Pure Aqua, Inc. Reverse Osmosis & Water Treatment Systems

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FLECK[®] 4650 HOT WATER CONTROL VALVE

SEVERAL OPTIONS PERMIT A WIDE VARIETY OF CUSTOM SOLUTIONS







FEATURES/BENEFITS

Lead-free brass valve body for superior strength and durability

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

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

Hot water

Electromechanical 7- to 12-day clock regeneration

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 Timer- Simple to adjust and easy to service with quick access to all internal components

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VAL	VF	SP	ECII	FICA	TIO	NS
TAL		JEI	-01	ICF		115

Valve Material	
Inlet/Outlet	
Cycles	

Lead-free brass* 3/4", 1", or 1-1/4" NPT/ BSP/Sweat 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	5.2
flow at 1 psi drop Max. Backwash	7 GPM (1.6 m³/h)
25 psi drop	

REGENERATION

Downflow/Upflow
Adjustable Cycles
Time Available Electromechanical

180 min/regeneration

Downflow only Brine fill only

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Distribu	itor Pilot	1.05" O.D. (26.7 mm)		
Drain L	ine	1/2" NPTF		
Brine V	alve 1600:	3/8"		
Injector	System	1600		
Mountir	ng Base	2.5"- 8 NPSM		
Height f Top of T		7" (178 mm)		
Riser Tu	ube Diameter	3/4" (19 mm)		
Riser H	eight	Flush with top of tank		
TYPICA	LAPPLICATIONS			
Water S	Softener	6 - 12" diameter		
Filters		6 - 10" diameter		
		based on 10 GPM/ft ²		
ADDITI	ONAL INFORMATION			
	ONAL INFORMATION	24/110/220V 50/60 Hz		
	al Rating			
Electric Max. VA	al Rating	50/60 Hz		
Electric Max. VA	al Rating ted Shipping Weight Time Clock: re	50/60 Hz 3 7 lbs		
Electric Max. VA Estimat	al Rating A ted Shipping Weight Time Clock:	50/60 Hz 3		
Electric Max. VA Estimat	al Rating ted Shipping Weight Time Clock: re	50/60 Hz 3 7 lbs 300 psi		
Electric Max. VA Estimat	al Rating ed Shipping Weight Time Clock: Hydrostatic: Working:	50/60 Hz 3 7 lbs 300 psi (20 bar) 20 - 125 psi		

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



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