

FLECK® 9500

1-1/2 INCH TWIN TANK CONTROL VALVE



FEATURES/BENEFITS

- Lead free brass valve body for superior strength and durability
- Continuous service flow rate of 38 GPM with a backwash of 16 GPM
- Backwash capability accommodates softener tanks up to 24"
- Fully adjustable 5-cycle control for efficient and reliable water treatment system
- Time-tested, hydraulically-balanced piston for service and regeneration
- Rugged-built electromechanical timer designed with heavy duty 3/8" wide plastic gears
- 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 keeping system clean for optimum operating efficiency and minimum maintenance

OPTIONS

- Brine cam auxiliary switch
- Electromechanical timer auxiliary switch
- Hot water
- SXT**-Large LCD display and user-selectable time clock or metered function; usable for filtration and softener systems
- XT**- Offers a two-line, 16 character LCD backlit display for easy entering of master and user programming as well as view of diagnostics
- Electromechanical Timer**- Simple to adjust and easy to service with quick access to all internal components



TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 61 Section 8 Material Safety Only.



TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 372 for Lead Free Compliance.



UL recognized to 979



Restriction of Hazardous Substance Compliant

VALVE SPECIFICATIONS

Valve Material	Lead-free brass*
Inlet/Outlet	1-1/2" NPTF/BSPF
Cycles	5

FLOW RATES (50 PSI INLET) – VALVE ALONE

Continuous 15 psi drop	38 GPM (8.6 m ³ /h)
Peak 25 psi drop	49 GPM (11.1 m ³ /h)
Cv flow at 1 psi drop	9.8
Max. Backwash 25 psi drop	16 GPM (3.6 m ³ /h)

REGENERATION

Downflow/Upflow	Downflow only
Adjustable Cycles	Yes
Time Available	
Electromechanical:	0 - 164 min/regeneration
SXT:	0 - 199 min/cycle
XT:	0 - 240 min/cycle

METER INFORMATION

Meter Accuracy	
1-1/4" Turbine:	2 - 40 GPM +5/-8% (0.45 - 9 m ³ /h)
1-1/2" Paddle:	1.5 - 75 GPM ± 5% (0.34 - 17 m ³ /h)
Meter Capacity Range	
1-1/2" Standard:	625 - 10,625 gal (2.5 - 40 m ³)
1-1/2" Extended:	3,125 - 53,125 gal (12 - 200 m ³)
SXT:	1 - 999,900 gal (0 - 3,785 m ³)
XT:	1,000 - 9,900,000 gal (3.8 - 37,476 m ³)

DIMENSIONS

Distributor Pilot	1.9" O.D. (50 mm)
Drain Line	1" NPTM
Brine Valve	
1600 or 1650:	3/8"
1700 or 1710:	1/2"
Injector System	1600 or 1700
Mounting Base	1/2" – 8 UN
Height from Top of Tank	7.25" (184 mm)
Riser Tube Diameter	1-1/2" (38 mm)
Riser Height	1/4" Below top of tank

TYPICAL APPLICATIONS

Water Softener	10 - 24" diameter
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ADDITIONAL INFORMATION

Electrical Rating	24/110/220V 50/60 Hz
Max VA	8.9
Estimated Shipping Weight	
Metered Valve:	48 lbs
Pressure	
Hydrostatic:	300 psi (20 bar)
Working:	20 - 125 psi (1.4 - 8.5 bar)
Temperature	
Cold Water Valve:	34 - 110°F (1 - 43°C)
Hot Water Valve:	34 - 150°F (1 - 66°C)
Metered 1600, Brine System 1700	

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



FILTRATION & PROCESS

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