



9000 SERIES

**MAKING WATER SOFT FOR OVER 30 YEARS
NOTHING BEATS THE FEEL OF LUXURY**

THE AUTOMATIC WATER CONDITIONER THAT GIVES YOU MORE!



Features

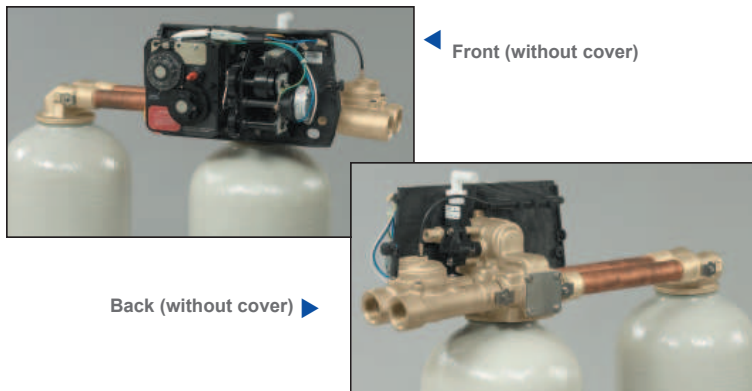
- Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining, slow rinse, rapid rinse, timed brine refill and downflow service
- Perfect for light commercial/heavy residential systems that require twin tank conditioning capabilities
- Backwash capacity handles tanks up to 16"
- Choice of 3/4" or 1" meter satisfies a wide range of operational needs
- Salt and water savings by using 100% capacity of the tank in service before switching to the second tank
- Regenerates immediately when needed for continuous soft water
- Regenerates with soft water and keeps system clean for optimum operating efficiency and minimum maintenance
- Innovative second tank quick connection

Models	FC-45-9000	FC-60-9000	FC-90-9000	FC-120-9000	FC-150-9000	FC-180-9000	FC-240-9000
Exchange Capacity Per Tank Grain @ lb. Salt	Min. 15,000 @5	Min. 20,000 @6	Min. 30,000 @9	Min. 40,000 @11	Min. 50,000 @15	Min. 60,000 @18	Min. 80,000 @24
	Med. 18,000 @6	Med. 24,000 @8	Med. 36,000 @12	Med. 48,000 @16	Med. 60,000 @20	Med. 72,000 @24	Med. 96,000 @ 32
	Max. 22,500 @12	Max. 30,000 @15	Max. 45,000 @23	Max. 60,000 @30	Max. 75,000 @38	Max. 90,000 @45	Max. 120,000 @ 60
Resin (CU Ft) Per Tank	.75	1.0	1.5	2.0	2.5	3.0	4.0
Mineral Tank Size	8x44	9x48	10x54	12X52	13x54	14X65	16x65
Brine Tank Size Salt Storage	18x33 300 lbs	18x33 300 lbs	18x33 300 lbs	18X40 350 lbs	18x40 350 lbs	24X40 550 lbs	24x40 550 lbs
Pipe Size	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
Flow Rate (Cont. 15 psi)	12	14	13	15	16	17	17
(Peak 25 psi)	17	19	18	19	21	22	24
Backwash Rate	1.2	1.5	2.0	3.0	3.0	4.0	5.0

SOLD BY:

PRODUCTS OF





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Options

- Bypass valve (Fiber-reinforced polymer or lead-free brass*)
- Hot water (150°F max., 1" meter only)
- Auxiliary switches
- 3200 mechanical timer, SXT or XT electronic timer
- Cover with window for electronic timers

Valve Specifications

Valve material	Lead-free brass
Inlet/Outlet	3/4", 1" or 1-1/4"
Cycles	5

Flow Rates (50 psi Inlet) - Valve with meter

Flow rate	1" meter	3/4" meter	3/4" turbine
Continuous (15 psi drop)	21 GPM	18 GPM	19 GPM
Peak (25 psi drop)	28 GPM	24 GPM	25 GPM
Cv (flow at 1 psi drop)	5.1	4.8	5
Max. backwash (25 psi drop)	8.5 GPM	8.5 GPM	8.5 GPM

Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	SXT: 0-199 minutes per cycle XT: 0-240 minutes per cycle

Meter Information

Meter accuracy	
1"	.7 - 40 GPM +/- 5%
3/4"	.25 - 15 GPM +/- 5%
Meter capacity range (gal.)	
1"	Standard: 310 - 5,270 Extended: 1,550 - 26,350 SXT: 1 - 999,900 XT: 1,000 - 9,900,000
3/4"	Standard: 125 - 2,125 Extended: 625 - 10,625 SXT: 1 - 999,900 XT: 1,000 - 9,900,000

Dimensions

Distributor pilot	1.05" O.D.
Drain line	1/2" NPT
Injector brine system	1600
Brine line	3/8"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	6-1/2"

Typical Applications

Water softener	6" - 16" diameter
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Additional Information

Electrical rating	24 v, 110 v, 220 v - 50 Hz, 60 Hz
Estimated shipping weight	3/4" Metered valve: 19 lbs. 1" Metered valve: 23 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F (cold water) 34° - 180° F (hot water)

Approvals

NSF Standard 44 Certified	1 - 4 cu. ft.
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* As defined in the U.S. EPA Safe Drinking Water Act product also meets California Proposition 65 Standards