

TECHNICAL SPECIFICATION SHEET

Features and Benefits

- Enhanced hydrophilic material
- Reduced fouling
- Consistent, high quality permeate
- Enhanced tolerance to cleaning chemicals
- Sharp rejection profile
- Long lifespan
- Small footprint
- Efficient system recovery



Membrane Specifications

Features	UOM	Specifications
Structure	-	Asymmetric
Base Material	-	Polyvinylidene Fluoride (PVDF)
Flow Direction	-	Outside-In
Outer Diameter	mm / inch	1.30 / 0.051
Inner Diameter	mm / inch	0.70 / 0.028
Wall Thickness	mm / inch	0.30 / 0.012
Tensile Force	N	> 5
Bacteria Log Reduction Value (LRV)	-	6
NaOCl Tolerance (Cleaning)	ppm	5,000
NaOCl Tolerance (Continuous)	ppm	30

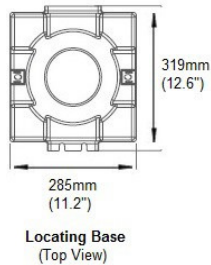
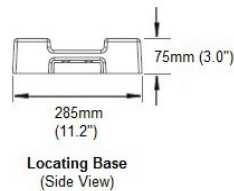
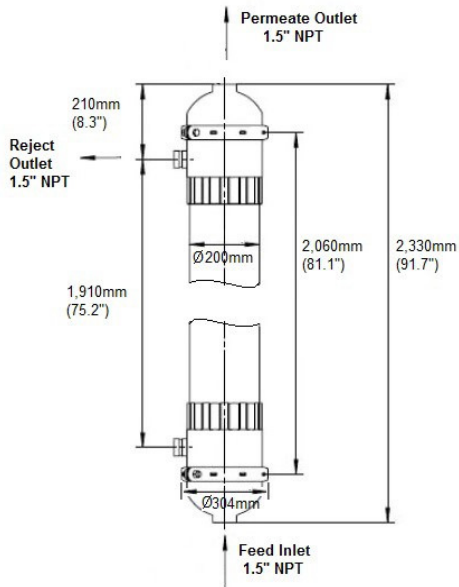
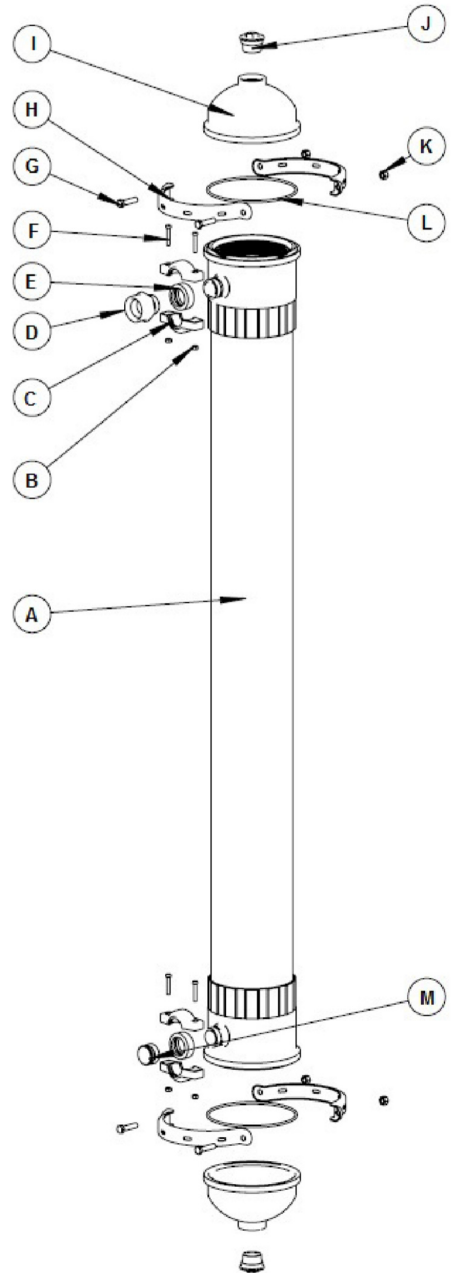
Module Specifications

Features	UOM	Specifications
Dimensions (Overall Dia. x Length)	mm / inch	200 x 2,330 / 7.87 x 91.73
Membrane Area	m ² / ft ²	60 / 646
Feed Inlet	inch	1.5 NPT
Permeate Outlet	inch	1.5 NPT
Reject Outlet	inch	1.5 NPT
Dry Weight	kg / lbs	42 / 93
Wet Weight	kg / lbs	92 / 203
Housing	-	ABS / U-PVC
End Caps	-	ABS / U-PVC
Sealant	-	Epoxy

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Operating Parameters & Limits	
Maximum Feed Pressure	4.0 bar
Maximum Transmembrane Pressure	3.0 bar
Maximum Backwash Pressure	2.5 bar
Typical Transmembrane Pressure Range	0.2 – 1.5 bar
Temperature Range	1 – 40°C
Operating pH	1 – 11
Cleaning pH	1 – 13
Air Scour Flow	5 - 12 Nm ³ /h/module
Maximum Air Scour Feed Pressure	2.5 bar

Item	Description	Material
A	Module Housing	uPVC
B	Hexagon Nut	SS304
C	Coupling	uPVC
D	Side Joint	uPVC
E	Coupling Gasket	EPDM
F	Hexagon Socket Bolt	SS304
G	Hexagon Bolt	SS304
H	Clamp	SS304
I	Seal Cap	uPVC
J	Pipe Plug	uPVC
K	Hexagon Nut	SS304
L	O-Ring	EPDM
M	Coupling Cap	uPVC



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