

SOFTEC DSP/DSP TWIN - ECOMIX

DUPLEX Softening Systems with additional de-ironing and demanganisation

Our SOFTEC DSP Ecomix water conditioning system is ideally suited for your well and household water pipe, as it solves 5 problems in one sweep with one material. The ECOMIX material lowers the °dH, iron, manganin, TOC, and ammonium values by up to 98%. The systems can condition up to 12 m³/h water. The systems equipped with a CLACK central control valve are easy to install, programme and operate.

Features:

- Continuously soft water
- Simple installation and commissioning
- 9 freely programmable cycles
- Automatic regeneration*

Komponenten:

- GRP filter tanks
- 3-way reversing valve
- ECOMIX
- CLACK IA central control valves
- Brine tank
- Brine valve
- Pipework including all required fittings and measuring instruments for configuration of the system and control of hydraulic parameter

Technical data:

Type		DSP 25 IA - Eco	DSP 50 IA - Eco	DSP 75 IA - Eco	DSP 100 IA - Eco	DSP 150 IA - Eco	DSP 200 IA - Eco
Output*	m ³ /h max.	1.0-2.1	1.5-2.9	2.1-4.3	2.8-5.2	3.5-6.9	5.8-11.7
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 ³ x °dH	42	84	126	168	252	336
Tank size	Inches	8x44	12x52	14x52	14x65	18x65	24x69
Brine tank	Volume (l)	80	100	200	200	400	400
Connection		DN25	DN25	DN25	DN32	DN32	DN40
Dimensions**	Height (mm)	1430	1685	1645	1975	2025	2045
	Width (mm)	1475	1580	1885	1885	2130	2650
	Depth (mm)	460	465	560	560	560	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 ₂)	< 4 mg/l
Iron (Fe)	< 15.0 mg/l
Manganese (Mn)	< 3.0 mg/l
Inlet water	free of oil, oxidants, colloids and particles



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

**All data are approximate values