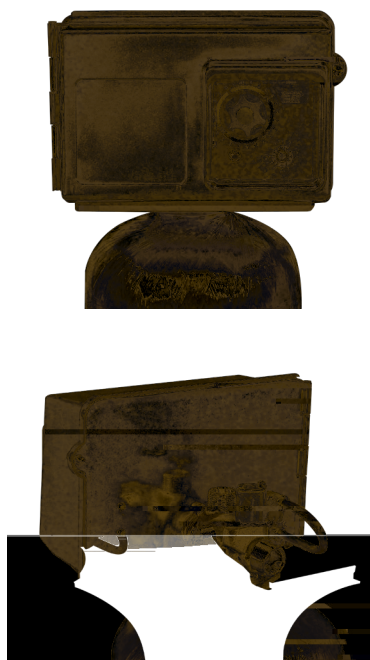


# FLECK® 2750

## 1-INCH CONTROL VALVE

IDEAL FOR RESIDENTIAL OR COMMERCIAL FILTER AND SOFTENER APPLICATIONS



### FEATURES/BENEFITS

Lead-free brass valve body for superior strength and durability

Continuous service flow rate of 26 GPM with a backwash of 25 GPM

Backwash capability accommodates softener tanks up to 30" and filter up to 21" in diameter

Fully adjustable 3- or 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

### OPTIONS

Filter or softener control valves

No hard water bypass piston

Brine cam auxiliary switch

Electromechanical timer auxiliary switch

Hot water

Electromechanical 7- or 12-day time clock, meter delayed, or meter immediate regeneration

Manual lever operations

**NXT-** Network controller uses on-board communication capabilities to link multiple valves (via off-the-shelf CAT3, CAT5, or better cables) for system types 4,5,6,7,9, and 14.

**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" NPTM/BSPM     |
| Cycles         | 3 or 5           |

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

|                              |                                   |
|------------------------------|-----------------------------------|
| Continuous<br>15 psi drop    | 26 GPM<br>(5.9 m <sup>3</sup> /h) |
| Peak<br>25 psi drop          | 33 GPM<br>(7.5 m <sup>3</sup> /h) |
| Cv<br>flow at 1 psi drop     | 6.8                               |
| Max. Backwash<br>25 psi drop | 25 GPM (5.7 m <sup>3</sup> /h)    |

## REGENERATION

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

## METER INFORMATION

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Meter Accuracy       |                                                         |
| 3/4" Paddle:         | 0.25 - 15 GPM ± 5%<br>(0.06 - 3 m <sup>3</sup> /h)      |
| 1" Paddle:           | 0.7 - 40 GPM ± 5%<br>(0.16 - 9 m <sup>3</sup> /h)       |
| 1" Turbine:          | 2 - 40 GPM +5/-8%<br>(0.45 - 9 m <sup>3</sup> /h)       |
| Meter Capacity Range |                                                         |
| 3/4" Standard:       | 125 - 2,125 gal<br>(0.5 - 8 m <sup>3</sup> )            |
| 3/4" Extended:       | 625 - 10,625 gal<br>(2.5 - 40 m <sup>3</sup> )          |
| 1" Standard:         | 310 - 5,270 gal<br>(1.2 - 20 m <sup>3</sup> )           |
| 1" Extended:         | 1,550 - 26,350 gal<br>(6 - 100 m <sup>3</sup> )         |
| SXT:                 | 1 - 999,900 gal<br>(0 - 3,785 m <sup>3</sup> )          |
| NXT:                 | 1 - 9,900,000 gal<br>(0 - 37,476 m <sup>3</sup> )       |
| XT:                  | 1,000 - 9,900,000 gal<br>(3.8 - 37,476 m <sup>3</sup> ) |

## DIMENSIONS

|                            |                        |
|----------------------------|------------------------|
| Distributor Pilot          | 1.05" O.D. (26.7 mm)   |
| Drain Line                 | 3/4" NPTM              |
| Brine Valve                |                        |
| 1600 or 1650:              | 3/8"                   |
| 1700 or 1710:              | 1/2"                   |
| Injector System            | 1600 or 1700           |
| Mounting Base              | 2.5" - 8 NPSM          |
| Height from<br>Top of Tank | 6.5" (165 mm)          |
| Riser Tube Diameter        | 3/4" (19 mm)           |
| Riser Height               | Flush with top of tank |

## TYPICAL APPLICATIONS

|                |                                                      |
|----------------|------------------------------------------------------|
| Water Softener | 10 - 30" diameter                                    |
| Filters        | 10 - 21" diameter<br>based on 10 GPM/ft <sup>2</sup> |

## ADDITIONAL INFORMATION

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Electrical Rating                     | 24/110/220V<br>50/60 Hz         |
| Estimated Shipping Weight             |                                 |
| Time Clock:                           | 13 lbs                          |
| Metered Valve:                        | 26 lbs                          |
| Pressure                              |                                 |
| Hydrostatic:                          | 300 psi<br>(20 bar)             |
| Working:                              | 20 - 125 psi<br>(1.4 - 8.5 bar) |
| Temperature                           |                                 |
| Cold Water Valve:                     | 34 - 110°F (1 - 43°C)           |
| Hot Water Valve:                      | 34 - 180°F (1 - 82°C)           |
| Filter, Time Clock, 1600 Brine System |                                 |
| Hot Water Valve:                      | 34 - 150°F (1 - 66°C)           |
| Meter, 1700 Brine System              |                                 |

\*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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