

COMMERCIAL WATER SOFTENERS



SWT COMMERCIAL ELECTRONIC TIME CLOCK CONTROLLED WATER SOFTENERS



Safe Water Technologies' corrosion-proof commercial water softeners are built utilizing SWT's ProSoft™ resin as the primary layer. These cationic ion exchange systems are designed to remove calcium and magnesium (hardness), and a host of other cations from the water. SWT takes care of the little extras such as: machined PVC distribution systems, oversized brine tanks, safety floats standard in 16 inch or larger systems, and an anthracite underbedding for less channeling.

- **Electronic Time Clock**
- **100% corrosion proof** plastic systems
- **Energy efficient** controller uses less than \$5.00 of electricity per year
- Tanks feature **150 PSI operating pressure**
- **10 year warranty** on tank
- All **international voltages** available

Electronic Time Clock Systems with Professional Programming

| Part Number | Tank Size Inches | CaCO ₃ Capacity | | | Service Flow Rate | | Backwash 50% Exp. @ 60°F GPM (LPM) | Standard Connection Size |
|-------------|------------------|----------------------------|------------------------|------------------------|--------------------|----------------|------------------------------------|--------------------------|
| | | @ 6 lbs/cu.ft. Grains | @ 10 lbs/cu.ft. Grains | @ 15 lbs/cu.ft. Grains | Standard GPM (LPM) | Peak GPM (LPM) | | |
| WSC741P2-20 | 12 X 52 | 47,600 | 60,400 | 68,800 | 10 (37.9) | 20 (75.7) | 3.5 (13.6) | 1 inch Copper Tube |
| WSC741P2-25 | 13 x 54 | 59,500 | 75,500 | 86,000 | 12 (45.5) | 24 (90.9) | 4.1 (15.5) | 1 inch Copper Tube |
| WSC741P2-30 | 14 x 65 | 71,400 | 90,600 | 103,200 | 15 (56.9) | 25 (94.6) | 4.5 (17.0) | 1 inch Copper Tube |
| WSC741P2-40 | 16 X 65 | 95,200 | 120,800 | 137,600 | 20 (75.7) | 25 (94.6) | 5.0 (18.9) | 1 inch Copper Tube |
| WSC741P2-50 | 18 X 65 | 119,000 | 151,000 | 172,000 | * 25 (94.6) | 25 (94.6) | 7.0 (26.5) | 1 inch Copper Tube |
| WSC741P2-60 | 21 X 54 | 142,000 | 181,200 | 206,400 | * 25 (94.6) | 25 (94.6) | 9.0 (37.1) | 1 inch Copper Tube |
| WSC741P2-70 | 21 X 69 | 166,600 | 211,400 | 240,800 | * 25 (94.6) | 25 (94.6) | 9.0 (37.1) | 1 inch Copper Tube |
| WSC742-40 | 16 x 65 | 95,200 | 120,800 | 137,600 | 20 (75.8) | 33 (125) | 5.0 (18.9) | 1.5 inch MNPT |
| WSC742-50 | 18 x 65 | 119,000 | 151,000 | 172,000 | 25 (94.8) | 50 (190) | 7.0 (26.5) | 1.5 inch MNPT |
| WSC742-60 | 21 x 54 | 142,800 | 181,200 | 206,400 | 30 (114) | 60 (227) | 9.0 (37.1) | 1.5 inch MNPT |
| WSC742-70 | 21 x 69 | 166,600 | 211,400 | 240,800 | 35 (133) | 70 (265) | 9.0 (37.1) | 1.5 inch MNPT |
| WSC742-95 | 24 x 72 | 226,100 | 286,900 | 326,800 | 45 (171) | 90 (341) | 12.0 (45.4) | 1.5 inch MNPT |
| WSC742-140 | 30 x 72 | 333,200 | 422,800 | 481,600 | 70 (265) | 100 (379) | 19.0 (71.9) | 1.5 inch MNPT |
| WSC742-180 | 36 x 72 | 428,400 | 543,600 | 619,200 | 90 (341) | 100 (379) | 27.0 (102.2) | 1.5 inch MNPT |

* 15 psid @ 25 gpm

Operating capacity based on influent of 400 ppm as CaCO₃ with a ratio of 2 parts calcium to 1 part magnesium.

1.5 inch systems have a 2 inch inlet/outlet option available.

1.5 and 2 inch systems have a no-untreated-water bypass option available.

Operating pressure: 25 to 150 psi (1.7 to 10.3 bar) **Operating temperature:** 36 to 120°F (2 to 48.9°C)

All pressure vessels are wound fiberglass, reinforced polyethylene or polypropylene copolymer, and are NSF® listed.