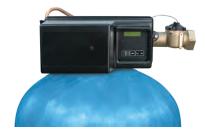
Pure Aqua, Inc. Reverse Osmosis & Water Treatment Systems sales@pureaqua.com +1(714) 432-9996 +1 (844) 309-7501



FLECK[®] 3150 2-INCH CONTROL VALVE

HIGH PROGRAMMABILITY FOR COMMERCIAL/INDUSTRIAL FILTER AND SOFTENER APPLICATIONS







FEATURES/BENEFITS

Lead-free brass valve body for superior strength and durability

Continuous service flow rate of 95 GPM with a backwash of 105 GPM

Backwash capability accommodates softener tanks up to 63" and filter up to 42" in diameter

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

Designed for single or multiple tank systems

OPTIONS

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

Versatile top or side mount

Electromechanical 7- or 12-day time clock, meter delayed, or meter immediate regeneration **NXT-** Network controller uses onboard 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

Environmental protective cover

for water resistance, corrosion resistance, and UV stability

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

wide plastic gears

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

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.



UL recognized to 979



Restriction of Hazardous Substance Compliant

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VALVE SPECIFICATIONS		DIMENSIONS	
Valve Material	Lead-free brass*	Distributor Pilot	2.375" O.D. (63 mm)
Inlet/Outlet	2" NPTF/BSPF	Drain Line	2" NPTF
Cycles	3 or 5	Brine Valve 1600 or 1650:	1"
FLOW RATES (50 PSI INLET) - VALVE ALONE		Injector System	1800
		Mounting Base	4" - 8 UN
Continuous 15 psi drop	95 GPM (21.6 m ³ /h)	Height from Top of Tank	10" (254 mm)
Peak	124 GPM (28.2 m³/h)	Riser Tube Diameter	2" (51 mm)
25 psi drop Cv	24.8	Riser Height	1/4" Below top of tank
flow at 1 psi drop Max. Backwash 25 psi drop	105 GPM (23.8 m ³ /h)	TYPICAL APPLICATIONS	
		Water Softener	14 - 63" diameter
REGENERATION		Filter	14 - 42" diameter
Downflow/Upflow	Both	ADDITIONAL INFORMATION	
Adjustable Cycles	Yes		0 / / / / 0 / 0 0 0 /
Time Available Electromechanical:	0 - 164 min/regeneration	Electrical Rating	24/110/220V; 50/60 Hz
NXT: XT:	0 - 240 min/cycle 0 - 240 min/cycle	Estimated Shipping Weight Time Clock:	39 lbs
METER INFORMATION		Metered Valve:	46 lbs
Meter Accuracy 2" Paddle:	3 - 150 GPM ± 5%	Pressure Hydrostatic:	300 psi (20 bar)
	(.68 - 34 m ³ /h)	Working:	20 - 125 psi (1.4 - 8.5 bar)
Meter Capacity Range 2" Standard:	1,250 - 21,250 gal (5 - 75 m³)	Temperature Cold Water Valve:	34 - 110°F (1 - 43°C)
2" Extended:	6,250 - 106,250 gal (24 - 375 m ³) 1 - 9,900,000 gal (0 - 37,476 m ³) 1,000 - 9,900,000 gal (3.8 - 37,476 m ³)	Hot Water Valve:	34 - 180°F (1 - 82°C)
NXT:		Filter	
XT:		Hot Water Valve: Softener No Meter	34 - 150°F (1 - 66°C)

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

