

# ShowerFilter Series



## Legionella Filters

### The flexible solution in legionella prevention

The Pentair Filtrix ShowerFilter provides flexible protection against the Legionella bacteria. This waterborne pathogen can cause the dangerous Veterans disease (Legionellosis). The most common route of infection is inhalation of airborne droplets containing Legionella bacteria. Outlet points of hot water installations, such as showers generate these aerosols.

The ShowerFilter looks and handles like any familiar handheld shower, but it holds a unique replaceable filter cartridge. This cartridge contains capillary microfiltration membranes, which effectively retain the Legionella bacteria. The porous wall of these hollow fiber membranes contains billions of microscopic pores, which act as an ultra fine sieve. While water molecules pass through, the pores retain micro-organisms and other particular contaminants.

### Benefits

- Proven performance on Legionella retention
- Long service life: up to 10 weeks
- FailSafe: water flow is cut off upon expiry
- High flow rates, even on low water pressures
- Easy to install on every shower hose
- Quick filter replacement, without tools
- Available in chrome-plated or medical-white version

### Applications

The ShowerFilter is an ideal 'first-aid' product in case of Legionella outbreaks or in cases when extensive protection is necessary. Applications include:

- Commercial buildings such as sport facilities and hotels
- Institutional buildings such as nursery and elderly homes and prisons
- Recreational facilities like holiday resorts, boats and RV's

### Certification

Filtrix' ShowerFilters are tested on Legionella retention by independent testing laboratories such as Vitens Water Research and can meet every relevant standard in the water industry.






## Infection Control

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### Filter Cartridge Specifications & Performance Data

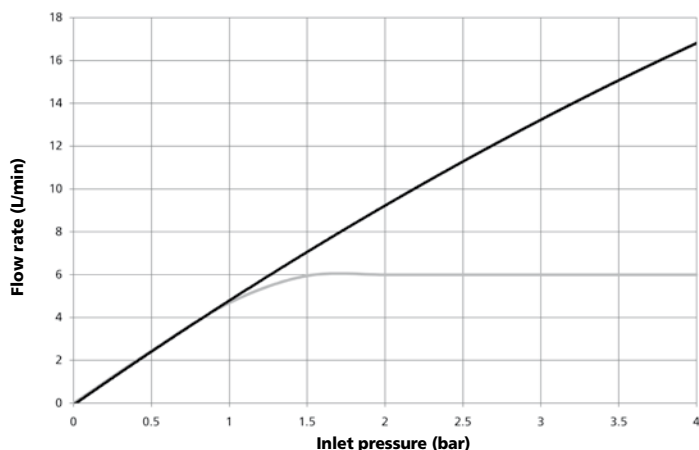
Model number	LSF-CPSS	LSF-MWSS	LSF-RC
			
<b>Model name</b>	Legionella ShowerFilter Startset - Chrome-plated	Legionella ShowerFilter Startset - White	Legionella ShowerFilter Replacement Cartridge
<b>Max. Dimensions</b>	81 x 208 mm	81 x 208 mm	81 x 76 mm
<b>Weight</b>	250 gr.	250 gr.	120 gr.
<b>Connection</b>	1/2 inch BSP	1/2 inch BSP	
<b>Initial Flowrate @ 2 bar</b>	9 l/min (2 Gpm) <sup>(1)</sup>	9 l/min (2 Gpm) <sup>(1)</sup>	
<b>Validated Lifetime</b>	70 days (10 weeks)		
<b>Biological retention</b>	Bacteria > log 7 Fungi > log 4		

<sup>(1)</sup> flow restrictor recommended

### Materials and Operating Specifications

<b>Filter Media</b>	Capillary microfiltration membranes
<b>Micron Rating</b>	0,2 µ
<b>Max. operating pressure</b>	5 bar (72,5 psi)
<b>Operating temperature</b>	0 - 50 °C (0 - 158 °F); 70 °C for 30 min @ 2 bar during lifetime
<b>Chlorine exposure</b>	1.200 ppm for total of 10 hours during lifetime
<b>Storage &amp; Handling</b>	<ul style="list-style-type: none"> <li>• Keep dry during storage; protect against freezing after first use</li> <li>• Handle with care; do not expose to shocks</li> <li>• Disposable product; discard as regular waste</li> </ul>

### ShowerFilter



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