



- Rigid valve body made from Noryl®
- Tested and Certified by NSF International against NSF/ANSI Standard 44
- Tested and Certified by SGS-ROHS
- Tested and Certified by SGS-CE
- Precision piston-seal-spacer assembly
- Low annual power consumption
- Full series DLFC/BLFC/Injector module
- Full series piston selection



F11

## Model

F11-STC	F11 series Mechanical Softener Timer Control Valve
F11-SMM	F11 series Mechanical Softener Meter Control Valve
F11-FTC	F11 series Mechanical Filter Timer Control Valve
F11-FMM	F11 series Mechanical Filter Meter Control Valve

## Specification

### Flow Rate(50PSI/3.5bar)

#### Valve Alone

Continuous(15PSI/1bar Drop)	20GPM/76LPM
Peak(25PSI/1.7bar Drop)	26GPM/98LPM
Max Backwash(25PSI/1.7bar Drop)	7GPM/26LPM
CV(1PSI/0.07bar Drop)	5.0

#### Softener(15PSI/1bar Drop)

8x44 0.75CF/21L resin	9.6GPM/36.5LPM
9x48 1.0CF/29L resin	11.5GPM/43.5LPM
10x54 1.5CF/43L resin	11.8GPM/44.5LPM
12x48 2.0CF/57L resin	12.8GPM/48.5LPM

### Regeneration

Downflow/Upflow	Downflow
Cycles	7
Adjustable cycles	Brine
Time available	180 Minutes

### Flow Meter

Accuracy range	0.25-15GPM/0.95-57LPM ±5%
Capacity range	Standard: 125-2100Gallon/0.5m <sup>3</sup> -8m <sup>3</sup>
	Extended: 625-10800Gallon/2.4m <sup>3</sup> -40m <sup>3</sup>

### Mounting & Shipping

Inlet/Outlet	1" or 3/4" , NPT or BSP
Base	2-1/2" 8 NPSM
Distriutor pilot	1.05" OD
Drain line	1/2" ID
Brine line	3/8" OD
Height from top of tank	7"/178mm
Weight (single valve gross)	Time 2.3KG / Meter 2.5KG

### Working

Electrical rating	220V, 110V, 24V - 50Hz, 60Hz
Max. VA	3VA
Water pressure	Hydrostatic: 300PSI/20bar
	Working: 20 - 120PSI / 1.4bar - 8bar
Temperature	1-43°C/34-110°F



■ Valve state lights option



■ Full series DLFC/BLFC/Injector module



■ Mix valve option



■ Straight or elbow drainage connector options



■ Plastic bypass option



■ Precision piston-seal-spacer assembly  
■ Excellent gliding characteristics  
■ Hydraulically balanced  
■ Full series piston options