

CleanSpray® Faucet Filter (Disposable) AquaMedix Part #1406b



CleanSpray Faucet Filter Contains Hollow Fiber Micro-Filter 0.15 µm Membrane:

- Uses patented asymmetric polyethersulfone (PES) membrane with proprietary hydrophilic formulation for immediate wetting & high flow
- Absolute 0.15 micron particle retention for bacteria reduction
- 99.99999% bacteria reduction (> 7 Log)
- Captures contaminants in water before they are aerosolized
- Can be used in combination with Secondary Water Disinfection Chemical Treatment systems
- Filters particles from water down to 0.15 microns in size such as Legionella and Pseudomonas

AquaMedix CleanSpray Filters have been tested by a leading U.S. university and an independent European laboratory. Test results confirmed that AquaMedix CleanSpray Filters effectively removed particulates as small as 0.15 microns, such as Legionella* and Pseudomonas,** from faucet and shower water.

* Stout, Vidic, et al. July 2014 Technical Report: Pilot Scale Evaluation of Legionella and Heterotrophic Bacteria Removal by AquaMedix CleanSpray HandShower Filter.

** S.Kreps, May 2014, Validation by a dynamic test method of a faucet cartridge manufactured by Prime Water BVBA. The results of bacterial retention characteristics of Pseudomonas aeruginosa.

Membrane type	CleanSpray Micro-Filtration membranes; asymmetric, hydrophilic capillaries
Bacteria reduction	99.99999% (7-log) ASTM F838-05
Membrane material	PES/PVP, (Polyethersulfone) (Polyvinylpyrrolidone)
Membrane surface	Approx. 29 in ²
Filter micron rating	0.15 micron
Pre-filter	1 micron electropositive pleated filter
Operating pressure	Operating pressure 25-88 psi Max. 88 psi (6 bar)
Operating temperature	40-110 F (4.5-43C) Max. temp 140F (60C)
Expected life	525 to 1800 gallons*
Maximum life	90 days
Water flow rate	N/A
Cartridge materials	HIPS (High Impact Polystyrene)
Housing materials	ABS, polyethylene, metal chrome-plated brass
Housing dimensions	4 3/4 x 4 1/3 x 3"
Connector	55/64" female

bonded with epoxy resin



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The hollow fiber membrane in CleanSpray Faucet Filter is tested for integrity according to ASTM D6908-03.

*Assuming a potable water supply quality in accordance with the Safe Drinking Water Act.

Only water that has passed through the membrane that captures bacteria and other particulates can exit the unit. The bypass valve is sealed.

CleanSpray Micro-Filters¹ provide reliable bacteria reduction for safer and cleaner bathing and shower water without incorporating chemicals into the faucet filter system or adding chemicals to the filtered water. CleanSpray Micro-Filters do not require USEPA² registration. Their effectiveness is not susceptible to common substances normally found in some waters, e.g., hydrogen sulfide, natural organic material (NOM), and total dissolved solids (TDS). CleanSpray Micro-Filters allow for higher flow rates and longer life while providing bacteria and cyst reduction for potable water.³ **Potable water service only** CleanSpray® is a Registered Trademark of AquaMedix LLC, Reg. No. 4,450,320. All rights reserved.

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The Micro-Filter is a USEPA Pest Control Device - EPA Est. No.89518-BEL-001, U.S. Patent No. 5,240,862 Made in Belgium

Faucet Filter Details FF_DPI Rev022916r7

AquaMedix

¹ Marketed and distributed in the U.S. by AquaMedix LLC. EPA Est. No.89518-BEL-001 Classification: Pest Control Device. ²CleanSpray products are considered Pest Control Devices (PCD) by the USEPA (EPA). ³CleanSpray Faucet Filters are not intended for converting wastewater or raw sewage into potable water. Do not use on water that may be contaminated by untreated surface water, water that may be contaminated by human or animal sewage or other waste water. CleanSpray Faucet Filters are intended for use on visually clear drinking water that meets all other public health standards. These filters are not intended for reducing pathogenic (disease-causing) virus particles.