

# Twin Series Softeners

## Specifications

MODEL		IMP-844TW ASPR-844TW	IMP-1044TW ASPR-1044TW	IMP-1054TW ASPR-1054TW	IMP-1354TW ASPR-1354TW	IMP-1465TW ASPR-1465TW	IMP-1665TW ASPR-1665TW
Capacity: (Grains/Lbs. NaCl)	Maximum	25,600 @ 9.0	32,000 @ 15.0	48,800 @ 21.0	72,800 @ 24.0	90,000 @ 45.0	120,000 @ 60.0
	Medium	21,600 @ 6.0	28,400 @ 9.0	44,400 @ 15.0	64,200 @ 18.0	75,000 @ 30.0	100,000 @ 40.0
	Minimum	15,600 @ 3.0	23,600 @ 6.0	35,400 @ 9.0	53,000 @ 12.0	60,000 @ 18.0	80,000 @ 24.0
Amount of Resin Media (Cu. Ft.)		.85	1.0	1.5	2.5	3	4
Maximum Water Hardness (GPG)		50	75	100	100	100	100
Minimum pH Required		7.0	7.0	7.0	7.0	7.0	7.0
Peak Flow Rate (GPM @ P-PSI)		11.4 @ 15.0	17.1 @ 15.0	14.3 @ 15.0	18.5 @ 15.0	27.0 @ 25.0	29.0 @ 25.0
Continuous Flow Rate (GPM @ P-PSI)		5.0 @ 5.4	5.0 @ 2.8	5.0 @ 3.8	5.0 @ 2.4	20.0 @ 15.0	22.0 @ 15.0
Water Pressure Range (PSI)		30-100	30-100	30-100	30-100	30-100	30-100
Water Temperature (°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 and Valve	27"W x 52"H	29"W x 52"H	29"W x 62"H	31"W x 62"H	32"W x 74"H	34"W x 74"H
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 33"H	18"W x 40"H	18"W x 40"H	24"W x 41"H

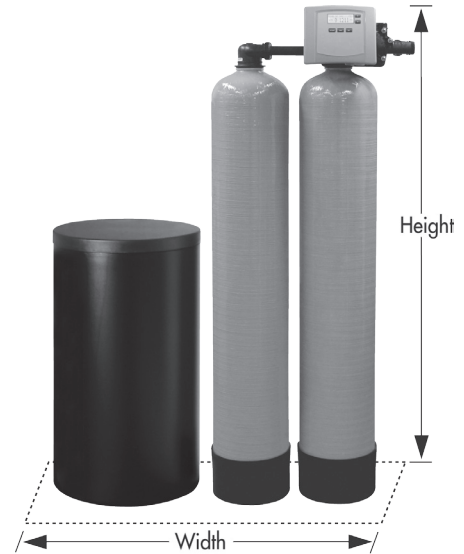
Only the -844TW through the -1354TW sizes are approved in the state of Wisconsin.

MODEL		IMPRC-1054TW ASPRC-1054TW	IMPRC-1354TW ASPRC-1354TW
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
Minimum pH Required		7.0	7.0
Peak Flow Rate (GPM @ P-PSI)		14.3 @ 15.0	18.5 @ 15.0
Continuous Flow Rate (GPM @ P-PSI)		5.0 @ 3.8	5.0 @ 2.4
Water Pressure Range (PSI)		30-100	30-100
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	29"W x 62"H	31"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 40"H

<sup>1</sup> All water softeners are factory preset 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. Capacity will be reduced by the gallons used during regeneration.

<sup>2</sup> The pH listed is the minimum for the influent water.

<sup>3</sup> Unit not tested for capacity at these peak flow rates. Water quality may vary.



## Cycle Times and Salt Usage

MODEL	IMP-844TW ASPR-844TW	IMP-1044TW ASPR-1044TW	IMP-1054TW ASPR-1054TW	IMP-1354TW ASPR-1354TW	IMP-1465TW ASPR-1465TW	IMP-1665TW ASPR-1665TW	IMPRC-1054TW ASPRC-1054TW	IMPRC-1354TW ASPRC-1354TW
Backwash	6	8	8	10	12	12	8	10
Brine & Rinse	40	60	90	90	90	90	90	90
Rinse	4	4	4	4	4	4	4	4
Brine Refill	3:51	5:51	9:53	11:53	19:56	26:38	5:51	9:53
Regenerant	6 lbs	9 lbs	15 lbs	18 lbs	30 lbs	40 lbs	9 lbs	15 lbs
<b>Total</b>	<b>54</b>	<b>78</b>	<b>112</b>	<b>116</b>	<b>126</b>	<b>133</b>	<b>108</b>	<b>114</b>