

C43 Series 3" 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 |
| 0240-30 | 160,000 | 200,000 | 240,000 | 120 | 166 | 8.0 | 175 | 15.0 | 24x72 | 24x50 | 840/735 | 3" | 2" | 54x24x92 | 81x24x92 | 108x24x92 | 858 | 1587 | 2316 |
| 0270-30 | 180,000 | 225,000 | 270,000 | 117 | 162 | 9.0 | 175 | 15.0 | 24x72 | 24x50 | 840/735 | 3" | 2" | 54x24x92 | 81x24x92 | 104x24x92 | 909 | 1689 | 2469 |
| 0300-30 | 200,000 | 250,000 | 300,000 | 114 | 160 | 10.0 | 175 | 15.0 | 24x72 | 30x50 | 1300/1090 | 3" | 2" | 54x30x92 | 81x30x92 | 108x30x92 | 960 | 1791 | 2622 |
| 0450-30 | 300,000 | 375,000 | 450,000 | 145 | 194 | 15.0 | 250 | 25.0 | 30x72 | 30x50 | 1300/970 | 3" | 2" | 66x30x103 | 99x30x103 | 132x30x103 | 1515 | 2821 | 4127 |
| 0600-30 | 400,000 | 500,000 | 600,000 | 171 | 232 | 20.0 | 450 | 35.0 | 36x72 | 39x48 | 2010/1760 | 3" | 2" | 81x39x106 | 120x39x106 | 159x39x106 | 2139 | 3958 | 5777 |
| 0750-30 | 500,000 | 625,000 | 750,000 | 195 | 265 | 25.0 | 700 | 45.0 | 42x72 | 39x60 | 2600/2250 | 3" | 2" | 97x39x107 | 132x39x107 | 177x39x107 | 3043 | 5753 | 8463 |
| 0900-30 | 600,000 | 750,000 | 900,000 | 190 | 255 | 30.0 | 700 | 45.0 | 42x72 | 42x60 | 2890/2485 | 3" | 2" | 90x42x107 | 135x42x107 | 177x42x107 | 3043 | 5753 | 8463 |
| 1050-30 | 700,000 | 875,000 | 1,050,000 | 207 | 270 | 35.0 | 1000 | 55.0 | 48x72 | 50x60 | 4200/3790 | 3" | 2" | 104x50x105 | 115x50x105 | 206x50x105 | 4135 | 7757 | 11379 |
| 1200-30 | 800,000 | 1,000,000 | 1,200,000 | 204 | 265 | 40.0 | 1000 | 55.0 | 48x72 | 50x60 | 4200/3315 | 3" | 2" | 104x50x105 | 155x50x105 | 206x50x105 | 4390 | 8267 | 12144 |

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