

# SOFTEC MSP

## MONEX Softening Systems

Our SOFTEC MSP CV series is a solution for providing softened water in private and commercial systems with an output of up to 12 m<sup>3</sup>/h. The systems equipped with a CLACK central control valve are easy to install, programme and operate.

### Features:

- Soft water during operation
- Simple installation and commissioning
- 9 freely programmable cycles
- Automatic regeneration\*

### Components:

- GRP filter tank
- Cation resin
- CLACK IA central control valve
- Brine tank
- Brine valve
- Pipework including all required fittings and measuring instruments for configuration of the system and control of hydraulic parameters

### Technical data:

Type		MSP 25 IA	MSP 50 IA	MSP 75 IA	MSP 100 IA	MSP 150 IA	MSP 200 IA
Output**	m <sup>3</sup> /h	0.5-2.1	0.7-2.9	1.1-4.3	1.3-5.2	1.7-6.9	2.9-11.7
Operating mode		Direct current regeneration					
Differential pressure**	bar	1.0					
Electrical connection		230V, 50Hz, 12V					
Resin qty. per tank	(l)	25	50	75	100	150	200
Resin capacity	m <sup>3</sup> x °dH	100	200	300	400	600	800
Tank size	Inches	8x44	10x54	14x52	14x52	16x65	24x69
Brine tank	Volume (l)	80	100	200	200	400	400
Connection		DN25	DN25	DN25	DN32	DN32	DN40
Dimensions**	Height (mm)	1430	1685	1645	1645	1975	2045
	Width (mm)	865	920	1120	1120	1445	1640
	Depth (mm)	460	465	560	560	835	835

\*\*All data are approximate values

### Operating conditions:

The requirements for the water inflow to the systems are listed below:

Inlet pressure	2-6 bar
Inlet temperature	5-40° C
Free chlorine (Cl <sub>2</sub> )	< 0.1 mg/l
Iron (Fe)	< 0.1 mg/l
Manganese (Mn)	< 0.1 mg/l
Inlet water	free of oil, oxidants, colloids and particles



We recommend installing a filter, either a cartridge filter or self-cleaning filter with a filter unit of 100µm, upstream from the water softening system.

\*For regeneration of the system, we recommend using pure salt for technical applications in tablet form, granulate or liquid brine.