

IMP SPECIFICATIONS

MODEL		IMP-844	IMP-948	IMP-1044	IMP-1054	IMP-1252	IMP-1354	Cabinet Models	
Rated Softener Capacity:* (Grains/Lbs. Salt)	Minimum	13,700 @ 3.4	18,200 @ 4.5	18,200 @ 4.5	27,600 @ 7.0	38,800 @ 9.0	45,800 @ 11.5	5,100 @ 2.3	18,200 @ 4.5
	Medium	16,800 @ 6.0	23,500 @ 9.0	23,500 @ 9.0	36,700 @ 15.0	50,700 @ 18.0	53,900 @ 18.0	7,300 @ 6.0	23,500 @ 9.0
	Maximum	18,800 @ 8.0	28,000 @ 15.0	28,000 @ 15.0	42,000 @ 22.5	56,800 @ 30.0	69,800 @ 37.0	7,800 @ 7.5	28,000 @ 15.0
Amount of High Capacity Cat-ion Resin Media (Cu. Ft.)		.75	1.0	1.0	1.5	2.0	2.5	.50	1.0
Efficiency at 1 lb Salt Setting (Grains/Lbs Salt)		4,040/1	4,040/1	4,040/1	4,040/1	4,310/1	4,040/1	N/A	4,040/1
Max. Service Flow Rate (GPM)		11.7	13.1	16.0	13.3	16.4	17.1	9.6	16.0
Max. Pressure Loss at Max. Service (PSI)		15	15	15	15	15	15	9.0	15.0
Min. to Max. Working Pressure (PSI)		30-100	30-100	30-100	30-100	30-100	30-100	30-100	30-100
Min. to Max. Operating Temperature (°F)		33-100	33-100	33-100	33-100	33-100	33-100	33-100	33-100
Max. Flow to Drain During Regeneration (GPM)		1.3	1.7	2.2	2.2	3.2	3.2	1.3	2.2
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	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"	1"	1"
Total Dimensions:	Media Tank and Valve	8"W x 52"H	9"W x 56"H	10"W x 52"H	10"W x 62"H	12"W x 60"H	13"W x 62"H	14" x 44.5"H x 20.5"D	14" x 44.5"H x 20.5"D
	Brine Tank	18"W x 33"H	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		

Cabinet dimensions represent the High-Profile cabinet option. Low-Profile cabinets are about one inch shorter in height than the High-Profile cabinet lid.

IMPRC SPECIFICATIONS

MODEL		IMPRC-1054	IMPRC-1354
Rated Softener Capacity:* (Grains/Lbs. Salt)	Minimum	18,200 @ 4.5	29,200 @ 6.75
	Medium	23,500 @ 9.0	36,700 @ 15.0
	Maximum	28,000 @ 15.0	42,000 @ 22.5
Amount of High Capacity Cat-ion Resin Media (Cu. Ft.)		1.0	1.5
Efficiency per/Lb at minimum salt setting (Grains/Lbs Salt)		4,330/1	4,330/1
Max. Service Flow Rate (GPM)		13.7	16.9
Max. Pressure Loss at Max. Service (PSI)		15	15
Min. to Max. Working Pressure (PSI)		30-100	30-100
Min. to Max. Operating Temperature (°F)		33-100	33-100
Max. Flow to Drain During Regeneration (GPM)		5.3	7.5
Electrical Requirements (volts-hertz)		110-50/60	110-50/60
Pipe Size		1"	1"
Total Dimensions:	Media Tank and Valve	10"W x 62"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 40"H



*All Impression Plus water softeners are set at "minimum salting" from the factory.

CYCLE TIMES (in minutes)

MODEL	IMP-844	IMP-948	IMP-1044	IMP-1054	IMP-1252	IMP-1354	IMPC-835	IMPC-1035	IMPRC-1054	IMPRC-1354
Brine Refill	2	3	3	4.5	6	7.5	1.5	3	2.8	4.5
Regenerant (lbs)	3.4	4.5	4.5	7.0	9.0	11.5	2.3	4.5	4.5	7
Service	240	240	240	240	240	240	240	240	240	240
The above sequence takes place prior to regeneration; therefore, minutes are not included in totals.										
Backwash	6	8	8	8	10	10	6	8	8	8
Brine and Rinse	40	60	60	90	90	90	40	60	90	90
Rinse	4	4	4	4	4	4	4	4	4	4
Total	50	72	72	102	104	104	50	72	102	104

Manufacturer recommends the use of coarse solar salt in these water softeners.



IMP -844, -948, -1044, -1054, -1252, -1354, IMPC -835 -1035, and IMPRC- 1054, -1354 softeners are certified by WQA against NSF/ANSI Standard 44 for the reduction of hardness as verified and substantiated by test data.

Only the efficiency-rated water softener models have a rated capacity of not less than 3,350 grains of total hardness exchange per pound of salt (based on NaCl) and shall not deliver more salt or be operated at a sustained maximum service flow rate greater than its listed rating. Efficiency is measured by a laboratory test described in NSF/ANSI 44. The test represents the maximum possible efficiency the system can achieve after the system has been installed. The operational efficiency is typically less than the efficiency due to individual application factors including water hardness, water usage, and other contaminants that reduce the softener's capacity.

An efficiency rated water softener is a DIR softener which also complies with specific performance specifications intended to minimize the amount of regenerant brine and water used in its operation. The efficiencies listed here are only valid at the stated minimum salt dosages.

These water softeners are not intended to be used for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

For parts and service, please contact your local dealer. For warranty information, see Impression Plus Owner's Manual.