

Data sheet

LW double water softener VAD CI

LW double water softener type VAD with 2 central control valves and separate brine tank, for softening/partial softening of iron- and manganese-free drinking and industrial water, cold max. 30°C

Consisting of:
2 pressure tanks of the highest quality made of corrosion-resistant GRP,
Filled with softening resin, in drinking water and food grade quality.
2 fully automatic central control valves, CLACK WS 1 CI 1"
(volume-controlled) made of Noryl.
1 separate brine tank with sieve bottom



Function

The water softening system works according to the ion exchange process.
The VAD - CI water softening system is a duplex system for applications where soft water is required on a permanent basis.
The 2 central control valves are robust and easy to maintain. Volume and time-controlled with electronic timer. Data memory accessible for 61 days. Calculation of total and reserve capacity.

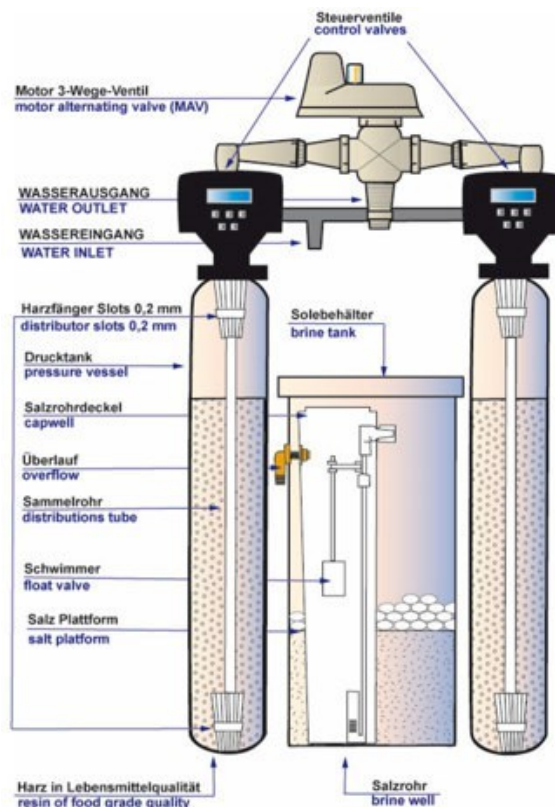
When the set amount of soft water is reached, regeneration is triggered. For hygiene reasons, forced regeneration is scheduled after 4 days at the latest if water consumption is low. A chlorine electrolysis cell is installed as a disinfection device.

The control panel display shows information such as remaining capacity, flow rate, error detection, history and diagnostic function.

System designation		VAD 25 CI	VAD 50 CI	VAD 75 CI	VAD 100 CI
Capacity	m ³	100	200	300	400
Salt consumption (with full salting)	kg/shelf	6.0	12	18.0	24
Salt supply	kg	75	150	150	200
Water consumption	L/Reg	250	500	750	100
Resin content	litres	25	50	75	100
Pressure tank type	Inch	9x35	12x48	13x54	14x65
Nominal flow rate according to DIN 19636 (20°dH to 8°dH)	m ³ /h	3.0	6.1	6.1	6.1
Nominal flow rate from 20°dH to 0.5°dH	m ³ /h	1.0	2.0	3.0	4
Brine tank capacity	kg	100	200	200	300
Brine tank h x Ø	mm	630x467	1000x530	1000x530	1060x710
Block dimensions WxDxH	mm	1700x600 x1400	1700x600 x1700	1800x700 x1800	2100x700 x2200
Item no. VAD (without accessories)		82.0500 583.921	82.0500. 583.922	82.0500. 583,923	82.0500. 583.924

Technical data:

Flow pressure min. 2.5 bar, water
pressure max. 8 bar, water
temperature max. 30°C,
Raw water and soft water connection R 1 inch AG,
Sewer connection 12 mm,
Electrical connection 230V/50Hz, 12V secondary



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