

WATER FILTRATION FOR INFECTION CONTROL

Inline Combination Ice Machine Filtration IC

The Inline Combination Ice Machine Filtration 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.

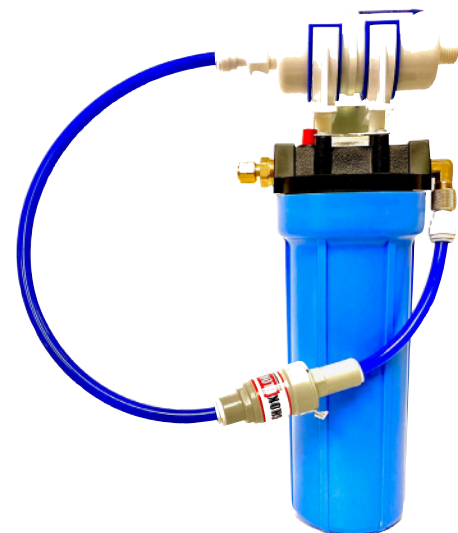
Bacterial Retention – Baclyser® IL5 0.20 µm Filter with sterilization grade membranes
 Pre-filtration – 0.5 µm nominal 10 to remove particulates



Bacterial Retention

Pre-filtration

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



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 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.

Inline Combination Ice Machine Filtration IC

Specifications	0.5 µm Prefilter	0.2 µm Bacteria Filter
Replacement Part Number	48123	48123
Membrane Material	Polypropylene (PP)	Polysulfone (PSU)
Membrane Type	Stringwound filter	Hollow fiber
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	140 °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	Pressure Reducer
DPE 06-B	Replacement Tubing 3/8" OD

The **Brass Compression Adapter, Spacers, Mounting Screws, Pressure Reducer, Tubing, and Mounting Bracket** are included with the IC System.

The **QCK09** Kit can be used to connect the IC system from the water supply to the ice machine.

The **QCK08** Kit is used to disinfect the IC system after initial installation or scheduled filter exchanges.

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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.