

WATER TREATMENT · TWIN-COLUMN SOFTENING SYSTEM

Twin-column softening system

Code wasserenthärtung-doppelschicht · 7 Models

Twin-column softening systems (DKC1 series) with two modules for continuous water softening: while one module regenerates, the other takes over — so softened water is available to your steam generator at all times.



Fig.: Twin-column softening system

Softening systems — twin-column

Specification	DKC1-0730	DKC1-0935	DKC1-1044	DKC1-1248	DKC1-1354	DKC1-1465	DKC1-1665
Resin quantity per tank (Litres)	12	25	37	50	75	100	125
Capacity per pressure tank (°dH × m³)	45	90	135	190	286	380	477
Flow rate * (m³/h)	0.5	1	1.5	2	3	4	5
Width (mm)	790	810	820	850	1,100	1,110	1,140
Depth (with bypass) (mm)	350	350	350	350	360	370	400
Height (without brine tank) (mm)	980	1,100	1,340	1,440	1,540	1,860	1,860
Brine tank Ø (mm)	565	565	565	565	565	725	725
Brine tank height (mm)	620	620	620	1,125	1,125	1,200	1,200
Brine tank capacity (Litres)	100	100	100	190	190	340	340
Salt consumption / regeneration, approx. (kg)	2.5	5	7.5	10	15	20	25
Weight, approx. (kg)	40	63	90	115	162	220	272

* max. flow rate in continuous operation at which a residual hardness of 0.1 °dH is guaranteed.

Standards & compliance: CE · Pressure Equipment Directive 2014/68/EU · EMC Directive 2014/30/EU · Low Voltage Directive 2014/35/EU · VDE-compliant wiring