



Automatic resin disinfection for EUROWATER softeners

Ion exchange resin beds can be subjected to biological growth and in certain applications - food and drink industry, district heating systems, cosmetics, etc. - periodic resin disinfection is recommended in order to prevent biological growth and thereby minimizing the risk of pollution of the treated water.

Function

The automatic resin disinfection system produce a small amount of active chlorine through brine electrolysis during every regeneration (brine draw cycle).

The softener is disinfected when the chlorine comes in contact with the resin together with the brine. Any residual chlorine is washed out at the end of regeneration (slow rinse cycle).

Scope of use

The Steril Soft is applicable to all EUROWATER softeners with brine tanks. One system can disinfect up to 300 litres of resin.

Technical data, power supply

Input voltage	230 VAC, 50 Hz
Output voltage	12 VAC
Protection class	IP54

Technical data, control unit

Input voltage	12 VAC
Output voltage	2-6 VDC, 350 mA
Protection class	IP41

Installation

The control unit and the power supply can be mounted on the wall or on the softener skid, if space is available. Connect the parts as illustrated on the following page.

Settings

Before operation, the Steril Soft must be set according to the volume of resin in the softener.

See the following page for customized guide for EUROWATER softeners.

LED indicators

Green	Power on
Red	Chlorine production

Information

For more information, please contact your local EUROWATER sales and service office.



Selection guide and settings

EUROWATER softener		Number of tanks	Steril Soft		Hose connection
Series	Type		Pieces	Setting	
SM SG	11, 15, 21, 41	1	1	0	9 mm
	61		1	2	
	81	2	2	0	
	22, 42		2	2	
SF SFG SFH SFHG	62, 82	1	1	2	1/2"
	361		1	4	
	601		1	6	
	801	2	2	2	
	1201		2	4	
	362		2	4	
SMH SML SMP	602	1	1	2	1/2"
	802		1	4	
	901		1	6	
	362	2	2	2	
	602		2	4	
	902		2	6	
	1202		2	6	

Instructive settings

Position	Volume of resin, litres, max
0	50
2	100
4	200
6	300

Contents

The package consists of:

- Power supply.
- Control unit.
- Cable to connect control unit and electrode.
- Electrode.
- T-piece.
- Hose connections and clips for 9 mm brine draw hose (2 sets).
- Hose connections and clips for 1/2" brine draw hose (2 sets).
- Instructions in English (this).

