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

Get a Quote www.pureaqua.com



FLECK[®] 5600 Mechanical control valve

ECONOMICAL, TIME-TESTED DESIGN







FEATURES/BENEFITS

Fiber-reinforced polymer valve body for superior strength and durability, non-corrosive, and UV-resistant

Continuous service flow rate of 20 GPM with a backwash of 7 GPM

Backwash capability accommodates softener tanks up to 12" and filter up to 10" in diameter

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

OPTIONS

Filter or softener control valves

Downflow co-current or upflow counter-current regeneration

Brine cam auxiliary switch

Plumbing connections in 3/4"to 1-1/4" NPT, BSP, and sweat

Fiber-reinforced polymer or stainless steel bypass valve

"L"-style backplate

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

Designed with double backwash for reduced hardness leakage

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

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

Swivel attachment for 360° rotation of power head

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 44 for Water Softener Performance.

TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 372 for Lead Free Compliance.



Restriction of Hazardous Substance Compliant

sales@pureaqua.com +1(714) 432-9996 +1 (844) 309-7501

Get a Quote www.pureaqua.com

VALVE SPECIFICATIONS

Valve Material Fiber-reinforc 3/4", 1", or 1-Inlet/Outlet **BSP/Sweat** Cycles 7

FLOW RATES (50 PSI INLET) - VALVE ALONE

Continuous 15 psi drop	20 GPM (4.5 m³/h)
Peak 25 psi drop	26 GPM (5.9 m³/h)
Cv	5.0
flow at 1 psi drop	
Max. Backwash	7 GPM (1.6 m ³ /h)
25 psi drop	

REGENERATION

Downflow/Upflow	Both
Adjustable Cycles	Brine fill only
Time Available Electromechanical	180 min/regeneratio

METER INFORMATION

Meter Accuracy 3/4" Paddle:

Meter Capacity Range 3/4" Standard:

3/4" Extended:

(2.5 - 40 m³)

DIMENSIONS

Fiber-reinforced polymer 3/4", 1", or 1-1/4" NPT/	Distributor Pilot	0.8125" or 1.05" O.D. (26.7 mm)	
BSP/Sweat	Drain Line	1/2" NPTF	
7	Brine Valve 1600:	3/8"	
ALVE ALONE	Injector System	1600	
20.00M	Mounting Base	2.5"– 8 NPSM	
20 GPM (4.5 m³/h) 26 GPM	Height from Top of Tank	7" (178 mm)	
(5.9 m ³ /h)	Riser Tube Diameter	3/4" (19 mm)	
5.0	Riser Height	Flush with top of tank	
7 GPM (1.6 m³/h)	TYPICAL APPLICATIONS		
	Water Softener	6 - 12" diameter	
	Filters	8 - 10" diameter based on 10 GPM/ft ²	
Both			
Brine fill only	ADDITIONAL INFORMATION		
180 min/regeneration	Electrical Rating	24/110/220V 50/60 Hz	
	Estimated Shipping Weight Time Clock:	5 lbs	
	Metered Valve:	6 lbs	
0.25 - 15 GPM ± 5% (0.06 - 3 m³/h)	Pressure Hydrostatic:	300 psi (20 bar)	
125 - 2,125 gal (0.5 - 8 m³) 625 - 10,625 gal	Working:	20 - 125 psi (1.4 - 8.5 bar)	
	Temperature		

Temperature Cold Water Valve:

34 - 110°F (1 - 43°C)



All Pentair trademarks and logos are owned by Pentair, Inc. or its affiliates. All other registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services. Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

40730 REV E JL14 © 2013 Pentair Residential Filtration, LLC. All Rights Reserved.