



Pall-Aquasafe™ Water Filter



In-Line Disposable Water Filter with Quick Connect Inlet and Outlet Ports (AQIN, AQIN2) – 31 Day Use

Features

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

Validated double layer sterilising 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

Reduces the risk of water associated nosocomial infection

Provides safe water for equipment reprocessing, rinsing and ice production

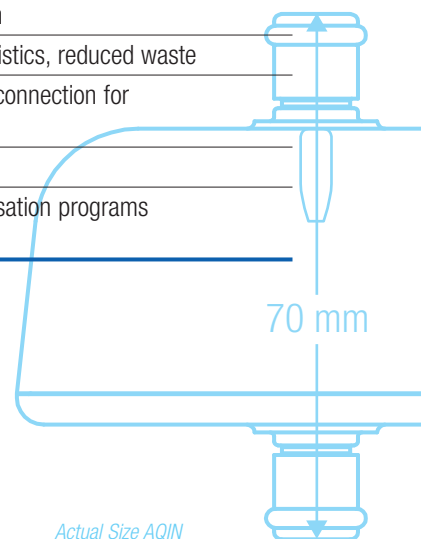
Bacteriostatic additive throughout housing materials, minimises risk of inadvertant cross-contamination and retrograde contamination

Cost effective, easier logistics, reduced waste

Easy connection and disconnection for change-out logistics

Environmentally friendly

Complementary to sanitisation programs



Quick Connection, Immediate Protection.

Actual Size AQIN

Background

Pall-Aquasafe In-Line Water Filters for up to 31 day use (AQIN, AQIN2) provide filtered water to maintain stringent water quality in applications such as equipment reprocessing and rinsing, for ice machines and water dispensers. The double layer sterilising grade Supor® membrane is rated and validated at 0.2 µm¹, and protects against waterborne particulates and pathogens such as *Legionella* spp., and *Pseudomonas* spp.

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



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



- ▶ **Protection for high risk areas and for immunocompromised patients**



- ▶ **Safe water for equipment reprocessing and rinsing**

Ordering Information

Reorder Code	Description	Packaging
AQIN	In-Line Disposable Water Filter for 31 Day Use with Quick Connect Inlet and Outlet Ports	12 units per case
AQIN2	In-Line Disposable Water Filter for 31 Day Use with Quick Connect Inlet and Outlet Ports	2 units per case

Quick Connect Adaptors

TAP1/2MN	½ inch, male thread, non-valved	1 unit
TAP1/2MV	½ inch, male thread, valved	1 unit
TAP1/2FN	½ inch, female thread, non-valved	1 unit
TAP1/2FV	½ inch, female thread, valved	1 unit
TAP22FN	22 mm, female thread, non-valved	1 unit
TAP22FV	22 mm, female thread, valved	1 unit
TAP24MN	24 mm, male thread, non-valved	1 unit
TAP24MV	24 mm, male thread, valved	1 unit
TAPUC	Universal (15 – 29 mm), non-threaded	1 unit

Technical Data

Pall-Aquasafe Disposable Water Filters (AQIN, AQIN2)	CE Marked Medical Device
Membrane area	Approx 550 cm ²
Membrane rating	Sterilising grade** membrane ^(2,3) 0.2 µm Supor with integrated pre-filtration layer (approx 1.0 µm)
Length (including inlet and outlet ports)	70 mm nominal
Maximum upstream operating pressure	5 bar (500 kPa) @ 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 mins over the life of the filter
Approximate water flow rate	3.4 L/min at 1 bar 8.0 L/min at 3 bar 12.8 L/min at 5 bar

Pall-Aquasafe Water Filters (AQIN, AQIN2) are compatible with up to 1.0 mg/L ClO₂ (1 ppm) for use over the indicated life, solutions of 100 ppm free chlorine or pH 12.82 for one hour at ambient temperature (20 °C ± 5 °C) and chemical treatments utilizing 1000 ppm peracetic acid at 60 °C for two hours.

** Pall-Aquasafe Water Filters are not to be used for producing water for infusion or injection.

For compliance to food and drink regulations, please see Pall Validation Guide.¹

References

- 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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Quick Connection, Immediate Protection.

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6/11, PDF, GN10.3980