

# FLECK® 2900s

## 2-INCH CONTROL VALVE

### FEATURES/BENEFITS

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Lead-free brass valve body for superior strength and durability

Continuous service flow rate of 106 GPM with a backwash of 36 GPM

Backwash capability accommodates softener tanks up to 36" and filter up to 24" in diameter

Fully adjustable 3- or 5-cycle control for efficient and reliable water treatment system

Designed for single or multiple tank systems

Environmental protective cover for water resistance, corrosion resistance, and UV stability

Time-tested, hydraulically-balanced piston for service and regeneration

Rugged-built electromechanical timer designed with heavy duty 3/8" wide plastic gears

### OPTIONS

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Filter or softener control valves

Downflow co-current or upflow counter-current regeneration

No hard water bypass piston

Brine cam auxiliary switch

Electromechanical timer auxiliary switch

Hot water

Treated water regeneration

Versatile top or side mount

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

**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

**XT-** Offers a two-line, 16 character LCD backlit display for easy entering of master and user programing 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.

## VALVE SPECIFICATIONS

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

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

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|                              |                                  |
|------------------------------|----------------------------------|
| Continuous<br>15 psi drop    | 106 GPM (24.1 m <sup>3</sup> /h) |
| Peak<br>25 psi drop          | 140 GPM (31.8 m <sup>3</sup> /h) |
| Cv<br>flow at 1 psi drop     | 27.5                             |
| Max. Backwash<br>25 psi drop | 36 GPM (8.2 m <sup>3</sup> /h)   |

## REGENERATION

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

## METER INFORMATION

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Meter Accuracy  
2" Paddle:



### FILTRATION & PROCESS

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