



Application

Our LEGIO.deluxe Hand Shower is an ideal “first aid” product in case of legionella outbreaks or in cases when extensive protection is necessary.

Fields of application:

- Commercial buildings such as sports facilities and hotels
- Public facilities such as kindergarten/nursery schools and elderly homes or correctional facilities
- Sanitary facilities in the industrial sector and administration
- Recreation and leisure such as resorts, boats and caravans
- Travels and leisure residences
- Applications for private residential constructions
- Risk areas in hospitals with immunocompromised patients



LEGIO.deluxe Hand Shower

LEGIO.deluxe

- Proven efficacy of the retention of legionella and other bacteria
- Certificates of German and European institution
- Long time of use **up to 70 days** (depending on the quality and the frequency of use)
- High flow rates, even at low water pressures
- Easy installation
- Quick filter replacement without any tools
- Available in medic white and other colors
- **All-round connection ports and adapter for all purposes**
- With and without membrane cartridge useable
- Antibacterial outlet (optional)
- Made in Holland





LEGIO Replacement Cartridge

Bacterial protection for your water

legionella shower filter

Medical filter

Filter cartridge specifications & Performance data

Model	32.2.100	32.1.500 ICF
		
Type	LEGIO.deluxe Startset including cartridge	Cartridge ICF Standard
Max. Dimensions	280 x 105 x 75 mm	Ø 80 x 75 mm
Weight	415 gr.	110 gr.
Connections	1/2 inch BSP	Replacement
Initial Flowrate @ 2 bar	up to 12 l/min ⁽¹⁾	up to 12 l/min ⁽¹⁾
Validated Lifetime	70 days (10 weeks)	70 days (10 weeks)
Biological Retention ⁽²⁾	Bacteria >LOG 7 Fungi >LOG 4	Bacteria >LOG 7 Fungi >LOG 4

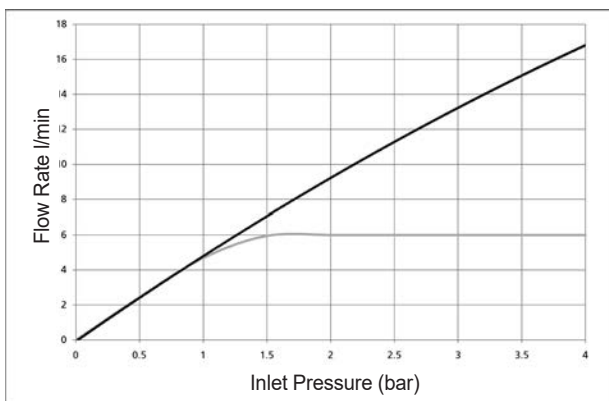
⁽¹⁾ flow restrictor inside. complies as a class A water efficient show. ⁽²⁾ For more information, see the validation report.

Materials an technical data of the cardridge

Filter Media	capillary microfiltration membranes
Micron Rating	0,2 µ
Max. Operating Pressure	5 bar
Operating Temperature	0-60 °C; 70°C for 30 minutes at 2 bar while using
Chlorine Exposure	1,200 ppm for total of 10 hours during time of use
Flow Rate	3,000 l during time of use
Storage & Handling	<ul style="list-style-type: none"> • Keep dry during storage; protect against freezing • Handle with care; do not expose to shocks. Validated shell life 2 years • Disinfection of the surface on the basis of alcohol and peroxide • Disposable product, discard as regular waste
Replacement of cardridges	Information regarding replacement of the cartridges must be noticed
Incl. in shipment	Replacement calendar for cartridges and waterproof replacement stickers are included
Recommendation	Remove LEGIO medical filter for thermal disinfection

Certification

The LEGIO.deluxe corresponds with the demands of the Medical Devices Act 93/42/EEC, attachment VII and is registered as a class 1, norm 1-Product



The membrane unit was tested by the independent laboratory Vilens concerning the retention of legionella (and other bacteria) and fulfills all actual standards in the water industry. A survey with the test results and the technical specifications of the membrane unit is shown in the validation.

The quality of all products and assemblies of LEGIO are strictly controlled. Every single product is checked concerning its function and effectiveness.

The plastic materials of the shell and the membrane unit are according to the KTW guidelines.

The brass material of the adapter is according to the actual guidelines of the German Copper Institute concerning lead solubility.

Note:

The information and data contained in this document are based on our general experience and are believed to be correct. They are given in good faith and are intended to provide a guideline for the selection and use of our products. Since the conditions under which our products may be used are beyond our control, this information does not imply any guarantee of final product performance and we cannot accept any liability with respect to the use of our products. The quality of our products is guaranteed under our conditions of sale. Existing industrial property rights must be observed.