



Pall-Aquasafe™ Water Filter



In-Line Disposable Water Filter with Quick Connect Inlet and Outlet Ports (Reorder Code: AQINA) – 31 Day Use

Features

Protective barrier against waterborne contaminants including *Legionella* spp. and *Pseudomonas* spp.

Validated double layer sterilizing grade filtration with integral pre-filter

Enhanced bacteriostatic efficiency of 99.99% for *Pseudomonas aeruginosa*

Increased media area for longer life

Quick connectors on inlet and outlet ports

Fully recyclable materials

Compatible with common systemic heat and chemical disinfection

Benefits

Minimizes exposure to waterborne pathogens

Provides water for equipment reprocessing, rinsing and ice production

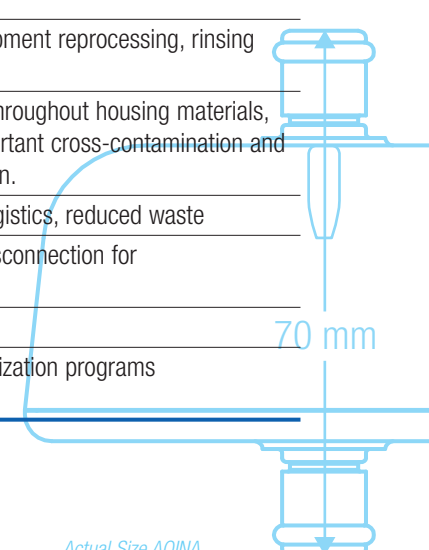
Bacteriostatic additive throughout housing materials, minimizes risk of inadvertant cross-contamination and retrograde contamination.

Cost effective, easier logistics, reduced waste

Easy connection and disconnection for change-out logistics

Environmentally friendly

Complementary to sanitization programs



Quick Connection, Immediate Protection.

Actual Size AQINA

Background

The Pall-Aquasafe In-Line Disposable Water Filter with Quick Connect Inlet and Outlet Ports (Reorder Code: AQINA) provides filtered water to maintain stringent water quality in applications such as equipment reprocessing and rinsing, for ice machines and water dispensers for up to 31 day use. The double layer sterilizing grade Supor® membrane is rated and validated at 0.2 µm¹, and minimizes exposure to waterborne particulates and pathogens such as *Legionella* spp., and *Pseudomonas* spp.

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



- ▶ **Easy to use, convenient and cost effective**



- ▶ **Water for ice production in health care settings**



- ▶ **Water for equipment reprocessing and rinsing**

Ordering Information

Reorder Code	Description	Packaging
AQINA	In-Line Disposable Water Filter with Quick Connect Inlet and Outlet Ports	12 units per case

Quick Connect Adaptors

TAP1/2MV	½ inch, male thread, valved	1 unit
TAP1/2FV	½ inch, female thread, valved	1 unit
TAPUC	Universal (15 – 29 mm), non-threaded	1 unit

Technical Data

Membrane area	Approx 216.5 in ²
Membrane rating	Sterilizing grade** membrane ^{2,3} 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	72.5 psi @ 140 °F
Normal upstream operating pressure	29 – 58 psi
Maximum lifetime	31 days
Maximum continuous influent water temperature	140 °F
Maximum temperature exposure	158 °F for a total cumulative period of 30 mins over the life of the filter
Approximate water flow rate	0.9 gal/min at 14.5 psi 2.1 gal/min at 43.5 psi 3.4 gal/min at 72.5 psi

Pall-Aquasafe Water Filters (AQINA) are compatible with up to 1.0 mg/L ClO₂ (1 ppm) for use over the indicated life, and are compatible with solutions of 100 ppm free 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.

Reference

- 1 Validation Guide. Pall-Aquasafe Water Filter. Disposable Water Filters for 31 Day Use – Tap (AQIN) Literature Ref. 10.3936.
- 2 American Standard Test Method (ASTM) F838-05. "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.



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