

3M™ Liqui-Flux™ Membrane Module MF-PP Series, Type B42

Typical Properties

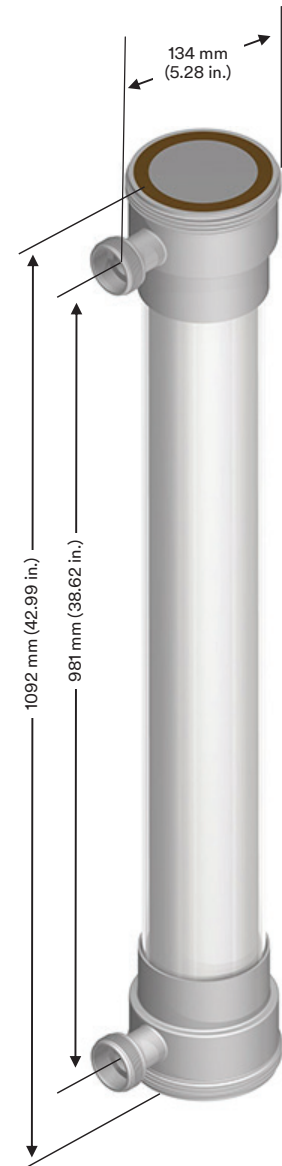
Applications	
Intended Use	Vinegar Filtration

Module Characteristics	
Membrane Surface Area	6.4 m ²
Membrane Type	MF-PP
Membrane Material	Polypropylene
Pore Size (nominal)	0.2 µm
Capillary Inner Diameter	1.8 mm
Operating Mode	Cross-Flow Filtration Inside-Out
Housing Material	Polysulfone
Potting Material	Polyurethane
Connection Concentrate	Screw connection 6" NPSM
Connection Filtrate	Screw connection 1-1/2" NPSM
Maximum Housing Pressure at Temperature	4.0 bar at 20°C

Operating Conditions	
Maximum Transmembrane Pressure Inside – Outside	2.5 bar at 20°C 1.5 bar at 40°C
Maximum Back Flush Pressure Above Outlet Pressure	1.0 bar at 20°C 0.5 bar at 40°C
Inlet Liquid Volume Flow (for velocity of 1 m/s)	~11 m ³ /h
pH-range During Operation	2 – 10
pH-range During Short Term Cleaning	2 – 13

Cleaning Conditions	
Maximum Inlet Pressure at Temperature	1.0 bar at 50°C

Regulatory Compliance	
According (EU) 10/2011 & (EC) 1935/2004	



All dimensions are nominal.

Product Selection and Use

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