



Central Texas Water Softeners

Commercial/Industrial Engineering Division

FHF Series Commercial Water Softener

All systems are available in single, duplex, triplex, and quadplex operation

Canature WaterGroup™ has dedicated professional engineers with decades of commercial water treatment experience. Over the years, they have built a reputation for designing efficient, high quality commercial water softener systems.

FHF Series softeners are capable of flow rates of 600 usgpm & more per day*. They are engineered and thoroughly tested to provide years of reliable, trouble-free performance with minimal maintenance.

*Based on Quadplex system with one tank allowed off-line for regeneration at all times.

Operating Parameters

- Operating pressure: 30 - 100 psi
- Operating temperature: 39 - 100° F
- Electrical: Input 120V 60 Hz - Output 24VAC

Materials of Construction

- Control Valve: High flow 3" diaphragm valves handle the service flow rates and the electronic control valve handles the regeneration.
- Resin Tanks: Corrosion resistant fibreglass reinforced polyethylene NSF 61
- Brine Tank: High density polyethylene (includes brine tank salt grid assembly, brine well & cap, air check and safety float)
- Ion Exchange Resin: High Capacity IAPMO certified 8% Canature resin
- Internal Distribution

Standard Features

- Electronic side mounted controller
- Demand Flow: Tanks come on- or off-line according to the flow rate demand so that the system is always operating at optimum efficiency
- Alternating Flow: At least one tank is always off-line for regeneration or ready in standby
- Parallel Flow: All tanks are on-line and interlocked so only one can regenerate at a time
- System Interlock: A signal from other equipment can be accepted to lock out and prevent the system from regenerating
- Advanced Diagnostic Information: Easily trouble shoot and access system information displayed in real time

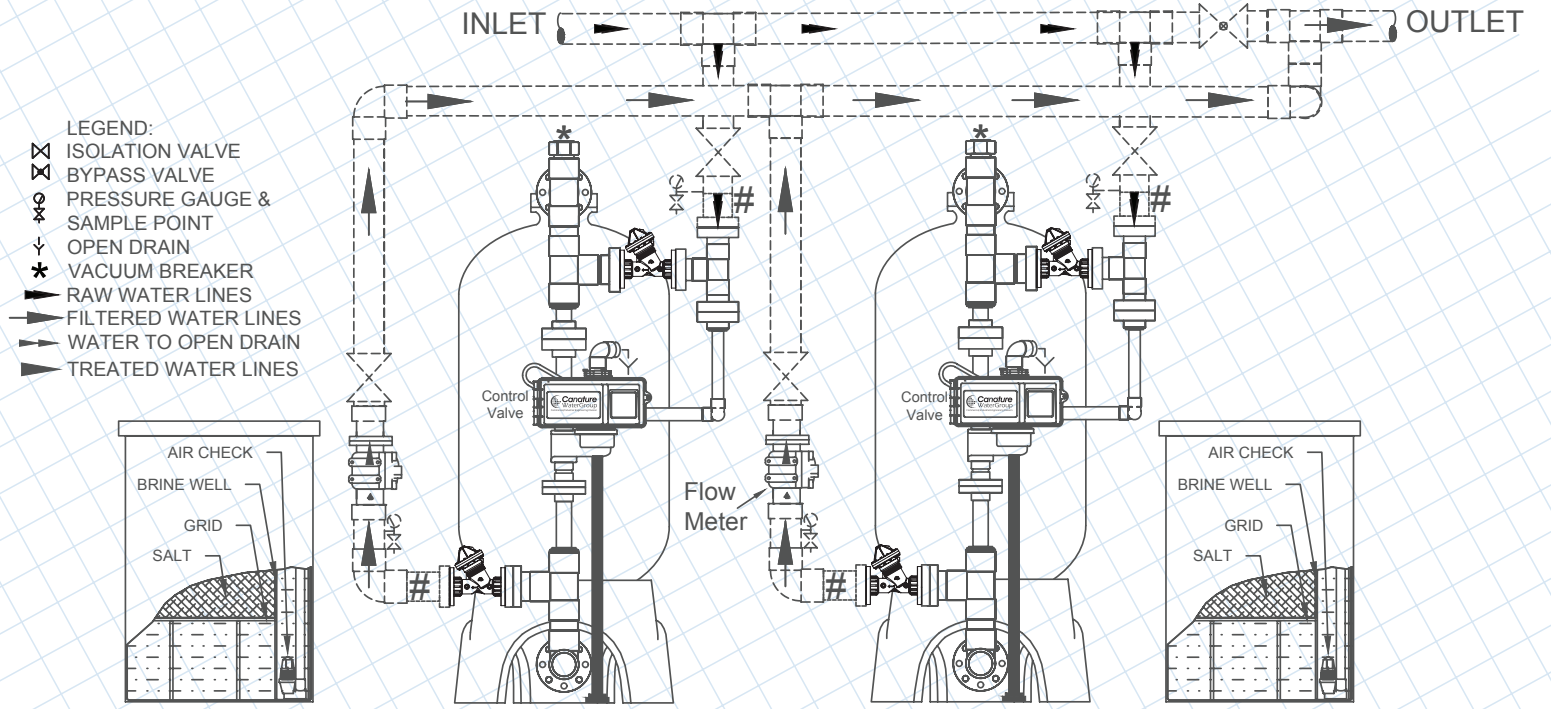


For Applications Such As:

- Apartments • Boiler Treatment • Cooling Towers • Hotels • Schools • Nursing Homes
- Car Wash • Dairies • Factories • Laundromats • Office Buildings • Resorts
- Restaurants • RO Pre-treatment • Office Buildings • Hospitals

FHF Series Specifications

Model Single	Capacity	Resin	Salt Usage		Critical	3"		Max Flow	Dimensions		Installation			Shipping Weight	Operating Weight
	@6 lbs/ft3	ft3	@6 lbs/ft3	@10 lbs/ft3	Flow	@ 15 PSI	@ 25 PSI	To Drain	Mineral Tank	Brine Tank	Height	Depth	width		
	@10 lbs/ft3	m3	lbs	lbs	USGPM	USGPM	USGPM	USGPM	in	in	in	in	in		
			kg	kg	l/s	l/s	l/s	l/s	mm	mm	mm	mm	mm		
FHF 360-3C"	308,000	14	84	140	60	156	215	25	30 x 72	33 x 53	105	65	77	1,270	4,670
	324,000	0.34	38.11	63.52	3.79	9.84	13.56	1.58	762 x 1829	840 x 1335	2,667	1,651	1,956	577	2,123
FHF 390-3C"	286,000	13	78	130	65	152	210	25	30 x 72	38 x 55	105	65	82	1,339	5,639
	351,000	0.37	35.39	58.98	4.1	9.59	13.25	1.58	762 x 1829	965 x 1397	2,667	1,651	2,083	517	2,468
FHF 450-3C"	330,000	15	90	150	75	142	200	25	30 x 72	38 x 55	105	65	82	1,445	5,745
	405,000	0.42	40.83	68.06	4.73	8.96	12.62	1.58	762 x 1829	965 x 1397	2,667	1,651	2,083	657	2,611
FHF 510-3C"	374,000	17	102	170	85	138	190	25	30 x 72	36 x 48	105	65	80	1,551	5,851
	459,000	0.48	46.28	77.13	5.36	8.71	11.99	1.58	762 x 1829	914 x 1220	2,667	1,651	2,032	705	2,660
FHF 570-3C"	418,000	19	114	190	95	180	247	35	36 x 72	36 x 48	105	71	86	1,727	6,427
	513,000	0.54	51.72	86.21	5.99	11.36	15.58	2.21	915 x 1829	914 x 1220	2,667	1,803	2,184	785	2,921
FHF 600-3C"	440,000	20	120	200	100	177	245	35	36 x 72	42 x 48	105	71	92	1,804	7,904
	540,000	0.57	54.45	90.74	6.31	11.17	15.46	2.21	915 x 1829	1067 x 1219	2,667	1,803	2,337	820	3,593
FHF 660-3B"	484,000	22	132	220	110	202	273	45	42 x 72	42 x 48	113	79	98	1,990	9,490
	594,000	0.62	59.89	99.82	6.94	12.74	17.22	2.84	1067 x 1829	1067 x 1219	2,870	1,994	2,489	905	4,314
FHF 720-3B"	528,000	24	144	240	120	201	269	45	42 x 72	42 x 48	113	79	98	2,096	9,596
	648,000	0.68	65.34	108.89	7.57	12.68	16.97	2.84	1067 x 1829	1067 x 1219	2,870	1,994	2,489	953	4,362
FHF 780-3B"	572,000	26	156	260	130	197	266	45	42 x 72	42 x 48	113	79	98	2,202	9,702
	702,000	0.74	70.78	117.97	8.2	12.43	16.78	2.84	1067 x 1829	1067 x 1219	2,870	1,994	2,489	1,001	4,410
FHF 900-3B"	660,000	30	180	300	150	213	284	60	48 x 72	48 x 48	115	85	110	2,555	11,755
	810,000	0.85	81.67	136.12	9.46	13.44	17.92	3.79	1220 x 1829	1219 x 1219	2,921	2,146	2,794	1,161	5,343
FHF 1020-3B"	748,000	34	204	340	170	208	280	60	48 x 72	48 x 48	115	85	110	2,767	11,967
	918,000	0.96	92.56	154.26	10.73	13.12	17.67	3.79	1220 x 1829	1219 x 1219	2,921	2,146	2,794	1,258	5,440
FHF 1080-3B"	792,000	36	216	360	180	205	276	60	48 x 72	48 x 48	115	85	110	2,873	12,073
	972,000	1.02	98.00	163.34	11.36	12.93	17.41	3.79	1220 x 1829	1219 x 1219	2,921	2,146	2,794	1,306	5,488
FHF 1740-3B"	1,276,000	58	348	580	220	220	295	108	63 x 86	70 x 58	118	100	147	4,589	22,689
	1,566,000	1.64	157.89	263.16	13.88	13.88	18.61	6.81	1600 x 2184	1778 x 1473	2,997	2,527	3,734	2,086	10,313



**CENTRAL TEXAS
WATER SOFTENERS**

Call Us Today! 830.730.6799

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