

## WATER FILTRATION FOR INFECTION CONTROL

### AquaMedix Inline Ultra Filters

The Inline Ultra Filters are an FDA Medical Device intended to prevent transmission of waterborne pathogens and deliver microbiologically safe water for high flow and volume applications. Inline Filters UF are available in two size options.

Ultra 10 Inline Filter UF10 P/N 1043 - Maximum Filter Life is 6 months

Ultra 20 Inline Filter UF20 P/N 1380 - Maximum Filter Life is 6 months



Feature	Advantage
0.02 µm sterilizing grade membrane	Achieves 7-log bacterial reduction/ASTM F838 reduction & 4-log virus reduction
6-month service life	Immediate and long-term protection against microorganisms
10" or 20" exchangeable cartridge	Compatible with any model 10" or 20" filter housing
High flow rates and capacity	Wide range of applications
Chlorine resistant membrane and housing material	Compatible with secondary water treatment chemical disinfectants

#### Applications

- AER processors
- TEE processors
- Sterile water loop prefiltration
- Medical device rinsing sinks
- Dental Unit Water Lines
- Birthing tubs
- Ice Machines

**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.

# AquaMedix Inline Ultra Filters

Specifications	Ultra 10 (UF10)	Ultra 20 (UF20)
Part Number	1047	1398
Membrane Material	Polyethersulphone (PES)	Polyethersulphone (PES)
Membrane Type	Hydrophobic hollow fiber	Hydrophobic hollow fiber
Maximum Pore Size <sup>1</sup>	0.02 µm absolute	0.02 µm absolute
Housing Type	HDPE	HDPE
End-Cap Type	C-PVC & PP	C-PVC & PP
Seal Type	EPDM	EPDM
Bacterial Retention <sup>2</sup>	99.99999% (>7 log)	99.99999% (>7 log)
Virus Retention	99.99% (> log 4)	99.99% (> log 4)
Maximum Filter Life <sup>3</sup>	6 months	6 months
Maximum Inlet Pressure	75 psi	75 psi
Maximum Temperature	104 °F	104 °F
Dimensions	2.5" x 9.75"	2.5" x 20"
Flow Rate (@72 psi)	2.25 GPM	5.25 GPM
Estimated Capacity <sup>3</sup>	3,000 Gal +	7,000 Gal +

<sup>1</sup> Membrane cartridge tested for integrity according to ASTM D6908-06

<sup>2</sup> Third party tested for bacterial retention of *B. diminuta* to ASTM F838 for sterilizing grade filters

<sup>3</sup> Depending on the quality of influent water

## Distributed by

## 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.