 72	42 x 60	2
W-S4872	40.0	60	188	60	3900	48 x 72	60 x 60	3

Notes:

- * Please add the appropriate voltage code to the end of the model no. when ordering.
110v/60Hz = 116, 220v/60Hz = 216, 220v/50Hz = 215 Example: W-S744-116
- ** 5 gpm per sq. ft. of media is the best design condition for filtration. For relatively clean water, you may go up to design criteria of 15 gpm per sq. ft. Backwash flow rate based on 25 psi pressure drop.
- *** Stainless Steel Jacket available for 9-16" Diameter. To order add "-J" to the end of the part number.

AM® APPLIED MEMBRANES INC.® APPLIED®
are trademarks of APPLIED MEMBRANES, INC. © 2003 Applied Membranes, Inc

Distributed By:

Global Filter Corporation

1712 Woodcrest St. NE., Cedar Rapids, IA 52402

Toll Free: 877-603-1003 • Fax: 319-743-0220

<http://www.globalfiltercorp.com>