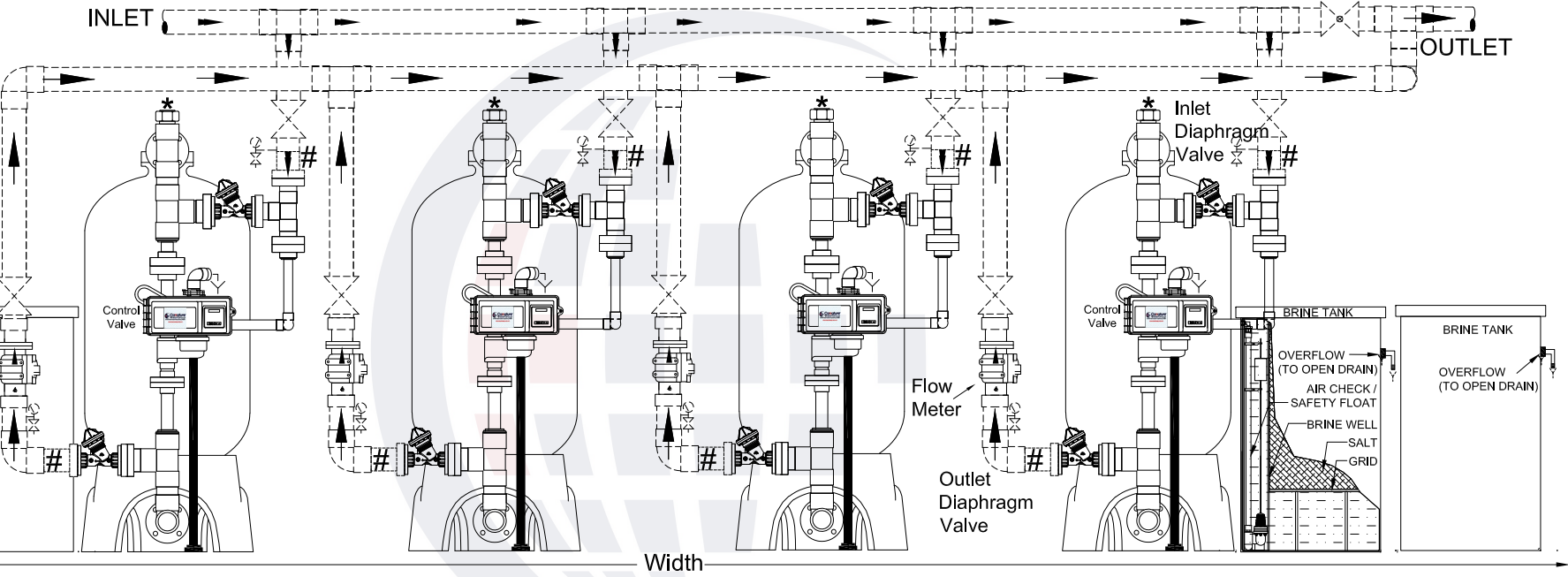


Model (Quadplex)	FLOW RATE IS PER TANK									Dimensions		Installation			Shipping Weight	Operating Weight
	Capacity	Resin	Salt Usage		Critical			3"	Max Flow	Mineral Tank	Brine Tank	Height	Depth	width		
	@6 lbs/ft3 @10 lbs/ft3	ft3 m3	@6 lbs/ft3 kg	@10 lbs/ft3 kg	Flow USGPM	@ 15 PSI USGPM	@ 25 PSI USGPM	To Drain USGPM	l/s	mm	mm	mm	mm	mm	lbs kg	lbs kg
FHF 660-3B"	484,000	22	132	220	110	202	273	45	42 x 72	42 x 48	114	86	403	10,069	40,069	
FHF 720-3B"	594,000	0.62	59.89	99.82	6.94	12.74	17.22	2.84	1067 x 1829	1067 x 1219	2,883	2,184	10,236	4,568	18,180	
FHF 780-3B"	528,000	24	144	240	120	201	269	45	42 x 72	42 x 48	114	86	403	10,578	40,578	
FHF 900-3B"	648,000	0.68	65.34	108.89	7.57	12.68	16.97	2.84	1067 x 1829	1067 x 1219	2,883	2,184	10,236	4,799	18,411	
FHF 900-3B"	572,000	26	156	260	130	197	266	45	42 x 72	42 x 48	114	86	403	11,086	41,086	
FHF 1020-3B"	702,000	0.74	70.78	117.97	8.20	12.43	16.78	2.84	1067 x 1829	1067 x 1219	2,883	2,184	10,236	5,030	18,642	
FHF 1020-3B"	660,000	30	180	300	150	213	284	60	48 x 72	48 x 48	113	91	447	12,838	49,638	
FHF 1080-3B"	810,000	0.85	81.67	136.12	9.46	13.44	17.92	3.79	1220 x 1829	1219 x 1219	2,858	2,311	11,354	5,825	22,522	
FHF 1080-3B"	748,000	34	204	340	170	208	280	60	48 x 72	48 x 48	113	91	447	13,856	50,656	
FHF 1470-3B"	918,000	0.96	92.56	154.26	10.73	13.12	17.67	3.79	1220 x 1829	1219 x 1219	2,858	2,311	11,354	6,287	22,984	
FHF 1470-3B"	792,000	36	216	360	180	205	276	60	48 x 72	48 x 48	113	91	447	14,365	51,165	
FHF 1740-3B"	972,000	1.02	98.00	163.34	11.36	12.93	17.41	3.79	1220 x 1829	1219 x 1219	2,858	2,311	11,354	6,518	23,215	
FHF 1740-3B"	1,276,000	58	348	580	220	220	295	108	63 x 86	70 x 58	115	106	595	29,408	101,808	
FHF 1740-3B"	1,566,000	1.64	157.89	263.16	13.88	13.88	18.61	6.81	1600 x 2184	1778 x 1473	2,908	2,692	15,113	13,343	46,192	

- LEGEND:**
- ⊗ ISOLATION VALVE
  - ⊗ BYPASS VALVE
  - ⊗ PRESSURE GAUGE & SAMPLE POINT
  - ⊗ OPEN DRAIN
  - \* VACUUM BREAKER
  - ▬ RAW WATER LINES
  - ▬ FILTERED WATER LINES
  - ▬ WATER TO OPEN DRAIN
  - ▬ TREATED WATER LINES



Model FHF 900-3B"Q8000

- NOTES:**
- SOFTENER IS EQUIPPED WITH A 115 VOLT, ELECTRONIC SIDE MOUNTED REGENERATION CONTROL VALVE WITH 3" SERVICE INLET AND OUTLET THERMOPLASTIC DIAPHRAGM VALVES.
  - SOFTENER MANIFOLD SUPPLIED (MINERAL TANK TO THE DIAPHRAGM VALVES) IS SCH 80 PVC.
  - FIBERGLASS MINERAL TANKS AND MEDIA ARE NSF APPROVED
  - FIBERGLASS MINERAL TANKS ONLY ARE RATED FOR MAX PRESSURE 150 PSI(1034 KPa)
  - DUE TO SLIGHT EXPANSION AND CONTRACTION OF MINERAL TANK, PIPING MUST BE DESIGNED TO ALLOW SOME MOVEMENT. AS WELL AS BE PROTECTED FROM VACUUM. FLEX CONNECTORS(#) AND A VACUUM BREAKER (\*) MAY BE REQUIRED. \*\*\*FAILURE TO INSTALL EITHER OF THEM OR IMPROPERLY INSTALL THEM MAY VOID THE TANK WARRANTY. COMPLETE UNIT WARRANTY DETAILS ON DOCUMENT #80150800 AVAILABLE ON THE WEB SITE.
  - MAXIMUM RECOMMENDED OPERATING LIMITS ARE 100 PS (690 kpa) AND TEMPERATURE 90° F (32°C).
  - ALL EXTERNAL AND INTERCONNECTING PIPING, FITTINGS, ISOLATION / BYPASS VALVES, PRESSURE GAUGES, SAMPLE POINTS, FLANGES & UNIONS ETC SHOWN BY BROKEN LINES ARE SUPPLIED BY OTHERS
  - SOFTENER UNITS FHF 570 AND LARGER REQUIRE 1" PVC BRINE LINE PIPING NOT SUPPLIED. (BY OTHERS)
  - SYSTEM MUST BE INSTALLED TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL CODES.
  - ALL PIPING MUST BE PROPERLY SUPPORTED AND BRACED TO HANDLE THE THRUST OF THE CHANGE OF WATER FLOW (BY OTHERS).
  - FLOOR DRAINS MUST BE SIZED TO CARRY THE MAX. LISTED FLOW TO DRAIN.
  - DIMENSIONS SHOWN ARE THE \*\*\*MINIMUM\*\*\* REQUIRED. THIS INCLUDES ONLY 6" (153 mm) IN FRONT OF THE SYSTEM AND BETWEEN MINERAL TANKS. THIS ALSO INCLUDES ONLY 3" (76 mm) AROUND THE BRINE TANKS. MORE SPACE IS RECOMMENDED FOR EASY MAINTENANCE. \*\*FOR PIPING CLARITY, EXTRA DISTANCE SHOWN BETWEEN MINERAL TANKS\*\*
  - REFER TO THE INSTALLATION AND OPERATION MANUAL FOR FURTHER DETAILS.

- SYSTEM HAS NO RAW WATER BYPASS DURING REGENERATION AS STANDARD.
- MULTI TANK SOFTENER, IMMEDIATE METER INITIATED.
- DEMAND RECALL SYSTEM. ONE UNIT ALWAYS ON LINE. OTHER UNIT(S) ARE BROUGHT ON LINE BASED ON TOTAL SYSTEM FLOW RATE. UNITS
- SYSTEM INTERLOCKED TO ONLY ALLOW ONE UNIT TO REGENERATE AT A TIME

**HIGH FLOW FHF SERIES SOFTENER 3-2 QUADPLEX DEMAND RECALL SYSTEM**

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Project _____	Date 23/04/024	Rev _____
Dwg # FHF 3-2 Q		0

