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Fleck Model: 2815



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Features

Valve Specifications

Valve Material	Stainless Steel - 316 Grade
Inlet/Outlet	1-1/2" NPT
Cycles	3 or 5

Flow rates (50 PSI Inlet) - Valve Alone

Continuous (15 PSI Drop)	70 GPM(265.0 LPM)
Peak (25 PSI Drop)	90 GPM(340.7 LPM)
CV**	18 GPM(68.1 LPM)
Max.Backwash (25 PSI Drop)	70 GPM(265.0 LPM)

Regeneration

Downflow/Upflow	Downflow only
Adjustable	Yes



- 316 grade stainless steel valve body for superior strength and durability
- Continuous service flow rate of 70 GPM with a backwash of 70 GPM
- Backwash capability accommodates softener tanks up to 36" in diameter and filter tanks up to 30" in diameter
- Fully adjustable 3- or 5-cycle control for efficient and reliable water treatment system operation
- Designed for single or multiple tank systems
- Corrosion resistant, UV stabilized NEMA 3R rated cover provides protection against water intrusion
- Time-tested, hydraulically-balanced piston for service and regeneration
- Seal and spacer cartridge simplifies service

Options

- NPT Stainless Steel
- 100-240 VAC operating range with multiple power plug choices (some models)
- No hard water bypass piston
- Brine cam auxiliary switch
- Electromechanical timer auxiliary switch
- Black cover with black bezel. Optional blue or silver bezels only sold separately
- **XTR2**– Premium controller with large color LCD touch screen display offers intuitive navigation and a full complement of advanced features for system type 4 softeners and filters
- **SXT**– Large LCD display and user selectable time clock or metered functionality for softener and filter systems
- **Electromechanical Timer**– Simple to adjust and easy to service with quick access to all internal components
- **3200 Electromechanical Timer**– 7-day or 12-day time clock operation
- **3210 Electromechanical Timer**– Meter delayed operation

Time Available

XTR2: 0 - 240 mi n/cycle

SXT: 0 - 99 mi n/cycle

electromechanical: 0 - 184
min/regeneration

Meter Information

Meter Accuracy Range: 0.7 - 40 gpm +/- 5% (1")
1.5 - 75 gpm +/- 5% (1-1/2")

Meter Capacity Range: XTR2: 1 - 9,999,999 gallons(0 - 99,999 m³)
SXT: 1 - 9,999,999 gallons(0 - 3,785 m³)
1" EM Standard: 325 - 10,625 gallons(1.2 - 20 m³)
1" EM Extended: 3,125 - 53,125 gallons(6 - 100 m³)
1-1/2" EM Standard: 625 - 10,625 gallons(2.5 - 40 m³)
1-1/2" EM Extended: 3,125 - 53,125 gallons(12 - 200 m³)

EM = Electromechanical

Dimensions

Distributor Pilot 1.9" OD Tube(48.3 mm)

Drain Line 1-1/2" NPT

Brine Line 1/2" OD Tube(13 mm)

Injector System 1720

Mounting Base 4"-8 UN

Height from Top of Tank 9"(229 mm)

Riser Height 0.25"(6.3 mm) below flush +/- 0.25"(6.3 mm)

Typical Applications

Water Softener 14"-36" diameter

Filters 14"-30" diameter

Additional Information

Electrical Rating 24/100-240V
50/60 Hz
40VA max.

Estimated Shipping Weight 22 lbs. (10 kg.)

Weight



Pressure

Hydrostatic: 300 psi

Working: 20 - 125 psi

Water Temperature

34° - 150° F



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