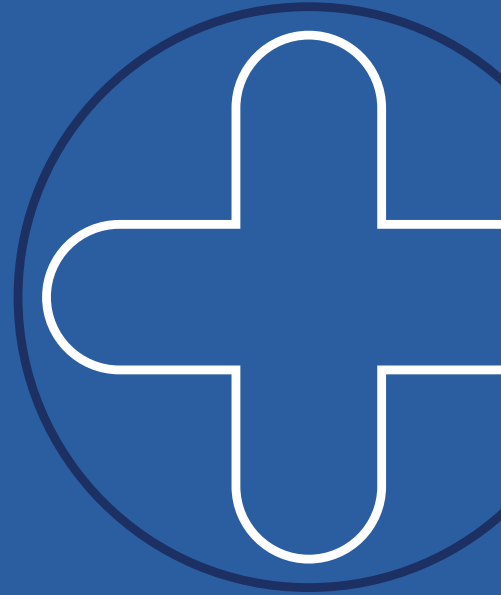


# Pall-Aquasafe™ Water Filter

**Disposable Water Filters –  
Faucet and Faucet with  
Permanent Shower Spray  
31 Day Use**



## Features

Physical 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*

Fully recyclable materials

Compatible with commonly used systemic 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

## Background

The Pall-Aquasafe Disposable Water Filters (AQ31F1SA, AQ31F1RA) provide 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  $\mu\text{m}^2$ , 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.



## Specifications

Pall-Aquasafe Disposable Water Filter - Faucet (AQ31F1SA) Faucet with Permanent Shower Spray (AQ31F1RA)	510(k) Cleared Device
Membrane area	Approx. 85.3 in <sup>2</sup> (550 cm <sup>2</sup> )
Membrane rating	Sterilizing grade** membrane 2-4 0.2 $\mu\text{m}$ Supor with integrated pre-filtration layer (approx 1.0 $\mu\text{m}$ )
Length (excluding quick connect adapter)	2.8 in. nominal (AQ31F1SA) 3.3 in. nominal (AQ31F1RA)
Maximum upstream operating pressure and temperature	75 psi at 140 °F
Normal upstream operating pressure	30 - 60 psi
Maximum lifetime	31 days
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	1.4 gal/min at 15 psi 3.0 gal/min at 45 psi 4.6 gal/min at 75 psi

AQ31F1SA and AQ31F1RA are compatible with up to 1.0 mg/L  $\text{ClO}_2$  (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  $\pm$  41 °F) and chemical treatments utilizing 1000 ppm peracetic acid at 140 °F for two hours.

\*\* Pall-Aquasafe Water Filters are not intended to provide water for infusion or injection, or substitute USP grade sterile water.

## Ordering Information

Reorder Code	Description	Packaging
<b>AQ31F1SA</b>	Pall-Aquasafe Water Filter Faucet 510(k) Cleared Device	12 units per case
<b>AQ31F1RA</b>	Pall-Aquasafe Water Filter Faucet with Permanent Shower Spray 510(k) Cleared Device	12 units per case

## Quick Connect Adaptors

Reorder Code	Description	Packaging
<b>TAP1/2MV</b>	1/2 inch, male thread, valved	1 unit
<b>TAP1/2FV</b>	1/2 inch, female thread, valved	1 unit
<b>TAPUC</b>	Universal (15 – 29 mm), non-threaded	1 unit
<b>1952100</b>	Quick connect faucet adapter (55/64 in.), 27 female thread	1 unit

## References

1. Pall-Aquasafe Disposable Water Filter - Tap Validation Guide GN15.9604
2. American Standard Test Method (ASTM) F838-20. "Determining Bacteria 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>

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