

Please use "IMP" as prefix when specifying Impression Plus Series water softeners.

IM/IMC SPECIFICATIONS

MODEL		IM-844 IMP-844	IM-1044 IMP-1044	IM-1054 IMP-1054	IM-1354 IMP-1354	IMC-835 IMPC-835	IMC-1035 IMPC-1035
¹Capacity: (Grains/Lbs. NaCl)	Minimum	15,600 @ 3.0	23,600 @ 6.0	35,400 @ 9.0	53,000 @ 12.0	13,600 @ 3.0	23,600 @ 6.0
	Medium	21,600 @ 6.0	28,400 @ 9.0	44,400 @ 15.0	64,200 @ 18.0	18,000 @ 6.0	28,400 @ 9.0
	Maximum	25,600 @ 9.0	32,000 @ 15.0	48,800 @ 21.0	72,800 @ 24.0	21,000 @ 9.0	32,000 @ 15.0
Amount of Media (Cu. Ft.)		.75	1.0	1.5	2.5	0.5	1.0
Maximum Water Hardness (GPG)		50	75	100	100	50	75
²Maximum Iron (PPM)		1.0	1.0	1.0	1.0	1.0	1.0
³Peak Flow Rate (GPM @ P-PSI)		11.4 @ 15.0	17.1 @ 15.0	14.3 @ 15.0	18.5 @ 15.0	12.2 @ 15.0	17.1 @ 15.0
Continuous Flow Rate (GPM @ P-PSI)		5.0 @ 5.4	5.0 @ 2.8	5.0 @ 3.8	5.0 @ 2.4	5.8 @ 5.0	5.0 @ 2.8
Water Pressure Range (PSI)		25-100	25-100	25-100	25-100	25-100	25-100
Water Temp. (°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	8"W x 52"H	10"W x 52"H	10"W x 62"H	13"W x 62"H	14"W x 44.5"H	14"W x 44.5"H
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 33"H	18"W x 40"H	N/A	N/A
	Depth	N/A	N/A	N/A	N/A	20.5"	20.5"

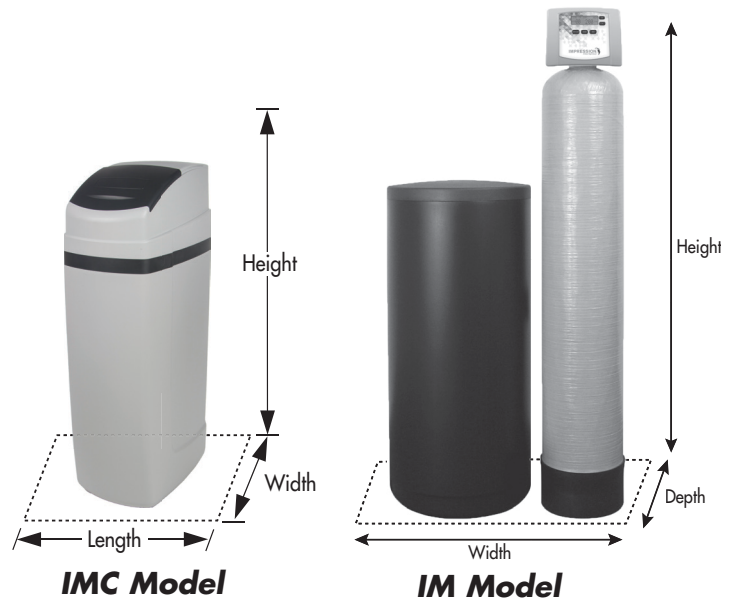
IMRC SPECIFICATIONS

MODEL		IMRC-1054 IMPRC-1054	IMRC-1354 IMPRC-1354
¹Capacity: (Grains/Lbs. NaCl)	Minimum	23,600 @ 6.0	35,400 @ 9.0
	Medium	28,400 @ 9.0	44,400 @ 15.0
	Maximum	32,000 @ 15.0	48,800 @ 21.0
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
²Maximum Iron (PPM)		1.0	1.0
³Peak Flow Rate (GPM @ P-PSI)		15.6 @ 15.0	20.4 @ 15.0
Continuous Flow Rate (GPM @ P-PSI)		9.7 @ 7.5	13.2 @ 7.5
Water Pressure Range (PSI)		25-100	25-100
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	10"W x 62"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 40"H

¹ All Impression water softeners are set at medium salting.

² Iron removal may vary depending on form of iron, pH and other local conditions. On waters that are pre-chlorinated or where other pre-oxidation occurs, an iron precipitate can form that is too small to be filtered.

³ Unit not tested for capacity at these flow rates. Water quality may vary.



CYCLE TIMES AND USAGE

MODEL	IM-844 IMP-844		IM-1044 IMP-1044		IM-1054 IMP-1054		IM-1354 IMP-1354		IMC-835 IMPC-835		IMC-1035 IMPC-1035	
	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.
Brine Refill	4	2	6	3	10	5	12	6	4	2	6	3
The above sequence takes place prior to regeneration; therefore minutes are not included in totals												
Backwash	6	10	8	22	8	22	10	32	6	10	8	22
Brine & Rinse	40	16	60	24	90	36	90	47	40	16	60	24
Rapid Rinse	4	7	4	11	4	11	4	13	4	7	4	11
Total	50	33	72	57	102	69	104	92	50	33	72	57