

cabinet softeners

a range of compact automatic water softeners to remove hardness and prevent formation of scale deposits



- Suitable for all applications that require a softened water supply
- Range accommodates flow rates up to 1440l/hour
- Simple to operate, with automatic regeneration
- Four standard sizes (simplex)
- Timer control
- Aesthetic cabinet
- Integral salt saturator
- Duplex models available



cabinet softeners

description

Feedwater enters the unit and passes through the ion exchange resin, which causes the replacement of calcium and magnesium ions with sodium ions to give softened water. Periodically, the exchanged calcium and magnesium is removed from the resin by regeneration using salt solution supplied from the brine tank. The regeneration process is fully automatic.

Common features of the Cabinet Softeners range include:

- Reinforced fibreglass cylinder
- Premium grade ion exchange resin
- Automatic timer controls
- Salt container for production of salt solution (brine)
- Control valves manufactured from non-corrodible materials
- Feedwater bypass to service during regeneration

Accessories

- Raw water break tank and boost pump
- Soft water storage tanks
- Particulate filters (1-50 micron)
- Distribution pipework and valves
- Hardness test kit

technical specification

Flowrates: (l/hr)	CS10	CS14	CS23	CS30
Maximum service	300	420	670	1440
Minimum service	60	80	120	120
Maximum effluent	240	240	360	500
Output per regeneration: (litres)				
Feedwater TH = 200mg/L (as CaCO ₃)	2700	3800	6300	8600
Feedwater TH = 350mg/L (as CaCO ₃)	1500	2200	3600	4900
Regeneration:				
Salt used (kg)	1.6	2.2	3.6	4.8
Salt capacity (kg)	25	40	50	65
Time (mins)	82			
Connections (inches)				
Inlet	1/2" Hosetail		3/4"	
Outlet	1/2" Hosetail		3/4"	
Drain	1/2" Hosetail		3/4"	
Dimensions: (mm)				
Height	650	790	1095	924
Width	240		320	
Depth	430		517	
Weight: (kg)				
As delivered	15	19	28	74

technical specification - duplex

Flowrates: (l/hr)	CS6D	CS20D
Maximum service	600	2000
Minimum service	400	1300
Output per regeneration: (litres)		
Feedwater TH = 350mg/L (as CaCO ₃)	850	2800
Regeneration:		
Salt used (kg)	0.9	3
Connections (mm)		
Inlet	1"	
Outlet	1"	
Drain	1/2"	
Dimensions: (mm)		
Height	540	1180
Width	350	350
Depth	460	460

Services - Both models:

Electrical	240 volts 50Hz single phase
Feedwater pressure	2-6 barg (30 to 90 psig)
Feedwater temperature	1-49°C
Drain	Suitable drain at floor level

contact

SUEZ Water Purification Systems Limited

Email: mail.waterpurificationsystems.uk@suez.com

Web: www.suezwater.co.uk

