



Life Sciences



Pall® Kleenpak™ Water Filter



Disposable Shower Head Filter For Protection Against Legionella spp.

Features

- ▶ Immediate removal of *Legionella* spp. for up to one month
- ▶ Unique filtration media engineering
- ▶ Bacteriostatic housing to minimise risk of retrograde contamination

Benefits

- ▶ Instant and cost effective protection against *Legionella* spp.
- ▶ Easy installation to provide instant solution for critical water management
- ▶ Long filter life, high volume throughput
- ▶ Compatible with and complementary to thermal and chemical systemic treatments



An engineering solution and adjunct for water management practices

Quick Connection. Quick Protection.

Pall Kleenpak Water Filter

Reliable protection

The **Pall Kleenpak** Water Filter (KAQL3) has been validated¹ using *Legionella pneumophila* for up to 31 day use, extensively trialed under field conditions², and is designed to remove *Legionella* spp. from the water supply thus allowing flexible hose shower outlets to remain in use during periods of critical contamination within buildings. Use of this product may also be appropriate during building works or maintenance to assure safety of the water supply. *Legionella* is a common contaminant of water supplies, and can lead to morbidity and mortality³.

The filter contains a 0.2 µm Supor® membrane, incorporating a protective prefilter to maintain high flow, which can be used routinely at temperatures of up to 60 °C, while withstanding a maximum temperature of 70 °C for a total cumulative period of 30 minutes over the life of the filter. This product is also compatible with up to 1.0 mg/L ClO₂ (1 ppm) for continuous use over 31 days.

To minimise the risk of inadvertent retrograde contamination, the filter housing utilises a bacteriostatic silver based polymer technology widely accepted within the healthcare industry as the best material for hygienic surfaces. The polymer used is non-leaching with high biocompatibility, compliant to relevant standards** and highly stable. However, the extent of surface contamination will depend on local environmental conditions and consequently the product may be cleaned with sanitising agents containing alcohol, quarternary ammonium compounds or non-ionic surfactants. The product is supplied in a resealable bag which provides an easy solution to product disposal***

***For further detailed information, please refer to the instructions for use.

Typical Applications

Typical use in personal care, such as

- ▶ showering
- ▶ bathing
- ▶ hygiene procedures



Manufactured by:



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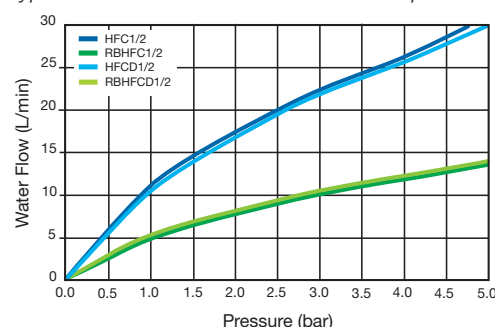
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Technical Data

Membrane area	1100 cm ²
Membrane rating	0.2 µm Supor, incorporating pre-filtration layer
Flow rate	see graph
Maximum upstream operating pressure	5 bar (500 kPa) at 60 °C
Normal upstream operating pressure	2-4 bar (200 - 400 kPa)
Maximum lifetime	31 days
Maximum continuous influent water temperature	60 °C
Maximum temperature exposure	70 °C for a total cumulative period of 30 minutes over the life of the filter
Length (excluding connector)	240 mm nominal

** All materials of construction comply to 2002/72/EC (water section), BS 6920:2000 and WRAS

Typical Clean Water Flow Pressure Drops for the KAQL3



Ordering Information

Reorder No	Description	Packaging
KAQL3	Pall Kleenpak Disposable Shower Head Filter	12 units per case
RBHFCD1/2	Quick connector with valve	1 unit
RBHFC1/2	Quick connector without valve	1 unit
HFCD1/2	Quick connector with valve for low water pressure	1 unit
HFC1/2	Quick connector without valve for low water pressure	1 unit

References

- 1) Validation Guide. Pall-Aquasafe™ Disposable Shower Head Filter for Protection Against *Legionella* spp. (AQL3) - Pall literature code CC107a
- 2) Technical Report. Pall-Aquasafe Disposable Shower Head Filter (AQL3) Field Evaluation Report - Pall literature code CC117a
- 3) www.ewgll.org/ewglinet.htm

Visit us on the Web at www.pall.com/healthcarewater

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