

# Twin Series Softeners

## Specifications



MODEL		IMP-844TW	IMP-1044TW	IMP-1054TW	IMP-1354TW	IMP-1465TW	IMP-1665TW
<sup>1</sup> 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
<sup>2</sup> Minimum pH Required		7.0	7.0	7.0	7.0	7.0	7.0
<sup>3</sup> 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.

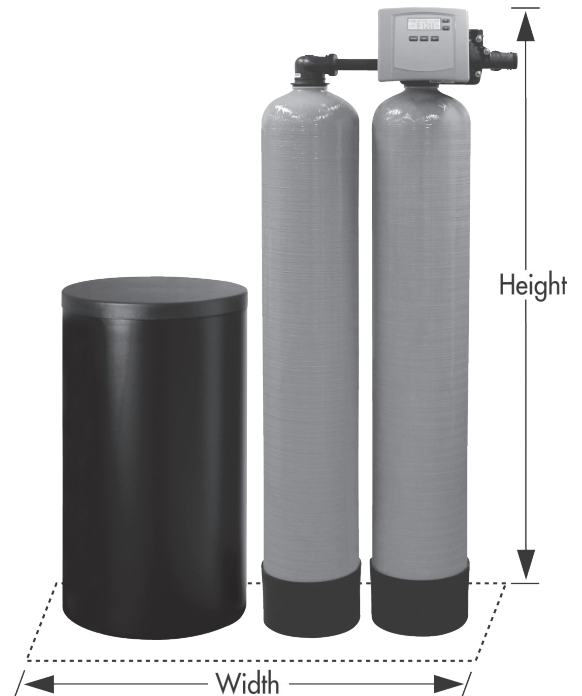
MODEL		IMPRC-1054TW	IMPRC-1354TW
<sup>1</sup> Capacity: (Grains/Lbs. NaCl)	Maximum	32,000 @ 15.0	48,800 @ 21.0
	Medium	28,400 @ 9.0	44,400 @ 15.0
	Minimum	23,600 @ 6.0	35,400 @ 9.0
Amount of Resin Media (Cu. Ft.)		1.0	1.5
Amount of Carbon Media (Cu. Ft.)		.5	1.0
Maximum Water Hardness (GPG)		75	100
<sup>2</sup> Minimum pH Required		7.0	7.0
<sup>3</sup> 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.

<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.

All specs are shown in capacity per tank.



## Cycle Times and Salt Usage

MODEL	IMP-844TW	IMP-1044TW	IMP-1054TW	IMP-1354TW	IMP-1465TW	IMP-1665TW	IMPRC-1054TW	IMPRC-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>