

# Model 5600

## Mechanical Control Valve



Back (without cover)

### Features

- Simple mechanical design is easy to use
- Two valve body designs: one for downflow regeneration and one for upflow (covers every valve in the 5600 family - quick access to all internal components)
- Injector/drain modules containing the brine valve, flow controls, and injector are removable from the valve's exterior
- Ruggedly-built timer is designed with heavy-duty 3/8" wide plastic gears
- 5600 controls are user-friendly
- Non-corrosive, UV-resistant, fiber-reinforced polymer valve body
- Economical - small annual power consumption; keeps the time and activates the piston/valve mechanics with a single motor
- Designed with double backwash

### Options

- Bypass valve (Fiber-reinforced polymer or stainless steel)
- Low water use piston (uses as little as 29 gal./regeneration)
- Choice of 7 or 12 day clock timers
- Filter or softener control valve
- Upflow or downflow regeneration control valve

### Valve Specifications

Valve material	Fiber-reinforced polymer
Inlet/Outlet	3/4", 1", 1-1/4"
Cycles	7

### Flow Rates (50 psi Inlet) - Valve Alone

Continuous (15 psi drop)	20 GPM
Peak (25 psi drop)	26 GPM
Cv (flow at 1 psi drop)	5
Max. backwash (25 psi drop)	7 GPM

### Regeneration

Downflow/Upflow	Both
Adjustable cycles	Brine fill only
Time available	180 minutes per cycle

### Meter Information

Meter accuracy	.25 - 15 GPM +/- 5%
Meter capacity range (gal.)	Standard: 125 - 2,125 Extended: 625 - 10,625

### Dimensions

Distributor pilot	13/16" or 1.05" O.D.
Drain line	1/2" NPTF
Injector brine system	1600
Brine line	3/8"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7"

### Typical Applications

Water softener	6" - 12" diameter
Filters	8" - 10" diameter

### Electrical rating

24 v, 110 v, 220 v - 50 Hz, 60 Hz *
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### Additional Information

Estimated shipping weight	Time clock: 5 lbs Metered valve: 6 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

### Approvals

NSF Standard 44 Certified
UL registered components

\* 24 VAC Pentair Transformers:  
115 VAC +/- 20% Input, 24 VAC Output  
230 VAC +/- 20% Input, 24 VAC Output

