

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

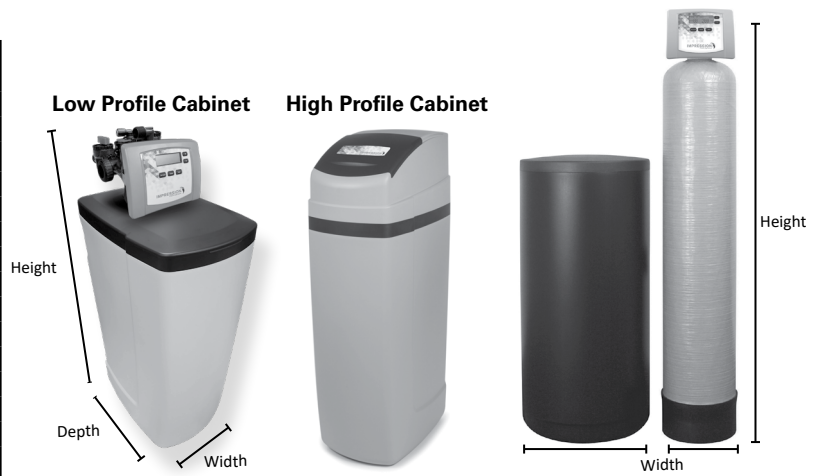
IM/IMP/IMC/IMPC SPECIFICATIONS

MODEL		Cabinet Models					
		IM-844 IMP-844	IM-1044 IMP-1044	IM-1054 IMP-1054	IM-1354 IMP-1354	IMC-835 IMPC-835	IMC-1035 IMPC-1035
Capacity: (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
Maximum Iron (PPM)		1.0	1.0	1.0	1.0	1.0	1.0
Peak 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 x 20.5"	14"W x 44.5"H x 20.5"
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 33"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.

IMRC/IMPRC SPECIFICATIONS

MODEL		IMRC-1054 IMPRC-1054	IMRC-1354 IMPRC-1354
Capacity: (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
Maximum Iron (PPM)		1.0	1.0
Peak 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. All Impression Plus water softeners are set at minimum 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		IMRC-1054 IMPRC-1054		IMRC-1354 IMPRC-1354	
	MIN.	GAL.	MIN.	GAL.	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	6	3	10	5
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	8	42	8	60
Brine & Rinse	40	16	60	24	90	36	90	47	40	16	60	24	60	24	90	47
Rapid Rinse	4	7	4	11	4	11	4	13	4	7	4	11	4	21	4	30
Total	50	35	72	60	102	74	104	98	50	35	72	60	72	90	102	142