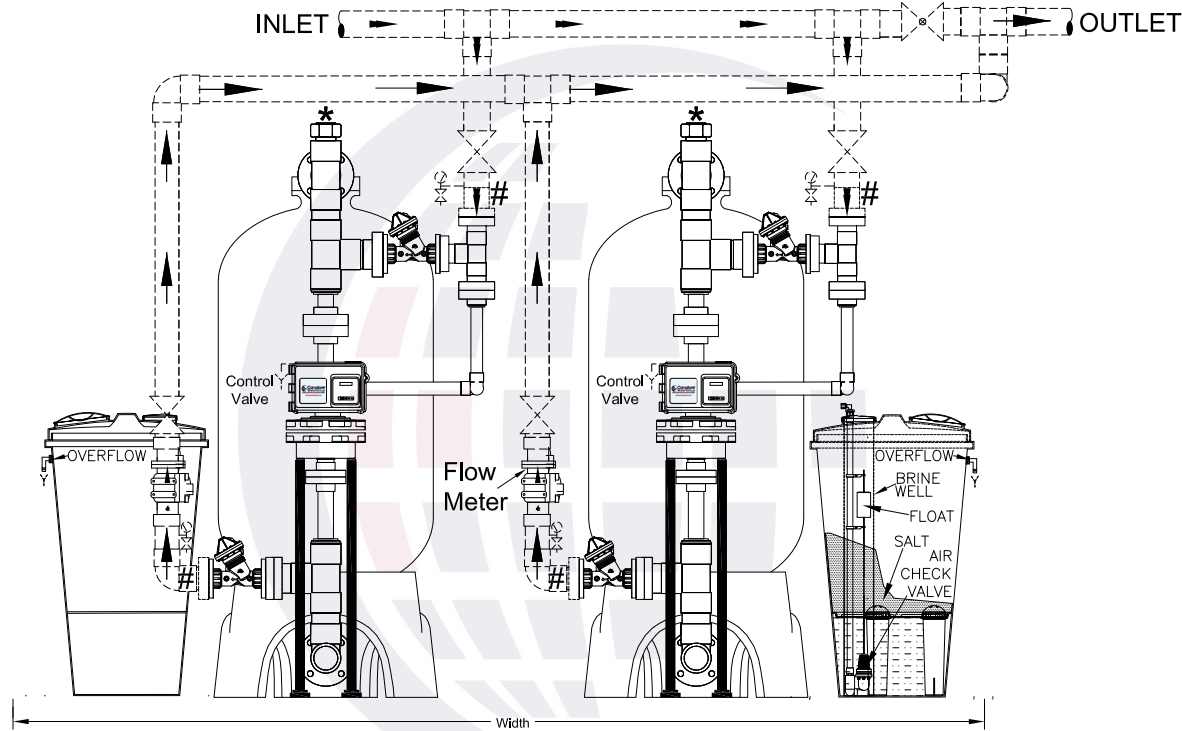


Model (Duplex)	FLOW RATE IS PER TANK								Dimensions		Installation			Shipping Weight	Operating Weight
	Capacity	Resin	Salt Usage		Critical		3"		Max Flow	Mineral Tank	Brine Tank	Height	Depth		
	@6 lbs/ft <sup>3</sup> @10 lbs/ft <sup>3</sup>	ft <sup>3</sup> m <sup>3</sup>	@6 lbs/ft <sup>3</sup> lbs kg	@10 lbs/ft <sup>3</sup> lbs kg	Flow USGPM l/s	@ 15 PSI USGPM l/s	@ 25 PSI USGPM l/s	To Drain USGPM l/s	in mm	in mm	in mm	in mm	in mm	in mm	kg
FHF 360-3C"	264,000	12	72	120	60	156	215	25	30 x 72	33 x 53	107	66	161	2,493	9,293
	324,000	0.34	32.67	54.45	3.79	9.84	13.56	1.58	762 x 1829	840 x 1335	2,705	1,676	4,089	1,131	4,216
FHF 390-3C"	286,000	13	78	130	65	152	210	25	30 x 72	38 x 55	107	66	169	2,658	11,258
	351,000	0.37	35.39	58.98	4.10	9.59	13.25	1.58	762 x 1829	965 x 1397	2,705	1,676	4,293	1,206	5,108
FHF 450-3C"	330,000	15	90	150	75	142	200	25	30 x 72	38 x 55	107	66	169	2,913	11,513
	405,000	0.42	40.83	68.06	4.73	8.96	12.62	1.58	762 x 1829	965 x 1397	2,705	1,676	4,293	1,322	5,224
FHF 510-3C"	374,000	17	102	170	85	138	190	25	30 x 72	36 x 48	107	66	165	3,011	11,611
	459,000	0.48	46.28	77.13	5.36	8.71	11.99	1.58	762 x 1829	914 x 1220	2,705	1,676	4,191	1,366	5,268
FHF 570-3C"	418,000	19	114	190	95	180	247	35	36 x 72	36 x 48	106	72	177	3,650	13,050
	513,000	0.54	51.72	86.21	5.99	11.36	15.58	2.21	915 x 1829	914 x 1220	2,680	1,829	4,496	1,656	5,921
FHF 600-3C"	440,000	20	120	200	100	177	245	35	36 x 72	42 x 48	106	72	189	3,834	16,034
	540,000	0.57	54.45	90.74	6.31	11.17	15.46	2.21	915 x 1829	1067 x 1219	2,680	1,829	4,801	1,740	7,275

- 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 450-3C"D8000

**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  
3-1.5 DUPLEX DEMAND RECALL SYSTEM**

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Project _____	Date 23/04/024	Rev _____
	Dwg # FHF 3-1.5 D	0