

WATER FILTRATION FOR INFECTION CONTROL

Aqua free Baclyser® Inline Series

The Baclyser® Inline filters are FDA Medical Devices intended to prevent transmission of waterborne pathogens such as *Legionella* and *Pseudomonas*.

- Baclyser® IL10 P/N 49408 - Maximum Filter Life is 6 months
- Baclyser® IL5 P/N 49406 - Maximum Filter Life is 6 months
- Baclyser® IL3 P/N 49404 - Maximum Filter Life is 6 months



Baclyser® Inline Filters IL10, IL5, IL3

Feature	Advantage
0.2 µm sterilizing grade membrane	Achieves 7-log bacterial reduction/ ASTM F838 reduction
6-month service life	Immediate and long-term protection against microorganisms
½" Male threaded pipe connection	Allows for variety of direct connection options
High flow rates and capacity	Wide range of applications
Available in 3 sizes	Installation versatility
Chlorine resistant membrane and housing material	Compatible with secondary water treatment chemical disinfectants

Intended use: physical barrier for infection prevention in hospitals, clinics, and other medical facilities such as skilled nursing and adult care facilities. Recommended for areas at high-risk for hospital-acquired infections (HAIs) such as ICU, neonatal, oncology, burn, and transplant units.

Aqua free Baclyser® Inline Series

Specifications	Baclyser® IL3	Baclyser® IL5	Baclyser® IL10
Part Number	49404	49406	49408
Membrane Material	Polysulfone (PSU)	Polysulfone (PSU)	Polysulfone (PSU)
Membrane Type	Asymmetric, hydrophilic hollow fibers	Asymmetric, hydrophilic hollow fibers	Asymmetric, hydrophilic hollow fibers
Maximum Pore Size	0.20 µm	0.20 µm	0.20 µm
Bacterial Retention ¹	>99.99999% (>7 log)	>99.99999% (>7 log)	>99.99999% (>7 log)
Maximum Filter Life	6 months	6 months	6 months
Maximum Inlet Pressure	100 psi	100 psi	100 psi
Maximum Temperature	140 °F	140 °F	140 °F
Dimensions	4.7" x 1.8"	6.0" x 2.4"	8.4" x 2.7"
Connection	1/2" male pipe	1/2" male pipe	1/2" male pipe
Housing Material	ABS	ABS	ABS
O-ring Material	Nitrile	Nitrile	Nitrile
Flow Rate (@72 psi)	3.4 GPM	5.8 GPM	7.9 GPM
Estimated Capacity ²	800 gallons	3,400 gallons	15,000 gallons
Chlorine Resistance ³	≤10 ppm	≤10 ppm	≤10 ppm

¹ Third party tested for bacterial retention of *B. diminuta* to ASTM F838 for sterilizing grade filters

² Depending on the quality of influent water

³ Continuous dosage of ≤10 ppm over operating time; short term (60 min) high dosage (400,000 ppm) for chemical disinfection

Related Parts

P/N	Description
QCK02	Baclyser® Inline Direct Installation
QCK03	Baclyser® Inline Series 40 New Installation Kit
QCK04	Baclyser® Inline Series 40 Replacement Kit
QCK05	Baclyser® Inline Series 50 Replacement Kit
QCK06	Baclyser® Inline Series 50 New Installation Kit
QCK09	Baclyser® Inline Screw-On Push Connect Kit

Benefits of Baclyser® Inline Filters:

Quick Connection Kits provide end users the parts needed to quickly and cost-effectively install Baclyser® Inline Filters in a variety of plumbing configurations. Contact us with any questions or if you need assistance.

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About AquaMedix

AquaMedix develops, manufactures, and distributes point-of-use (POU) and inline filtration systems designed to protect against waterborne bacteria. Proprietary filters trap potentially lethal pathogenic bacteria such as *Legionella*, *Pseudomonas*, *Acinetobacter*, *Nontuberculous Mycobacterium*, and *Stenotrophomonas*. In addition to selling a complete line of CleanSpray POU and inline filtration systems, AquaMedix is the U.S. Master Distributor for Baclyser® POU and inline filters by Aqua free.

FDA Class I Medical Device. Filters are intended for use on visually clear drinking water that meets all other public health standards. Filters are not intended for reducing pathogenic virus particles. Filter not for use with any injection or infusion applications or applications requiring United States Pharmacopeia sterile water. The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change. For current information contact AquaMedix. Any appliance or equipment utilizing these filters must be maintained, disinfected, and sanitized according to the manufacturer's instructions.