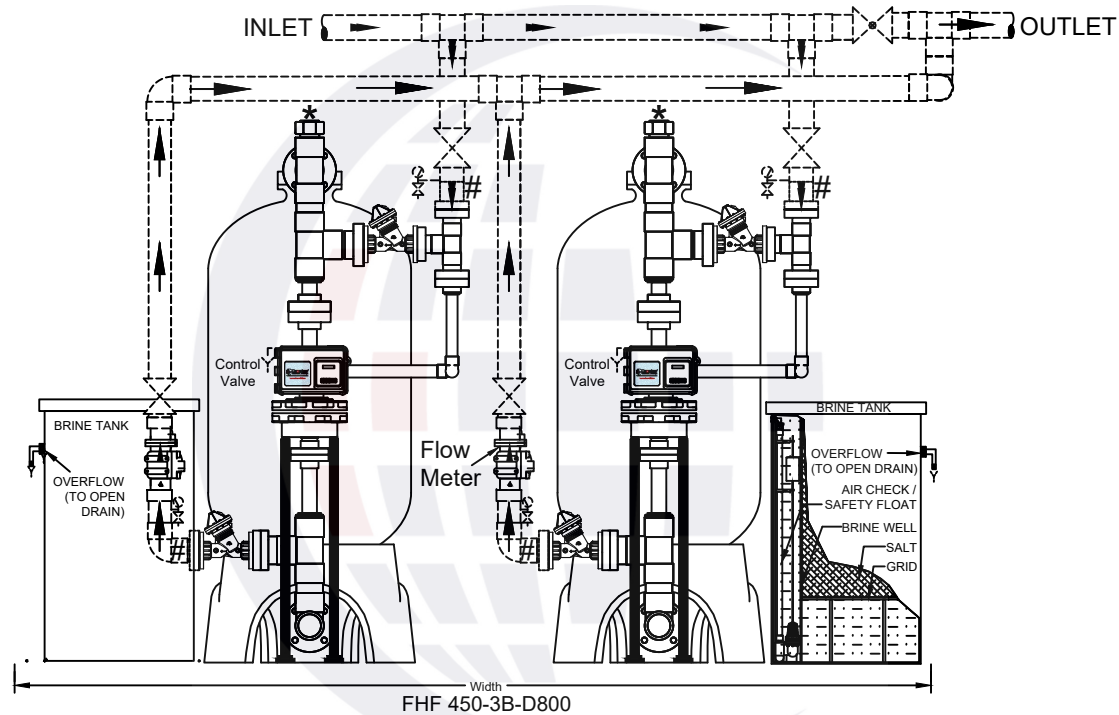


Model Duplex	Capacity @15 lbs/ft ³ @10 lbs/ft ³	Resin ft ³ m ³	Salt Usage		Critical Flow USGPM l/s	3"			Dimensions		Installation			Shipping Weight lbs kg	Operating Weight lbs kg
			@15 lbs/ft ³	@10 lbs/ft ³		@ 15 PSI	@ 25 PSI	Max Flow To Drain USGPM l/s	Mineral Tank in mm	Brine Tank in mm	Height in mm	Depth in mm	width in mm		
			lbs kg	lbs kg		USGPM l/s	USGPM l/s								
FHF 360-3"	360000	12	180	120	60	156	215	25	30 x 72	33 x 53	105	80	154	2540	9340
	324000	0.34	81.8	54.5	3.79	9.84	13.56	1.58	762 x 1829	840 x 1335	2667	2032	3911.6	1154	4246
FHF 390-3"	390000	13	195	130	65	152	210	25	30 x 72	38 x 55	105	80	164	2678	11278
	351000	0.37	88.6	59.1	4.1	9.59	13.25	1.58	762 x 1829	965 x 1397	2667	2032	4165.6	1034	4936
FHF 450-3"	450000	15	225	150	75	142	200	25	30 x 72	38 x 55	105	80	164	2890	11490
	405000	0.42	102.3	68.2	4.73	8.96	12.62	1.58	762 x 1829	965 x 1397	2667	2032	4165.6	1314	5222
FHF 510-3"	510000	17	255	170	85	138	190	25	30 x 72	36 x 48	105	80	160	3102	11702
	459000	0.48	115.9	77.3	5.36	8.71	11.99	1.58	762 x 1829	914 x 1220	2667	2032	4064	1410	5320
FHF 570-3"	570000	19	285	190	95	180	247	35	36 x 72	36 x 48	105	86	172	3454	12854
	513000	0.54	129.5	86.4	5.99	11.36	15.58	2.21	915 x 1829	914 x 1220	2667	2184.4	4368.8	1570	5842
FHF 600-3"	600000	20	300	200	100	177	245	35	36 x 72	42 x 48	105	86	184	3608	15808
	540000	0.57	136.4	90.9	6.31	11.17	15.46	2.21	915 x 1829	1067 x 1219	2667	2184.4	4673.6	1640	7186



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

- 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

**HIGH FLOW FHF SERIES SOFTENER
3-1.5 DUPLEX DEMAND RECALL SYSTEM**

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Project _____	Date 01/01/18	Rev _____
	Dwg # FHF 3-1.5 D	0