

# 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

Electro-mechanical timer auxiliary switch

Hot water

**XT-** Offers a two-line, 16 character LCD backlit display for easy entering of master and user programming as well as view of diagnostics.

**SXT-** Large LCD display and user-selectable time clock or metered function; usable for filtration and softener systems.

**Electro-mechanical Timer-** Simple to adjust and easy to service with quick access to all internal components.



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



TESTED and CERTIFIED by the WQA to NFS/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      |
| Cycles         | 5                |

## FLOW RATES (50 PSI INLET) – VALVE ALONE

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

## REGENERATION

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Downflow/Upflow   | Downflow only                                                                                          |
| Adjustable Cycles | Yes                                                                                                    |
| Time Available    | Electromechanical:<br>82 or 164 minutes<br>SXT: 0 - 199 minutes per cycle<br>XT: 240 minutes per cycle |

## METER INFORMATION

|                                |                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------|
| Meter Accuracy                 | 1.5 - 75 GPM                                                                                    |
| Meter Capacity<br>Range (gal.) | Standard: 625 - 10,625<br>Extended: 3,125 - 53,125<br>SXT: 1 - 999 900<br>XT: 1,000 - 9,900,000 |

## DIMENSIONS

|                            |                   |
|----------------------------|-------------------|
| Distributor Pilot          | 1.9" O.D.         |
| Drain Line                 | 1" NPTM           |
| Injector Brine System      | 1600 or 1650 3/8" |
| Brine Line                 | 1700 or 1710 1/2" |
| Mounting Base              | 4" - 8 UN         |
| Height from<br>Top of Tank | 7.25"             |

## TYPICAL APPLICATIONS

|                |                  |
|----------------|------------------|
| Water Softener | 10"-24" diameter |
|----------------|------------------|

## ADDITIONAL INFORMATION

|                              |                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Electrical Rating            | 24V, 110V, 220V; 50 Hz, 60 Hz                                                                                      |
| Max. VA                      | 8.9                                                                                                                |
| Estimated<br>Shipping Weight | Metered valve: 48 lbs                                                                                              |
| Pressure                     | Hydrostatic: 300 psi<br>(20 bar)<br>Working: 20 - 125 psi<br>(1,4 - 8,5 bar)                                       |
| Temperature                  | Cold Water Valve<br>34-110°F (1-43°C)<br>Hot Water Valve<br>34-150°F (1-66°C)<br>Metered 1600 or 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.



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