

WATER FILTRATION FOR INFECTION CONTROL

Inline Combination Ice Machine Filtration IC

The Inline Combination Ice Machine Filtration System IC includes an FDA Medical Device intended to prevent transmission of waterborne pathogens such as *Legionella* and *Pseudomonas*. This System utilizes two stages of filtration – prefiltration and bacterial retention

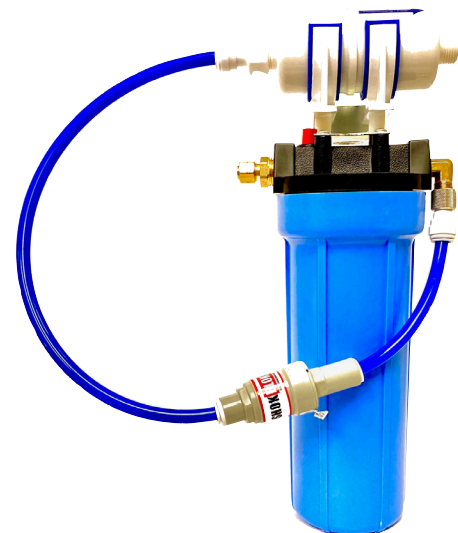
Bacterial Retention – Baclyser® IL5 0.20 µm Filter with sterilization grade membranes
 Pre-filtration – MicroExact™ 0.5 µm nominal 10" to remove particulates



Bacterial Retention

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
10" sediment prefilter cartridge	Removes sediment and extends bacterial filter service life
Chlorine resistant membrane and housing material	Compatible with secondary water treatment chemical disinfectants

Pre-filtration



A standard 10" housing allows for other prefiltration cartridges to be used for:

- scale reduction
- carbon block filtration
- scale and carbon filtration
- taste and odor
- other combinations to suit your specific facility requirements

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.

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Specifications	MicroExact™ 0.5 µm 10"	Baclyser® IL5
Replacement Part Number	48123	48123
Membrane Material	Polypropylene (PP)	Polysulfone (PSU)
Membrane Type	Stringwound filter	Hydrophilic hollow fibers
Maximum Pore Size	0.5 µm nominal	0.20 µm
Bacterial Retention ¹	N/A	>99.99999% (>7 log)
Maximum Filter Life	6 months	6 months
Maximum Inlet Pressure	N/A	75 psi
Maximum Temperature	180 °F	104 °F ²
System Dimensions (H x W x D)	15.25" x 5.75" x 4.75"	15.25" x 5.75" x 4.75"
Filter Dimensions	10.0" x 2.4"	6.0" x 2.4"
Connection	N/A	1/2" male pipe
Housing Material	N/A	ABS
O-ring Material	N/A	Nitrile
System Flow Rate (@75 psi)	3.75 GPM	3.75 GPM

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

² Application with higher temperatures only after consultation with AquaMedix

Related Parts

P/N	Description
QCK08	Post-Installation Disinfection Port
QCK09	IC Install Kit
DSK	Disinfection Syringe Kit
48123	Refill Cartridge Set
SB-FPV-60/38	Shok Blok Pressure Reducer
DPE 06-B	Replacement Tubing 3/8" OD

The **Brass Compression Inlet Adapter and Elbow, Mounting Spacers, Mounting Screws, Shok Blok, Tubing, and Mounting Bracket** are included with the initial IC purchase.

A **QCK09** Kit is used for the first install of the IC to the water supply and ice machine.

A **QCK08** Kit is used to disinfect the IC system post installation or replacement.

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.

Our products include shower and faucet filters as well as standard and specialty inline filters to protect water used in ice machines, coffee machines, dental office sprayers, and other appliances. AquaMedix products are easy to install and maintain without large capital expenses or the need for costly chemicals, machinery, or special training. With filters installed nationwide in healthcare facilities, AquaMedix is positioned to address infection control concerns with a variety of in novative and cost-effective products.

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.

