

Berkoion™ Softeners

Compact Range



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

Flow rates from **0.5 to 3.0 m³/hr.**

Features & Benefits

- Compact designs with integrated brine tanks; space saving, easy installation
- Simplex, duplex and quadruplex options; flexibility, continual flow of softened water
- Volume or time based automatic regeneration; minimal operator involvement
- Optimized hydraulic conditions; reduce salt usage, low cost per litre of treated water

A-Series

- Automatically regenerated after 4 days without use; bacterial control, avoids resin problems
- Complete disinfection during regeneration; bacterial control
- Electronic display; simple monitoring and operation

Applications

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

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.

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System Performance

Model	Flow Rates*	Capacity	Salt Usage Per Regen.	Connection	Working Pressures	Width	Height	Depth
	m ³ /hr	kg CaCO ₃	kg	inches	bar	mm	mm	mm
Z Series								
Simplex, time controlled								
Z7 KV	0.5 - 0.6	0.5	1.75	R 1	1.4 - 8.5	500	665	465
Z15 KV	1.0 - 1.2	1.1	3.75	R 1	1.4 - 8.5	570	1090	435
A Series								
Simplex, volume controlled								
A4 KV	1.9 - 2.1	0.18	0.36	Rp 1	1.4 - 8.0	500	665	320
A13 KV	2.0 - 2.3	0.64	1.17	Rp 1	1.4 - 8.0	590	1090	280
Duplex and quadruplex, volume controlled								
A5 KV	1.8	0.13	0.29	Rp 1	2.0 - 8.0	380	990	430
A10 KV	3.0	0.25	0.54	Rp 1	2.0 - 8.0	380	1050	494

*A Series - With pressure loss of 0.8 bar and mixing from 20 to 8°dH (358 to 143 ppm CaCO₃)

Z7 KV - With pressure loss of 0.17 bar at 0.6 m³/h

Z15 KV - With pressure loss of 0.32 bar at 1.2 m³/h

Material Specifications

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

Feed Water Supply Quality

Potable water free from organic contamination and suspended matter. Maximum temperature 30°C (40°C for Z7 KV and Z15 KV).

Electrical Supply

All models 230V 50Hz standard

For higher flow rate applications consult your local Veolia Water Solutions & Technologies company, details below.

In keeping with the progressive nature of the company, we reserve the right to amend details without notice.

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Visit our website:
www.veoliawaterst.com