

C43 Series | 1-3" 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	Triplex
0030-10 0030-12	20,000	25,000	30,000	15 20	22 26	1.0	15	2.2	10x44	18x40	390/350	1"	3/4"	33x18x55 33x18x55	45x18x55 45x18x55	57x18x55 57x18x55	82 82	151 151	221 221	
0060-10 0060-12	40,000	50,000	60,000	18 21	25 29	2.0	20	3.2	12x48	18x40	390/350	1" 1 1/4"	3/4" 3/4"	36x18x59 36x18x59	51x18x59 51x18x59	66x18x59 66x18x59	144 144	271 271	399 399	
0075-10 0075-12 0075-15	50,000	62,500	75,000	20 24 34	26 31 43	2.5	25	3.2	13x54	18x40	390/350	1" 1 1/4" 1 1/2"	3/4" 3/4" 3/4"	36x18x65 36x18x65 36x18x69	51x18x65 51x18x65 51x18x69	66x18x65 66x18x65 66x18x69	164 164 180	291 291 344	459 459 528	
0090-10 0090-12 0090-15 0090-20	60,000	75,000	90,000	20 24 33 39	27 33 46 54	3.0	30	5.3	14x65	24x41	660/625	1" 1 1/4" 1 1/2" 2"	3/4" 3/4" 3/4" 3/4"	38x24x76 38x24x76 38x24x80 38x24x80	55x24x76 55x24x76 55x24x80 55x24x80	72x24x76 72x24x76 72x24x80 72x24x80	228 228 244 252	439 439 472 488	651 651 700 724	
0120-10 0120-12 0120-15 0120-20	80,000	100,000	120,000	22 26 40 48	29 35 56 67	4.0	40	6.5	16x65	24x41	660/625	1" 1 1/4" 1 1/2" 2	3/4" 3/4" 3/4" 3/4"	46x24x76 46x24x76 46x24x80 46x24x80	65x24x76 65x24x76 65x24x80 65x24x80	84x24x76 87x24x76 84x24x80 84x24x80	408 408 424 432	689 689 722 738	971 971 1020 1044	
0150-10 0150-12 0150-15 0150-20	100,000	125,000	150,000	23 28 45 62	30 37 62 85	5.0	50	7.5	18x65	24x50	840/790	1" 1 1/4" 1 1/2" 2"	3/4" 3/4" 3/4" 3/4"	48x24x78 48x24x78 48x24x82 48x24x82	69x24x78 69x24x78 69x24x82 69x24x82	90x24x78 90x24x78 90x24x82 90x24x82	502 502 520 528	881 881 914 930	1179 1179 1308 1332	
0180-10 0180-12 0180-15 0180-20	120,000	150,000	180,000	25 29 48 64	31 39 64 90	6.0	100	12.0	21x62	24x50	840/790	1" 1 1/4" 1 1/2" 2"	1" 1" 1" 1"	51x24x78 51x24x78 51x24x82 51x24x82	75x24x78 75x24x78 75x24x82 75x24x82	99x24x78 99x24x78 99x24x82 99x24x82	613 613 631 639	1100 1100 1133 1149	1427 1427 1635 1659	
0210-10 0210-12 0210-15 0210-20	140,000	175,000	210,000	25 28 47 64	32 39 62 85	7.0	100	12.0	21x62	24x50	840/735	1" 1 1/4" 1 1/2" 2"	1" 1" 1" 1"	51x24x78 51x24x78 51x24x82 51x24x82	75x24x78 75x24x78 75x24x82 75x24x82	99x24x78 99x24x78 99x24x82 99x24x82	664 664 682 690	1202 1202 1235 1251	1580 1580 1788 1812	
0240-15 0240-20 0240-30	160,000	200,000	240,000	54 74 120	70 101 166	8.0	175	15.0	24x72	24x50	840/735	1 1/2" 2" 3"	1" 1" 2"	54x24x89 54x24x89 54x24x92	81x24x89 81x24x89 81x24x92	108x24x89 108x24x89 108x24x92	822 830 858	1515 1531 1587	2208 2232 2316	
0270-15 0270-20 0270-30	180,000	225,000	270,000	54 73 117	70 101 162	9.0	175	15.0	24x72	24x50	840/735	1 1/2" 2" 3"	1" 1" 2"	54x24x89 54x24x89 54x24x92	81x24x89 81x24x89 81x24x92	108x24x89 108x24x89 104x24x92	873 881 909	1617 1633 1689	2361 2385 2469	
0300-15 0300-20 0300-30	200,000	250,000	300,000	53 71 114	69 100 160	10.0	175	15.0	24x72	30x50	1300/1090	1 1/2" 2" 3"	1" 1" 2"	54x30x89 54x30x89 54x30x92	81x30x89 81x30x89 81x30x92	108x30x89 108x30x89 108x30x92	924 932 960	1719 1735 1791	2514 2538 2622	

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



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	Minimum ¹	Medium ²	Maximum ³	Continuous ⁴	Peak ⁵				Softener	Brine Tank		Without Grid/ With Grid	Service	Drain	Single	Twin	Triplex	Single	Twin
0450-15 0450-20 0450-30	300,000	375,000	450,000	58 92 145	76 126 194	15.0	250	25.0	30x72	30x50	1300/970	1 1/2" 2" 3"	1 1/2" 1 1/2" 2"	66x30x101 66x30x101 66x30x103	99x30x101 99x30x101 99x30x103	132x30x101 132x30x101 132x30x103	1479 1487 1515	2749 2765 2821	4019 4043 4127
0600-20 0600-30	400,000	500,000	600,000	100 171	135 232	20.0	450	35.0	36x72	39x48	2010/1760	2" 3"	1 1/2" 2"	81x39x104 81x39x106	120x39x104 120x39x106	159x39x104 159x39x106	2111 2139	3902 3958	5693 5777
0750-20 0750-30	500,000	625,000	750,000	113 195	145 265	25.0	700	45.0	42x72	39x60	2600/2250	2" 3"	1 1/2" 2"	87x39x103 97x39x107	132x39x103 132x39x107	177x39x103 177x39x107	3015 3043	5697 5753	8379 8463
0900-20 0900-30	600,000	750,000	900,000	110 190	143 255	30.0	700	45.0	42x72	42x60	2890/2485	2" 3"	1 1/2" 2"	90x42x103 90x42x107	135x42x103 135x42x107	177x42x103 177x42x107	3015 3043	5697 5753	8379 8463
1050-20 1050-30	700,000	875,000	1,050,000	115 207	150 270	35.0	1000	55.0	48x72	50x60	4200/3790	2" 3"	1 1/2" 2"	104x50x101 104x50x105	155x50x101 115x50x105	206x50x101 206x50x105	4107 4135	7701 7757	11295 11379
1200-20 1200-30	800,000	1,000,000	1,200,000	112 204	147 265	40.0	1000	55.0	48x72	50x60	4200/3315	2" 3"	1 1/2" 2"	104x50x101 104x50x105	155x50x101 155x50x105	206x50x101 206x50x105	4362 4390	8211 8267	12060 12144

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