

# D



- Simple and clear keyboard design for easy and intelligible programming operation
- Four regeneration mode unique "week" regeneration option
- Volume based forced regeneration option
- Automatic restore the valve position of the power failue when power re-applied
- Automatic keyboard locking and screen saving
- Automatically display the system errors
- Standard down-flow and up-flow
- Tested and Certified by SGS-ROHS
- Tested and Certified by SGS-CE
- Various design patents



**Move the cursor**



**Increase the number or confirm set**



**Set the current time and day**



**Set valve type**



**Set regeneration parameters**



**Set the duration of cycles**



**Manually initiate an immediate regeneration or queued regeneration**

MODEL	
D-SMM	D series Electrical Softener Meter
D-FTC	D series Electrical Filter Timer control Valve

## SPECIFICATIONS

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

#### Valve alone

Continuous (15PSI / 1 bar Drop)	20 GPM / 76 LPM
Peak (25PSI / 1.7 bar Drop)	26 GPM / 98 LPM
Max Backwash (25PSI / 1.7 bar Drop)	17 GPM / 64 LPM
CV (1PSI / 0.07 bar Drop)	5.0

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

8x44 0.75CF/21 L resin	9.6 GPM / 36.5 LPM
9x48 1.0CF/29 L resin	11.5 GPM / 43.5 LPM
10x54 1.5CF/43 L resin	11.8 GPM / 44.5 LPM
12x48 2.0CF/57 L resin	12.8 GPM / 48.5 LPM
14x65 3.0CF/85 L resin	14.5 GPM / 55 LPM
16x65 4.0CF/113 L resin	15 GPM / 57 LPM

### Regeneration

Downflow / Upflow	Both
Cycles	5
Adjustable cycles	All
Time available	Up to 999 Minutes per cycle

### Flow Meter

Accuracy range	0.25-15GPM / 0.95-57LPM ±5%
Capacity range	1-9,999,999

### Mounting & Shipping

Inlet/Outlet	1" or 3/4", NPT or BSP
Base	2-1/2" 8 NPSM
Distributor pilot	1.05" OD
Drain line	1/2" ID
Brine line	3/8" OD or 3/4" OD
Height from top of tank	7.9"/200 mm
Weight (single valve gross)	2.3 kg

### 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



Plastic by-pass option



Mix valve option



Plug-in power socket



Optional drainage barb



Full series DLFC/BLFC/Injector module



Accurate and rigid electronic flow meter



Hardwater-bypass piston design



- Four button setting for easy operation
- Four regeneration modes: timer, meter imm, meter delay and mixed regeneration
- Volume based forced regeneration option
- Patent rapid rinse design
- Patent piston and piston link design
- Distinctive display and PCB control module
- Patent pending



E14



MODEL	
E14-STC	E14 series Electronic Softener Time Control Valve
E14-SMM	E14 series Electronic Softener Meter Control Valve



Removable PCB control module

SPECIFICATIONS	
<b>Flow rate (50PSI / 3.5bar)</b>	
<b>Valve alone</b>	
Continuous (15PSI / 1 bar Drop)	20 GPM / 76 LPM
Peak (25PSI / 1.7 bar Drop)	26 GPM / 98 LPM
Max Backwash (25PSI / 1.7 bar Drop)	7 GPM / 26 LPM
CV (1PSI / 0.07 bar Drop)	5.0
<b>Softener (15PSI / 1 bar Drop)</b>	
8x44 0.75CF/21 L resin	9.6 GPM / 36.5 LPM
9x48 1.0CF/29 L resin	11.5 GPM / 43.5 LPM
10x54 1.5CF/43 L resin	11.8 GPM / 44.5 LPM
12x48 2.0CF/57 L resin	12.8 GPM / 48.5 LPM
<b>Regeneration</b>	
Downflow / Upflow	Downflow
Cycles	5
Adjustable cycles	All
Time available	Up to 999 Minutes per cycle
<b>Flow Meter</b>	
Accuracy range	0.25-15GPM / 0.95-57LPM ±5%
Capacity range	1-9,999,999
<b>Mounting &amp; Shipping</b>	
Inlet/Outlet	1" or 3/4", NPT or BSP
Base	2-1/2" 8 NPSM
Distributor pilot	1.05" OD
Drain line	1/2" ID
Brine line	3/8" OD
Height from top of tank	7"/178 mm
Weight (single valve gross)	2.2 kg
<b>Working</b>	
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



Full series DLFC/  
BLFC/  
Injector module



Mix valve option



Straight or elbow drainage connector options



Accurate and rigid  
electronic flow meter



Plastic  
by-pass option