Model 9500 1.5" Twin Tank Control Valve

Features

• Fully adjustable 5-cycle control delivers controlled upflow
backwash, downflow brining, slow rinse, rapid rinse, timed brine
refill and downflow service
• Easily-adjustable, 5-cycle, downflow-brining control
• Backwash capability handles up to 24" diameter tanks eliminating excessive, space wasting multiple tank installations
• Rugged, long-life construction features a lead-free brass* valve body
• Total flexibility in meter and timer setting
• Satisfies operational needs from 310 to 53,125 gallons
• Uses conditioned water for regeneration
• Salt and water savings by using 100% capacity of the tank in service before switching to the second tank
• Regenerates immediately when needed for continuous
soft water
• Regenerates with soft water and keeps system clean for optimum operating efficiency and minimum maintenance

Options

• Bypass valve (Fiber-reinforced polymer or lead-free brass*)
• Hot water (150o

F max., 1" meter only)
• Auxiliary switches
• 3200 mechanical timer, SXT or XT electronic timer
• Cover with window for electronic timers

Valve Specifications
Valve material Lead-free brass*
Inlet/Outlet 1-1/2" NPTF
Cycles 5

Flow Rates (50 psi Inlet) - Valve Alone

Continuous (15 psi drop) 38 GPM
Peak (25 psi drop) 49 GPM
Cv (flow at 1 psi drop) 9.8
Max. backwash (25 psi drop) 16 GPM

Regeneration

Downflow/Upflow Downflow only
Adjustable cycles Yes

Time available

Electromechanical:
82 or 164 minutes
SXT: 0 - 199 minutes per cycle
XT: 240 minutes per cycle

Meter Information

Meter accuracy 1-1/2 - 75 GPM

Meter capacity range (gal.)

Standard: 625 - 10,625
Extended: 3,125 - 53,125
SXT: 1 - 999 900
XT: 1,000 - 9,900,000

Dimensions

Distributor pilot 1.5" pipe I.D.
Drain line 1" NPTM
Injector brine system 1/2" & 3/8"
Mounting base 4" - 8 UN
Height from top of tank 7-1/4"

Typical Applications

Water softener 10" - 24" diameter

Additional Information

Electrical rating 24 v, 110 v, 200 v - 50 Hz, 60 Hz
Max. VA 8.9

Estimated shipping weight Metered value: 48 lbs.

Pressure Hydrostatic: 300 psi
Working: 25 - 125 psi
Temperature 34o

- 110o

F

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

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