

## TECHNICAL SPECIFICATION SHEET

### Features and Benefits

- High tensile strength
- Enhanced hydrophilicity
- Low fouling
- Consistent, high quality permeate
- Sharp rejection profile
- Long lifespan
- Small footprint



### Membrane Specifications

Features	UOM	Specifications
Structure	-	Asymmetric
Base Material	-	Reinforced polyethersulfone (PES)
Outer Diameter	mm / inch	1.48 / 0.058
Inner Diameter	mm / inch	0.65 / 0.026
Molecular Weight Cut-Off (MWCO)	Daltons	120,000
Bacteria Rejection	%	> 99.9999
Tensile Force	N	11-12

### Module Specifications

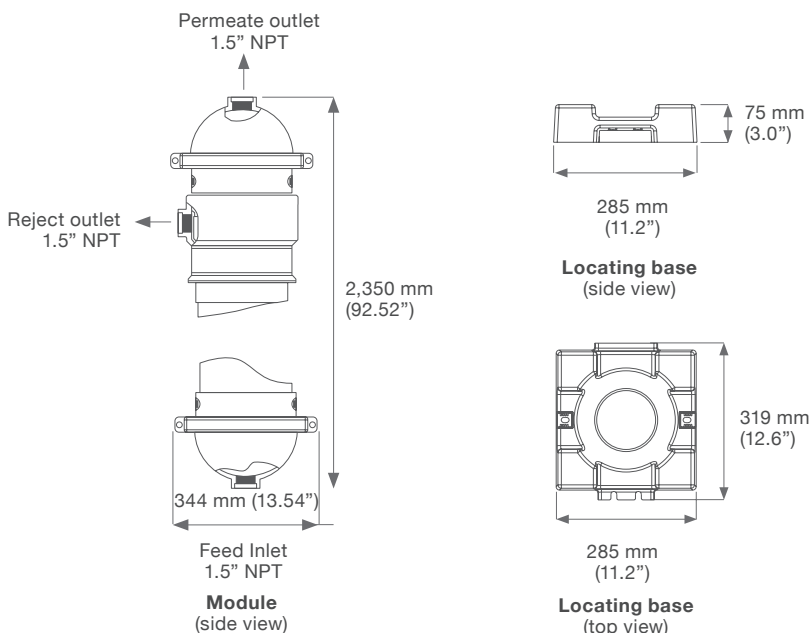
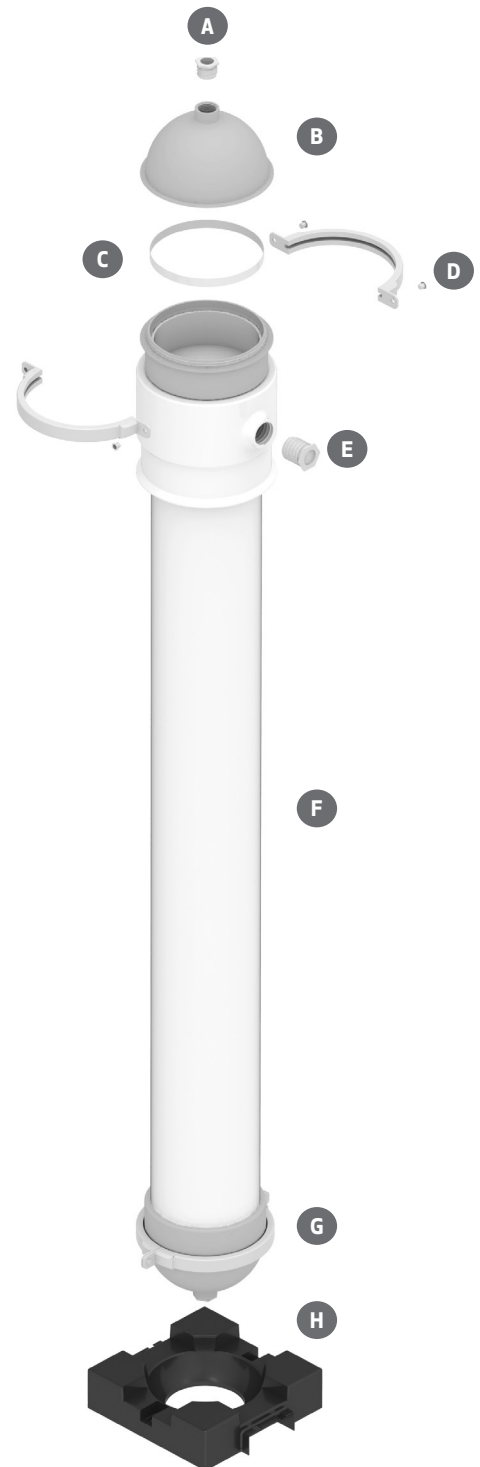
Features	UOM	Specifications
Dimensions (Overall Dia. x Length)	mm / inch	344 X 2,350 / 13.54 x 92.52
Membrane Area	m <sup>2</sup> / ft <sup>2</sup>	55 / 592
Feed Inlet	inch	1.5 NPT
Permeate Outlet	inch	1.5 NPT
Reject Outlet	inch	1.5 NPT
Dry Weight	kg / lbs	60 / 132
Wet Weight	kg / lbs	100 / 220
Housing	-	PVC
End Caps	-	PVC
Sealant	-	Proprietary composite potting materials

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### Operating Parameters & Limits

Flow Type	Outside-In
Operating Temperature	5 – 40°C
Clean Water Flux @ 30°C	200 LMH / 118 GFD
Operating pH	2 – 10
Cleaning pH	2 – 11
Max. NaOCl - Cleaning (ppm)	500 ppm
Max. NaOCl - Continuous (ppm)	10 ppm
Operating TMP	0.2 – 1.5 bar
Max. Feed Pressure	2.5 bar
Max. Backwash TMP	2.0 bar
Max. Cleaning TMP	2.0 bar

Item	Description	Material
A	Permeate port	PVC
B	Permeate end cap	PVC
C	O-ring (permeate side)	EPDM
D	Clamps (permeate side)	POM
E	Reject chamber/port	PVC
F	Housing	PVC
G	Feed end cap	PVC
H	Locating base	ABS



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