

Digital Water Softeners

Description of the device

A water softener is a device that replaces Calcium and Magnesium for Sodium. The amount of minerals does barely change, but the composition does. The Calcium and Magnesium carbonates are much more difficult to clean than Sodium carbonate.

With a water softener your machines will not suffer from the white sediment, which is hard to remove. For humidifiers that do not have or just have a partially self cleaning nozzles a water softener can be a good addition. This will reduce likelihood of clogging of the nozzles.



Specifications

	8 l digital water softener	12 l digital water softener	30 l digital water softener
Max. capacity of softened water [l/h] at 1 ° Dh	32.000	48.000	120.000
Dimensions [mm] ([height x length x width])	600 x 600 x 400	1,000 x 600 x 400	1,200 x 600 x 800
Weight [kg]	25	30	35
Resin content per column [pc]	8	12	30
Power consumption [kW]	0.1	0.1	0.2
Control signal [V - mA]	0-10 - 4-20		
Material	Polyethylene		
Water inlet	3/4 " BSP		
Connectable to AHU	Yes		
Stand alone	Yes		
Auto restart at power failure	Yes		
External warning signal	Optional		
Maintenance warning	Yes		
Monitoring at distance	Optional		
Double secured float	Yes		
Water free of solid particles	Yes		
Inlet dynamic water pressure min/max [Bar]	1.6 - 8.5		
Pressure drop at full power [Bar]	1.8		
Temperature min / max [°C]	0-40		
Power connection [V]	230		
Recommended regeneration salt	Broxo 6-15		
Content of the storage cabinet [kg]	75		
Recommended regeneration time [hours]	Every 24		
Regeneration	Volume controlled		

All specifications, photos and drawings are subject to changes.