

MEDICAL WATER FILTERS

STANDARD SERIES ST92

Patient and staff safety in hospitals is of vital importance. Not only in high-risk areas such as critical wards, intensive care units and operating theaters, but also in the medium-risk areas like kitchens, changing and patient rooms.



One of the main concerns is the risk of bacterial infections which can be caused by microbiologically contaminated shower and tap water. Waterborne pathogens can accumulate in biofilm located within the plumbing system, even if a hospital disinfects water at the point-of-entry. The pathogens can then be transmitted to patients when the water is used for their care. Pentair, a specialist in water purification solutions, offers a complete range of point-of-use membrane filters for shower heads and taps/faucets. These are specifically designed for use in healthcare facilities.

BENEFITS

- ◆ Protects from waterborne bacteria like legionella
- ◆ CE Medical Class I marked device
- ◆ For medium risk areas like kitchens, changing and patient rooms
- ◆ Relief in outbreak situations or permanent infection control

APPLICATIONS

Pentair Medical Filters standard version offers protection in medium-risk (non-sterile) areas where there

is risk of waterborne infection. It provides reliable and easy protection at the last possible moment before patient and staff contact.

MATERIALS AND OPERATING SPECIFICATIONS

Filter Media

Capillary microfiltration membranes

Micron Rating

0,2 µm

Max. operating pressure

5 bar (72,5 psi)

Operating temperature

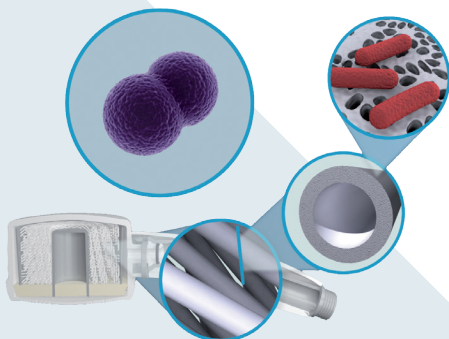
Continually 0 - 60 °C @ 5 bar inlet pressure 70 °C for 60 min. cumulative over the lifetime of the filter cartridge (compliant with thermal disinfection procedures)

Chlorine exposure







1.200 ppm for 10 hours cumulative over the lifetime of the filter cartridge

Storage & Handling

- Validated shelf life: 2 years
- Keep dry during storage; protect against freezing after first use
- Handle with care; do not expose to shocks
- Disposable product; discard as regular waste



FILTER CARTRIDGE SPECIFICATIONS & PERFORMANCE DATA

MODEL NUMBER	MSF-STSS	MSF-STRC	MTFW-STSS	MTFW-STRC	MTFD-STSS	MTFD-STRC
						
Model name	Medical ShowerFilter Startset	Medical ShowerFilter Replacement Cartridge	Medical TapFilter Washing Standard Startset	Medical TapFilter Washing Replacement Cartridge	Medical TapFilter Drinking Standard Startset	Medical TapFilter Drinking Replacement Cartridge
Max. Dimensions	136 x 63 mm	88 x 63 mm	136 x 63 mm	88 x 63 mm	136 x 63 mm	88 x 81 mm
Weight	240 g	150 g	240 g	150 g	240 g	150 g
Connection	1/2 inch BSP/NPT	proprietary quick release	22 mm inner thread ⁽¹⁾	proprietary quick release	22 mm inner thread ⁽¹⁾	proprietary quick release
Initial Flowrate @ 2 bar	9 l/min (2.4 Gpm) ⁽²⁾	9 l/min (2.4 Gpm) ⁽²⁾	4 l/min (1 Gpm) ⁽³⁾	4 l/min (1 Gpm) ⁽³⁾	4 l/min (1 Gpm) ⁽³⁾	4 l/min (1 Gpm) ⁽³⁾
Validated Lifetime	92 days (3 months)					
Biological Retention ⁽⁴⁾	Bacteria > log 7 / Fungi > log 4					

⁽¹⁾ adaptor to 24 mm, 1/2" outer & inner thread available

⁽²⁾ flow restrictor recommended

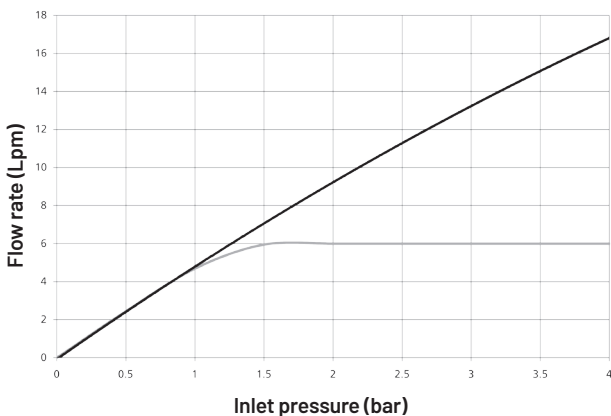
⁽³⁾ flow restrictor obliged

⁽⁴⁾ Refer to the validation guide for information

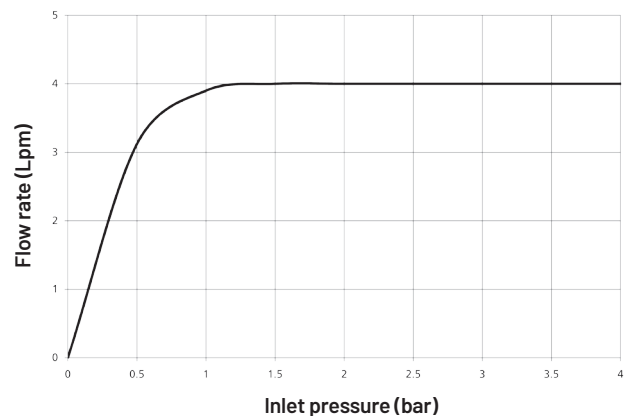
Product Certification: The Medical Water Filters Standard series comply to the requirements of the Medical Device Directive 93/42/EEC, Annex VII and are registered a Class I, rule I products.



SHOWERFILTER



TAPFILTER



Pentair Medical Water Filters are worldwide exclusively distributed by Fealter BV The Netherlands
For more information please visit our website fealter.com



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