LEGIONELLA CONTROL SYSTEMS EST. 1932

Pall Point of Use Shower Filter

In-Line Disposable Water Filter with Quick Connect Inlet and Outlet Ports 31 Day Use

Features

- Barrier against waterborne contaminants including *Legionella* spp. and *Pseudomonas* spp.[1]
- Validated double layer sterilizing grade filtration with integral pre-filter
- Enhanced bacteriostatic efficiency of 99.99 %for *Pseudomonas aeruginosa*
- Fully recyclable materials
- Compatible with common systemic heat and chemical disinfection

Benefits

- Reduces exposure to waterborne contaminants
- Documented performance, validated according to international requirements
- Bacteriostatic additive throughout housing material, minimizes risk of retrograde contamination
- Environmentally friendly
- Complementary to standard sanitization programs

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Background

The Pall-Aquasafe In-Line Disposable Water Filters with Quick Connect Inlet and Outlet Ports (AQINA) provides filtered water suitable for washing and drinking*, superficial wound cleansing, cleaning of equipment used in medical procedures and washing of surgeon's hands for up to 31 day use. The double layer sterilizing grade Supor® membrane is rated and validated at 0.2 µm[2-4], and may aid in infection control by acting as a barrier to waterborne particulates and pathogens.

To minimize the risk of retrograde contamination, the filter housing material utilizes silver technology as an enhanced, non-leaching bacteriostatic additive.

In-line applications such as cleaning of equipment

Water for ice production

References

1. Pall-Aquasafe Water Filter In-Line Disposable Water Filter Validation Guide GN15.9608
2. American Standard Test Method (ASTM) F838-20. "Determining Bacterial Retention of Membrane Filters Utilised for Liquid Filtration".
3. Health Industry Manufacturers Association (HIMA) Document No.3, Vol. 4. Microbiological evaluation of filters for sterilizing liquids.
4. FDA, "Guidance for Industry: Sterile Drug Products Produced by Aseptic Processing – Current Good Manufacturing Practice", September 2004, http://www.fda.gov/downloads/Drugs/.../Guidances/ucm070342.pdf

*Where local practices allow.

Technical Data

Pall-Aquasafe In-Line Disposable Water Filter (AQINA)	510(k) Cleared Device
Membrane area	Approx. 85.3 in^2 (550 cm2)
Membrane rating	Sterilizing grade** membrane[2-4] 0.2 µm Supor with integrated pre-filtration layer (approx 1.0 µm)
Length (including inlet and outlet)	2.8 in. nominal
Maximum upstream operating pressure and temperature	75 psi @ 140 °F
Normal upstream operating pressure	30 - 60 psi
Maximum lifetime	31 days
Maximum continuous influent water temperature	140 °F
Maximum temperature exposure	158 °F at 75 psi for a total cumulative period of 30 mins over the life of the filter
Approximate water flow rate	0.9 gal/min at 15 psi 2.1 gal/min at 45 psi 3.4 gal/min at 75 psi

AQINA is compatible with up to 1.0 mg/L ClO_2 (1 ppm) for use over the indicated life, solutions of 100 ppm active chlorine or pH 12.82 for one hour at ambient temperature (68 °F ± 41 °F) and chemical treatments utilizing 1000 ppm peracetic acid at 140 °F for two hours.

** Pall-Aquasafe Water Filters are not to be used for producing water for infusion or injection, or substitute USP grade sterile water.

Ordering Information

Reorder Code	Description	Packaging
AQINA	In-Line Disposable Water Filter with Quick Connect Inlet and Outlet Ports 510(k) Cleared Device	12 units per case

Quick Connect Adaptors

Reorder Code	Description	Packaging
TAP1/2MV	1/2 inch, male thread, valved	1 unit
TAP1/2FV	1/2 inch, female thread, valved	1 unit