



9500 TWIN SERIES

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

THE AUTOMATIC WATER CONDITIONER THAT GIVES YOU MORE!

9500 TWIN SERIES



- Ideal for apartments, large homes, motels, laundries, schools, restaurants and institutional applications where soft water is required 24/7
- Fully adjustable 5 cycle control delivers controlled upflow backwash, downflow brining, slow rinse, rapid rinse and downflow service
- Rugged, long life construction features lead free brass valve body
- Regenerates with soft water keeping the system clean for optimum operating efficiency and minimum maintenance
- Regenerates immediately when needed alternating tanks for soft water 24/7
- Available with 3200 mechanical or SXT electronic meter (shown)

Meter Specifications

METER SIZE	ACCURACY (±5%) RANGE (gpm)	Mechanical	
		CAPACITY RANGE STANDARD (gals)	CAPACITY RANGE EXTENDED (gals)
1"	0.70 - 40.0	310 - 5,270	1,150 - 26,350
1-1/2"	1.50 - 75.0	625 - 10,625	3,125 - 53,125
SXT Electronic		1 - 999,999 (Grains)	

Models	FC-150-T9500	FC-180-T9500	FC-240-T9500	FC-300-T9500	FC-360-T9500	FC-420-T9500	FC-480-T9500	FC-600-T9500
Exchange Capacity Per Tank	Min. 50,000 @ 15	Min. 60,000 @ 18	Min. 80,000 @ 24	Min. 100,000 @ 30	Min. 120,000 @ 36	Min. 140,000 @ 42	Min. 160,000 @ 48	Min. 200,000 @ 60
Grain @ lb. Salt	Med. 60,000 @ 20	Med. 72,000 @ 24	Med. 96,000 @ 32	Med. 120,000 @ 40	Med. 144,000 @ 48	Med. 168,000 @ 56	Med. 192,000 @ 64	Med. 240,000 @ 80
	Max. 75,000 @ 38	Max. 90,000 @ 45	Max. 120,000 @ 60	Max. 150,000 @ 75	Max. 180,000 @ 90	Max. 210,000 @ 105	Max. 240,000 @ 120	Max. 300,000 @ 150
Resin (Cu Ft) Per Tank	2.5	3.0	4.0	5.0	6.0	7.0	8.0	10.0
Mineral Tank Size	13" x 54"	14" x 65"	16" x 65"	18" x 65"	21" x 62"	21" x 62"	24" x 72"	24" x 72"
Brine Tank Size Salt Storage	18" x 40" 450 lbs.	24" x 41" 550 lbs.	24" x 50" 700 lbs.	24" x 50" 700 lbs.	24" x 50" 700 lbs.	24" x 50" 700 lbs.	24" x 50" 700 lbs.	24" x 50" 700 lbs.
Pipe Size	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"
Flow Rate (Cont. 15 psi)	25	26	29	32	35	34	37	35
(Peak 25 psi)	35	37	40	42	47	46	49	47
Backwash Rate	4.0 gpm	5.0 gpm	7.0 gpm	9.0 gpm	12.0 gpm	12.0 gpm	15.0 gpm	15.0 gpm

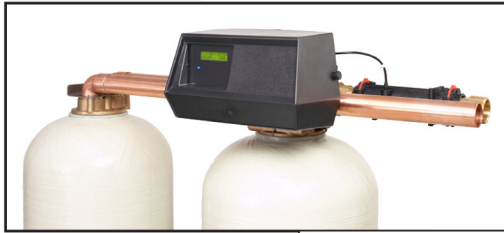
SOLD BY:

PRODUCTS OF



Model 9500

1.5" Twin Tank Control Valve



Features

- Fully adjustable 5-cycle control delivers controlled upflow backwash, downflow brining, slow rinse, rapid rinse, timed brine refill and downflow service
- Easily-adjustable, 5-cycle, downflow-brining control
- Backwash capability handles up to 24" diameter tanks eliminating excessive, space wasting multiple tank installations
- Rugged, long-life construction features a lead-free brass* valve body
- Total flexibility in meter and timer setting
- Satisfies operational needs from 310 to 53,125 gallons
- Uses conditioned water for regeneration
- 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

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	1-1/2" NPTF
Cycles	5

Flow Rates (50 psi Inlet) - Valve Alone

Continuous (15 psi drop)	38 GPM
Peak (25 psi drop)	49 GPM
Cv (flow at 1 psi drop)	9.8
Max. backwash (25 psi drop)	16 GPM

Regeneration

Downflow/Upflow	Downflow only
Adjustable cycles	Yes
Time available	Electromechanical: 82 or 164 minutes SXT: 0 - 199 minutes per cycle XT: 240 minutes per cycle

Meter Information

Meter accuracy	1-1/2 - 75 GPM
Meter capacity range (gal.)	Standard: 625 - 10,625 Extended: 3,125 - 53,125 SXT: 1 - 999,900 XT: 1,000 - 9,900,000

Dimensions

Distributor pilot	1.5" pipe I.D.
Drain line	1" NPTM
Injector brine system	1/2" & 3/8"
Mounting base	4" - 8 UN
Height from top of tank	7-1/4"

Typical Applications

Water softener	10" - 24" diameter
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Additional Information

Electrical rating	24 v, 110 v, 200 v - 50 Hz, 60 Hz
Max. VA	8.9
Estimated shipping weight	Metered value: 48 lbs.
Pressure	Hydrostatic: 300 psi Working: 25 - 125 psi
Temperature	34° - 110° F

* As defined in the U.S. EPA Safe Drinking Water Act; the product also meets California Proposition 65 Standards



TESTED AND CERTIFIED by the WQA
to NSF/ANSI STD. 61 Section 8
Material Safety Only and ANNEX "G"

PRODUCTS OF

