

BERKOION™ Classic Duplex

Softening

Berkoion™ Classic Duplex softeners provide high quality softened water for industrial applications.

Flow rates from 0.3 to 17 m³/hr.



Features & Benefits

- Proven designs and materials; efficient operation, easy to maintain, reliable
- Volume controlled automatic regeneration; minimal operator involvement, efficient operation
- Bercore™ counter current regeneration; reduces salt usage and waste, lowers cost per litre of treated water, improves treated water quality
- Duplex design; continual flow of treated water

Specific models

- Advanced controller with LCD display; range of control options, easy to use, integrates with centralized control systems

Applications

- Boiler feed
- Glass washing
- Cleaning and rinse waters
- RO feed water
- General manufacturing

Related Services

Local after-sales service and support teams offer preventative and corrective maintenance programs to ensure the long-term, efficient operation of installed plant.

BERKOION™ Classic Duplex Softeners

System Performance

Model	Flow Rates	Capacity	Salt Usage Per Regen.	Connection	Working Pressures	Width	Height	Depth
	m ³ /hr	kg CaCO ₃	kg	Rp (inches)/DN(mm)	bar	mm	mm	mm
midi 2-15	0.3-0.9	0,7	1,8	R1" BSPT	2.5-6	860	1095	600
midi 2-25	0.5-1.5	1,2	3	R1" BSPT	2.5-6	875	1095	600
midi 2-45	0.9-2.7	2,2	5,4	R1" BSPT	2.5-6	885	1320	600
midi 2-70	1.4-3.9	3,7	8,4	R1" BSPT	2.5-6	1050	1425	680
midi 2-90	1.8-4.1	4,6	10,8	R1" BSPT	2.5-6	1060	1570	680
AW2 105	6.0 - 7.2	4.8	8.6	DN 40	2.0 - 8.5	1748	1918	650
AW2 150	8.0 - 10.0	7.1	12.6	DN 40	2.5 - 8.5	2190	1928	980
AW2 250	12.0 - 14.0	12.2	21.6	DN 50	2.5 - 8.5	2482	1895	995
AW2 350	15.0 - 17.0	17.3	30.6	DN 50	2.5 - 8.5	2853	2228	1185

Displays & Controllers

AW105, AW150, AW250, AW350

Advanced microprocessor controller with LCD display. Intuitive symbol based keypad; programmable with retentive memory; indication of current flow rate, capacity remaining before next regeneration; pulse input. May be connected to centralized control system.

Material Specifications

Resin Vessels	Glass Reinforced Plastic (GRP)
Brine Tanks	Polyethylene (PE)

Feed Water Requirements

Potable water free from organic contamination and suspended matter. Maximum temperature 40°C.

Electrical Supply

All models 230V 50Hz standard

For higher flow rates, or other filtration openings consult your local Veolia Water Technologies company, details below.

Visit our website: www.veoliawatertechnologies.com