Labowater IM-Kombi

Physical water treatment systems Drinking water treatment with impulse and electromagnet technology

- Made of special steel; very powerful effect thanks to the combined use of two physical treatment principles: impulse technology and electromagnetic technology
- Four-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 systems; can be used for almost all types of plumbing systems (new and old), including mixed systems
- The taste and positive properties of the drinking water are retained
- Can be used with high water hardness and high consumption

The Labowater IM-Kombi systems work in combination with electronic pulses and electromagnetic fields. The necessary control technology is provided by specially developed control electronics. A separate power supply unit provides the required energy. The multi-chamber system used in the Labowater IM-Kombi, with four treatment chambers and a special water turbulence system, enables very intensive and extremely long-lasting treatment of the water.

The combination of both technological principles, impulse technology and electromagnetism, is particularly suitable for treating hard water and for high water consumption.

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The physical water treatment provided by the Labowater IM-Kombi causes a change in the molecular structure of the lime in the water. Lime components in the water supplied through the domestic water pipes are placed in a molecular "suspended state". This results in microscopic and unstable compounds that do not adhere to the pipes or other components of the

installation and lead to encrustations there. The limescale therefore remains in the water and not in your domestic plumbing.
The limescale components are flushed out when water is drawn and can be easily removed from tiles, shower screens, washbasins or fittings within 1 to 2 days using a microfibre cloth or a household sponge.

Existing limescale and limescale-rust deposits are gently removed. When limescale deposits are removed, there may initially be increased limescale washouts. This is an indication of the high effectiveness of Labowater IM-Kombi systems.
After removing existing deposits, a protective layer is formed within the pipe system from the minerals in the water.

Labowater IM-Kombi systems are made of special steel with food-safe tin plating. They operate maintenance-free in the safe low-voltage range and bear the CE mark.

Labowater IM Combi	Type	100	125	150	200	250	300
Connection size	Inch	R 1"	R 1¼"	R 1½"	R 2"	R 2½"	R 3"
Power consumption (from – to) -depending on the conductivity of the water-	Watt	1 65	1 – 65	1 – 65	1 – 65	1 – 65	1 – 65
Average power consumption	Watt	33	33	33	33	33	33
Weight	kg	35	39	49	53	90	90
Diameter	mm	230	236	280	296	350	350
Width	mm	151	161	170	182	210	210

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 water treatment is limited if the temperature at 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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