



LEGIO.medical filters Standard

A major risk for bacterial infections in hospitals as well as public and commercial facilities is microbiologically contaminated shower- and tap water. Pathogens contained in the water can form a biofilm in the installation system, even if the hospital/institution disinfects the water at the supply point. Dangerous germs can be transferred to humans, when contaminated water is used. The safety of patients and hospital staff as well as user safety in other facilities is paramount. Germ-free water is also very important in areas that are classified as medium risk, such as canteen kitchens, changing rooms, patient- and nursing rooms. Housing, social areas in industry and administration, sports facilities and nurseries should also have microbially safe water. The membrane filter is fitted directly to the shower hose at the tapping point.

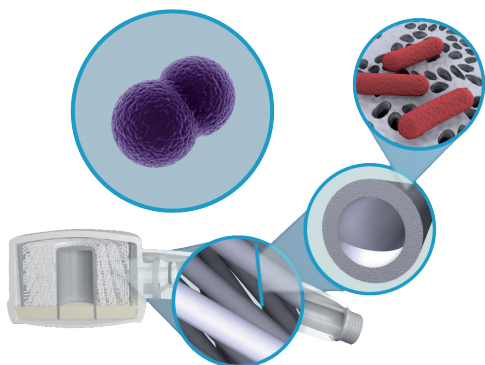


Areas of application

The standard version of the LEGIO.medical filters offer the user direct protection in medium-risk areas where there is a risk of infection via the water.

The strengths of LEGIO.medical filters

- Protection against waterborne bacteria such as Legionella and Pseudomonas
- Complies with the assessment basis for plastics and other organic materials in contact with drinking water (KTW-BWGL) and the assessment basis for metallic materials of the Federal Environment Agency
- Application in highly sensitive hospital areas, but also in medium-risk areas such as kitchens, changing rooms and patient rooms
- Also suitable for residential buildings, care facilities, schools, sports facilities, hotels, administrative buildings and industry
- Immediate protection in the event of an epidemic outbreak or as permanent protection against infection
- Long service life: up to 70 days service life, thanks to patented Outside/in technology, thus reducing costs for personnel and procurement



Infection control

Hand shower

Medical filters

Filter cartridge specifications & Performance data

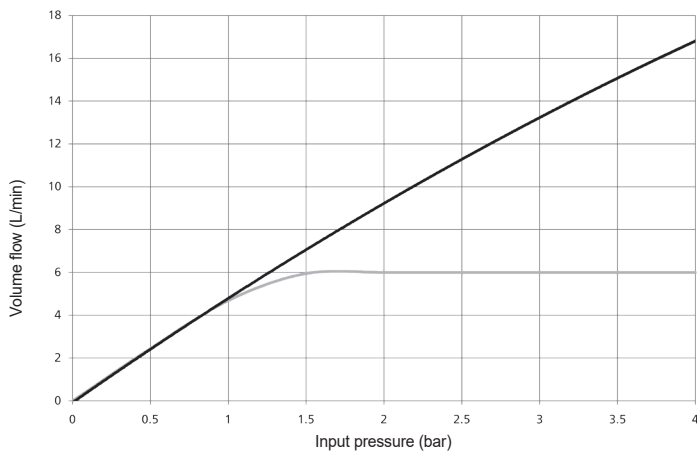
Model	31.2.104	31.2.154
		
Type	LEGIO.standard Hand shower Startset	LEGIO.standard Hand shower Replacement cartridge
Max. Dimensions	224 x 63 mm	88 x 63 mm
Weight	ca. 240 gr	ca. 160 gr
Connections	1/2 inch external thread	proprietary quick release
Initial Flowrate at 2 bar	up to 12 l/min	up to 12 l/min
Validated lifetime	70 days (10 weeks)	
Biological Retention ⁽¹⁾	Bacteria > LOG 7 Fungi > LOG 4	

⁽¹⁾ Further informations can be found in the validation report.

Materials and technical data

Filter material	Mixture of polyethersulfone and polyvinylpyrrolidone
Pore size	0,2 µm
Max. Operating Pressure	5 bar
Operating Temperature	0 - 60 °C ; 70 °C for 30 min at 2 bar during service life
Chlorine Exposure	1,200 ppm, 10 hours in total during service life
Storage & Handling	• Keep dry during storage; protect against freezing • Handle with care; do not expose to strong vibrations • Disinfection of the surface based on alcohol and peroxides • Can be disposed of with residual waste after use
Replacement of cartridges	separate information on changing cartridges must be observed

Shower filter



Disclaimer:

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