



◆ One brine tank per vessel

## Series EWS 2" H Triplex Commercial Softener

### STANDARD FEATURES

- ◆ 2" NPT inlet or outlet / 2 1/2" Victaulic lead free brass epoxy coated control valve.
- ◆ Electronic flow meters for each control valve accuracy plus or minus 5 percent, flow rate range 1.5 – 125 gpm, gallon range 10 – 999,000 and totalizer 1,000 – 999,999,000 gallons.
- ◆ Service flow rates to 125 gpm, peak flow rates to 150 gpm, backwash flow rates to 125 gpm.
- ◆ Fully programmable and adjustable 9 cycle control valve that control backwash, slow/fast rinse, draw, refill, 2nd backwash and service, up to 9 cycles.
- ◆ Progressive flow, parallel flow, alternating on demand soft water.
- ◆ System designs up to 4 vessels.
- ◆ Cycles of operation – Cycle One backwash 1 – 95 minutes or off, Cycle Two brine draw 1 – 180 minutes or off, Cycle Three slow rinse 1 – 95 minutes or off, Cycle Four fast rinse 1 – 95 minutes or off, Cycle Five refill 0.1 – 99 minutes or off, Cycle Six hold (service) 1 – 480 minutes or off, three additional cycles for second backwash, slow rinse, fast rinse.
- ◆ Four methods to initiate regeneration, meter immediate, meter delayed, time clock delayed or pressure differential.
- ◆ 2" water distribution system utilizing hub and laterals for maximum flow rates.
- ◆ Operating pressure 20 – 125 psi / 138 – 861 kpa.
- ◆ Operating temperature 40°F - 110°F (5°C - 44°C).
- ◆ Solid state microprocessor c/w removal front panel, digital display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (totalizer). All 9 cycles are adjustable in second level diagnostics for desired flow rates in each cycle.
- ◆ Double backwash for optimum regeneration cleaning ability and salt efficiency.
- ◆ 24 volt output AC transformer, 12 or 24 hour time clock.
- ◆ 1 – 28 day override on control valve program.
- ◆ Brine tank 30" x 50" and 50" x 60" c/w brine well and safety float. The brine tank has salt capacity of 1,000 lbs and 4,500 lbs.
- ◆ 2" inlet and outlet motorized bypass valve.

## Excalibur Water EWS 2" H Triplex Series Softener SPECIFICATIONS

Model	Softener Tank Dia. X Ht.	Brine Tank Dia. X Ht.	Approx. Space Required Ins - (mm)				Shipping Weight	Shipping Weight
	Inches (mm)	Inches (mm)	Height	Depth	Width		Single Lbs (Kg.)	Triplex Lbs (Kg.)
					Single	Triplex		
EWS ST2H300	24 x 72 (610 x 1829)	30 x 50 (762 x 1290)	93 (2362)	37 (940)	72 (1828)	144 (3657)	960 (432)	2880 (1296)
EWS ST2H450	30 x 72 (762 x 1828)	30 x 50 (762 x 1290)	93 (2362)	37 (940)	78 (1981)	156 (3962)	1310 (580)	3930 (1740)
EWS ST2H600	36 x 72 (914 x 1828)	50 x 60 (1270 x 1524)	93 (2362)	60 (1524)	106 (2692)	318 (8077)	1867 (840)	5601 (2520)
EWS ST2H900	42 x 72 (1066 x 1828)	50 x 60 (1270 x 1524)	93 (2362)	66 (1676)	112 (2844)	336 (8534)	3060 (1377)	9180 (4131)
EWS ST2H1200	48 x 72 (1219 x 1828)	50 x 60 (1270 x 1524)	93 (2362)	72 (1828)	118 (2997)	354 (8892)	3865 (1739)	11,595 (5217)

Model	Capacity Grains Salt @ 10 lbs Salt @ 15 lbs Per Vessel	Total Grains Capacity @ 10 lbs @ 15 lbs	Resin Volume Per Vessel Cubic Ft (Cubic Meters)	Total Resin Capacity Cubic Ft (Cubic Meters)	Flow Rates GPM (LPS)		BKW GPM (LPS)	Salt Per Regeneration Lbs (kg)
					Continuous Flow Rate 15 Psi Pressure Drop	Peak Flow Rate		
					EWS ST2H300	200,000 300,000		
EWS ST2H450	300,000 450,000	900,000 1,350,000	15 (0.42)	45 (1.26)	90 ( 5.68)	110 (6.94)	25 (1.57)	90 (36) 225 (90)
EWS ST2H600	400,000 600,000	1,200,000 1,800,000	20 (0.56)	60 (1.68)	98 ( 6.18)	115 (7.26)	35 (2.20)	120 (48) 300 (120)
EWS ST2H900	600,000 900,000	1,800,000 2,700,000	30 (0.84)	90 (2.52)	107 ( 6.75)	125 ( 7.89)	48 (3.02)	180 (72) 450 (180)
EWS ST2H1200	800,000 1,200,000	2,400,000 3,600,000	40 (1.12)	120 (3.36)	120 ( 7.57)	140 ( 8.83)	63 (3.97)	240 (96) 600 (240)

**Canada**

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