

Labowater

Ion exchanger cartridges DM 1500 to DM 15000

Pressure-resistant ion exchange systems from the Labowater series – direct conversion of wastewater into fully desalinated water. Their robust construction makes them particularly economical, as they are low-maintenance and durable. The container holds a mixture of special anion and cation resins, which remove salts from the flowing water in an ion exchange process. Typical areas of application include supplying autoclaves, dishwashers, ultrapure water systems, catering and analysis equipment, or industrial use for the treatment of process, cooling and battery water. Labowater ion exchangers meet all common standards, such as ASTM, CLSI, DIN EN 285 and VDE 0510, while maintaining consistently high water quality. The mixed-bed resins used ensure long service life and are virtually unlimited and environmentally friendly when regenerated.

Design and scope of delivery Pressure-

resistant stainless steel cartridge with lance

system for water distribution. Ergonomic

handles made of robust polypropylene.

Cartridge is filled with regenerable, high-quality mixed-bed resin.

Connection hoses and quality monitoring are not included in the scope of delivery.



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Labowater VE cartridge type	DM 1500	DM 2800	DM 4000	DM 5000	DM 6000	£7000	£11,000	£15,000
Material	1.4571	1.4571	1.4571	1.4571	1.4571	1.4571	1.4571	1.4571
Pressure resistant up to max. [bar]	10	10	10	10	10	10	10	10
Flow rate [l/h]	300	950	1000	1000	1000	2000	2500	3000
Capacity at 10° GSG	1500	2800	4000	5000	600	7000	11,000	15,000
Pure water quality [µS/cm]	0.1	0.1-20	0.1-20	0.1-20	0.1-20	0.1-20	0.1-20	0.1-20
Maximum water temperature [°C]	30	30	30	30	30	30	30	30
Dimensions Diameter x Height [mm]	239 x 398	239 x 560	239 x 703	239 x 1029	239 x 1171	407 x 603	407 x 818	407 x 1064
Connection [AG]	R3/4"	R3/4"	R3/4"	R3/4"	R3/4"	R3/4"	R3/4"	R3/4"
Full weight [kg]	13.5	19.5	25	36.5	41.5	55.5	77.5	102.5
Order no.:	82.0500. 108.013	82.0500. 108.020	82.0500. 108.026	82.0500. 108.035	82.0500 108.045	82.0500. 108.050	82.0500. 108.075	82,050 108.100

On request, the desalination cartridges can also be equipped with quick-release couplings.

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