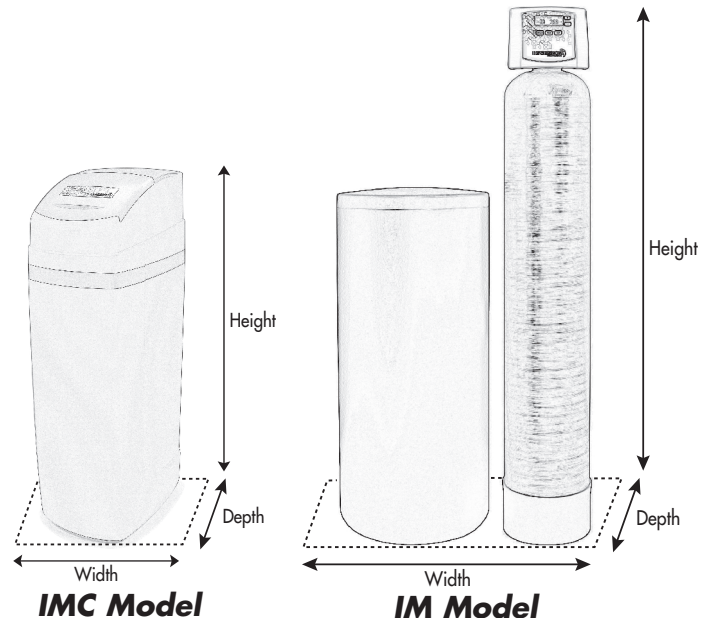


Please use "IMP" as prefix when specifying Impression Plus Series water softeners.

MODEL		IM-844	IM-1044	IM-1054	IM-1354	IMC-835	IMC-1035
¹ Capacity: (Grains/Lbs. NaCl)	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
	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
	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
Amount of Media (Cu. Ft.)		0.85	1.0	1.5	2.5	0.5	1.0
Maximum Water Hardness (GPG)		50	75	100	100	50	75
² Maximum Iron (PPM)		1.0	1.0	1.0	1.0	1.0	1.0
³ 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	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		
Depth						20.5"	20.5"

MODEL		IMRC-1054	IMRC-1354
¹ 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
² Maximum Iron (PPM)		1.0	1.0
³ 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 & 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 pre-factory 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		IM-1044		IM-1054		IM-1354		IMC-835		IMC-1035	
	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.	MIN.	GAL.
Brine Refill	3:51	2	5:51	3	9:53	5	11:53	6	3:51	2	5:51	3
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	54	35	78	60	112	74	116	98	54	35	78	60

MODEL	IMRC-1054		IMRC-1354	
	MIN.	GAL.	MIN.	GAL.
Brine Refill	6	3	10	5
Softening (Pause)	240	0	240	0
The above sequences take place prior to regeneration; therefore, minutes are not included in totals.				
Backwash	8	42	8	60
Brine & Rinse	60	24	90	36
Rapid Rinse	4	21	4	30
Total	72	90	102	131