



◆ One brine tank per vessel

Series EWS 2" H Quadplex Commercial Softener

STANDARD FEATURES

- ◆ 2" NPT inlet or outlet / 2 ½" 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 Quadplex 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 Quadplex		Single Lbs (Kg.)	Quadplex Lbs (Kg.)
EWS SQ2H300	24 x 72 (610 x 1829)	30 x 50 (762 x 1290)	93 (2362)	37 (940)	72 (1828)	288 (7315)	960 (432)	3840 (1728)
EWS SQ2H450	30 x 72 (762 x 1828)	30 x 50 (762 x 1290)	93 (2362)	37 (940)	78 (1981)	312 (7924)	1310 (580)	5240 (2320)
EWS SQ2H600	36 x 72 (914 x 1828)	50 x 60 (1270 x 1524)	93 (2362)	60 (1524)	106 (2692)	424 (10,796)	1867 (840)	7468 (3360)
EWS SQ2H900	42 x 72 (1066 x 1828)	50 x 60 (1270 x 1524)	93 (2362)	66 (1676)	112 (2844)	448 (11,379)	3060 (1377)	12,240 (5508)
EWS SQ2H1200	48 x 72 (1219 x 1828)	50 x 60 (1270 x 1524)	93 (2362)	72 (1828)	118 (2997)	472 (11,988)	3865 (1739)	15,460 (6956)

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 SQ2H300	200,000	800,000	10	40	80	100	15	60 (27)
	300,000	1,200,000	(0.28)	(1.12)	(5.05)	(6.31)	(0.94)	150 (68)
EWS SQ2H450	300,000	1,200,000	15	60	90	110	25	90 (41)
	450,000	1,800,000	(0.42)	(1.68)	(5.68)	(6.94)	(1.57)	225 (102)
EWS SQ2H600	400,000	1,600,000	20	80	98	115	35	120 (54)
	600,000	2,400,000	(0.56)	(2.24)	(6.18)	(7.26)	(2.20)	300 (136)
EWS SQ2H900	600,000	2,400,000	30	120	107	125	48	180 (82)
	900,000	3,600,000	(0.84)	(3.36)	(6.75)	(7.89)	(3.02)	450 (204)
EWS SQ2H1200	800,000	3,200,000	40	160	120	140	63	240 (109)
	1,200,000	4,800,000	(1.12)	(4.48)	(7.57)	(8.83)	(3.97)	600 (272)

Canada

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