Labowater EMAG

Physical water treatment systems for chemical-free conditioning of drinking and industrial water using electromagnetic technology

- Made of special steel
- Two-chamber system (for a long treatment time or dwell time of the water)
- No regeneration salt, no chemicals or other additives, no waste water
- Minimal operating costs; simple, space-saving installation horizontally or vertically
- Prevents the build-up of new incrustations in domestic plumbing; can be used for almost all types of plumbing (new and old), including mixed installations
- The taste and positive properties of the drinking water are retained
- Suitable for medium water hardness

Labowater EMAG devices operate electromagnetically and are powered by a specially developed power supply unit. The two-chamber system with a specially developed water vortex ensures intensive and long-lasting treatment of the water. The electromagnetic fields cause a change in the lime structure.

Existing limescale and limescale rust deposits are gently broken down. The limescale is kept in a suspended state and flushed out when the water is drawn off.
This prevents solid encrustations from forming in the water pipes.

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After removing existing deposits, a protective layer is formed inside the pipe system from the minerals in the water.

Labowater EMAG devices operate maintenance-free in the safe low-voltage range. The systems are made of special steel with food-safe tin plating. They comply with GS requirements, bear the CE mark and are TÜV-tested.

Labowater EMAG	Type	100	125	150	200
Connection size	Inch	R 1"	R 1¼"	R 1½"	R 2"
Power supply NT 60 Power consumption	Watt	33	33	33	33
Weight	kg	20	20	34	34
Diameter	mm	230	236	280	296
Width	mm	80	90	95	100

Operating conditions:
Mains connection 230 volts, AC, 50 Hz; max. operating temperature 70°C, max. operating pressure 10 bar
(if an operating pressure higher than max. 6 bar is to be expected in the installation system, a pressure reducer should be installed).
The effect of the water treatment is limited if the temperature on the surface of a heating element exceeds 80°C or if the heating power exceeds 3 watts/cm². Such operating conditions should be avoided.

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