

Softeners

VM series



VM 60 - 300

These mechanical, fully automatic volume controlled Twin Softeners offer continuous availability of soft water, corrosion resistance by plastic components, a low salt and water consumption and a simple installation. The systems are monitored via a hydraulically driven control knob. This eliminates a power connection. The softeners are paraflow which means that both filters are in operation at the same time and only switch off for the regeneration period. This guarantees a maximum hardness reduction at full utilization of the volume capacity.

Regeneration only takes place with soft water in counterflow; loading the resin with hardeners during rinsing is therefore impossible. Only soft water is used for brine preparation.

Benefits

- Hydraulically controlled operation, no power connection required
- Low operation costs
- Filtered water is used to backwash the system
- Countercurrent regeneration

Tell us your water hardness in °dH at your request. We can help you with the corresponding system.

Capacity specifications

Hardness disc		1	2	3	4	5	6	7	8
VM 60	°dH	< 4	< 7	< 10	< 14	< 17	< 20	< 24	< 26
	l	12112	6056	4037	3028	2422	2019	1730	1500
VM 100	°dH	< 7	< 14	< 20	< 25	< 30	< 36	< 40	< 43
	l	14492	7287	4857	3622	2915	2414	2070	1821
VM 200	°dH	< 5	< 10	< 13	< 16	< 20	< 23	< 28	< 34
	l	33804	16902	11265	8449	6761	5633	4826	4225
VM 300	°dH	< 5	< 10	< 14	< 19	< 24	< 28	< 33	< 38
	l	57538	28769	19177	14385	11508	9588	8218	7192

Specifications

VM	60	100	200	300
Flow rate maximum (l/min)	39	40	53	66
Flow rate minimum (l/min)	4	4	6	6
Regeneration				
Salt consumption/regeneration (kg)	1.8	4.5	6.8	18
Regeneration time (min)	45	90	90	90
Regeneration water usage (l)	132	386	538	606
Technical data				
Resin content (l)	2 x 20	2 x 42	2 x 71	2 x 113
Salt storage (kg)	114	114	226	226
Connection hard/soft water (inch)	1"/1 1/4	1"/1 1/4	1"/1 1/4	1"/1 1/4
Temperature min. - max. (°C)	2 - 49	2 - 49	2 - 49	2 - 49
Dimensions, W x H x D (mm)	460 x 1200 x 760	530 x 1200 x 750	700 x 1200 x 1100	900 x 1700 x 1100
Weight (kg)	75	120	205	320
Material number	W3T197538	W3T198842	W3T198540	W3T199867

Regenerating salt

Material number	Name
W3T446349	Regenerating salt bag 25 kg
W2T526793	Regenerating salt 10 kg only for W3T380538

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