

Mechanical Control Valve



F series Mechanical Control Valve Model

F11	Mechanical Filter Timer Control Valve
F12	Mechanical Softener Timer Control Valve

F series Mechanical Control Valve

Controller Specifications

Controller Material	Noryl® Plastic
Inlet/Outlet Fittings	1" or 3/4"NPT
Cycles	7
Regeneration	Down Flow

Flow Rate-Valve Only

Service @ 15psi Drop	20gpm
Peak Service @ 25psi Drop	26gpm
Peak Backwash @ 25psi Drop	7gpm
CV Service @ 1 psi Drop	5
CV Backwash @ 1psi Drop	1.8

Flow Rate-System@15psi Drop

8"**44" @ 0.75cf resin	9.5gpm
9"**48" @ 1cf resin	11.5gpm
10"**54" @ 1.5cf resin	11.6gpm
12"**48" @ 2cf resin	12.6gpm

Meter

Accuracy	0.25 ~ 15gpm ± 5%
Capacity Options	Standard: 2100G or 8T Extended: 10800G or 40 T

Dimension

Distributor Pilot	1.05"O.D.
Drain Line	1/2"
Brine Line	3/8"
Mounting Base	2-1/2"-8NPSM
Height from top of tank	7" or 178mm

Operation

Supply Voltage - Frequency	110V~220V/50Hz~60Hz
Max AV	3W
Pressure	Hydrostatic: 300psi Working: 20 ~ 125psi
Temperature	1°C ~ 43°C
Shipping Weight	Timer Type: 1.7Kg or 3.8lbs Meter Type: 2Kg or 4.4lbs

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 F series)
- 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
- F series controls are user-friendly
- Non-corrosive, UV-resistant, fiber-reinforce polymer valve body
- Economical – small annual power consumption; keeps the time and activates the piston/valve mechanics with a single mirror
- 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

