

C43 Series 1.5-2" Water Softeners



Commercial Water Softeners

MODEL C43-	Rated Softener Capacity (Grains)			Service Flow Rate		Resin Volume (Cu.Ft.)	Gravel (Lbs)	Backwash Flow Rate (GPM)	Tank Size (Diameter x H in inches)		Salt Storage (Lbs)	Pipe Size		Floor Space Requirements (L x W x H in inches)			Shipping Weight (Lbs)		
	Minimum ¹	Medium ²	Maximum ³	Continuous ⁴	Peak ⁵				Softener	Brine Tank		Without Grid/ With Grid	Service	Drain	Single	Twin	Triplex	Single	Twin
0075-15	50,000	62,500	75,000	34	43	2.5	25	3.2	13x54	19x37	390/350	1½"	¾"	36x18x69	51x18x69	66x18x69	180	344	528
0090-15	60,000	75,000	90,000	33	46	3.0	30	5.3	14x65	24x41	660/625	1½"	¾"	38x24x80	55x24x80	72x24x80	244	472	700
0090-20				39	54								¾"	38x24x80	55x24x80	72x24x80	252	488	724
0120-15	80,000	100,000	120,000	40	56	4.0	40	6.5	16x65	24x41	660/625	1½"	¾"	46x24x80	65x24x80	84x24x80	424	722	1020
0120-20				48	67								¾"	46x24x80	65x24x80	84x24x80	432	738	1044
0150-15	100,000	125,000	150,000	45	62	5.0	50	7.5	18x65	24x50	840/790	1½"	¾"	48x24x82	69x24x82	90x24x82	520	914	1308
0150-20				62	85								¾"	48x24x82	69x24x82	90x24x82	528	930	1332
0180-15	120,000	150,000	180,000	48	64	6.0	100	12.0	21x62	24x50	840/790	1½"	1"	51x24x82	75x24x82	99x24x82	631	1133	1635
0180-20				64	90								1"	51x24x82	75x24x82	99x24x82	639	1149	1659
0210-15	140,000	175,000	210,000	47	62	7.0	100	12.0	21x62	24x50	840/735	1½"	1"	51x24x82	75x24x82	99x24x82	682	1235	1788
0210-20				64	85								1"	51x24x82	75x24x82	99x24x82	690	1251	1812
0240-15	160,000	200,000	240,000	54	70	8.0	175	15.0	24x72	24x50	840/735	1½"	1"	54x24x89	81x24x89	108x24x89	822	1515	2208
0240-20				74	101								1"	54x24x89	81x24x89	108x24x89	830	1531	2232
0270-15	180,000	225,000	270,000	54	70	9.0	175	15.0	24x72	24x50	840/735	1½"	1"	54x24x89	81x24x89	108x24x89	873	1617	2361
0270-20				73	101								1"	54x24x89	81x24x89	108x24x89	881	1633	2385
0300-15	200,000	250,000	300,000	53	69	10.0	175	15.0	24x72	30x50	1300/1090	1½"	1"	54x30x89	81x30x89	108x30x89	924	1719	2514
0300-20				71	100								1"	54x30x89	81x30x89	108x30x89	932	1735	2538
0450-15	300,000	375,000	450,000	58	76	15.0	250	25.0	30x72	30x50	1300/970	1½"	1½"	66x30x101	99x30x101	132x30x101	1479	2749	4019
0450-20				92	126								1½"	66x30x101	99x30x101	132x30x101	1487	2765	4043
0600-20	400,000	500,000	600,000	100	135	20.0	450	35.0	36x72	39x48	2010/1760	2"	1½"	81x39x104	120x39x104	159x39x104	2111	3902	5693
0750-20	500,000	625,000	750,000	113	145	25.0	700	45.0	42x72	39x60	2600/2250	2"	1½"	87x39x103	132x39x103	177x39x103	3015	5697	8379
0900-20	600,000	750,000	900,000	110	143	30.0	700	45.0	42x72	42x60	2890/2485	2"	1½"	90x42x103	135x42x103	177x42x103	3015	5697	8379
1050-20	700,000	875,000	1,050,000	115	150	35.0	1000	55.0	48x72	50x60	4200/3790	2"	1½"	104x50x101	155x50x101	206x50x101	4107	7701	11295
1200-20	800,000	1,000,000	1,200,000	112	147	40.0	1000	55.0	48x72	50x60	4200/3315	2"	1½"	104x50x101	155x50x101	206x50x101	4362	8211	12060

¹ Minimum Capacity based on 6 pounds per Cubic Foot Salt Dosage
² Medium Capacity based on 10 pounds per Cubic Foot Salt Dosage
³ Maximum Capacity based on 15 pounds per Cubic Foot Salt Dosage
⁴ Normal Continuous Flow Rate @ 15 psi Pressure Loss
⁵ Intermittent Peak Flow Rate @ 25 psi Pressure Loss

NOTE: Height and width based on fiberglass tanks and top mount control valve.
 NOTE: Shipping weight is dry.
 NOTE: For larger systems (up to 6) call for drawing and floor space requirements.

Operating Limits

Pressure (psi) 30-100
 Vacuum None
 Temperature 40-100° F
 Electrical 120V/60 Hz