

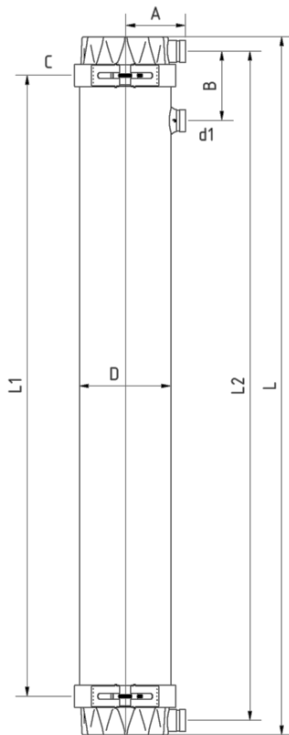
Technical Datasheet

dizzer[®] XL 0.9 MB 80 W

80 m² Filtration Surface with Connecting Kit for Integration with Open Platform Racks



dizzer® Module Specifications



Module	dizzer® L 0.9 MB 80 W incl. Connecting Kit	
Part number	VK-0109	
Active membrane area	80 m ²	861 sq.ft.
Length of module incl. endcaps (L)	1914,0 mm ± 3,0	75 23/64 inch
Length without endcaps (L1)	1720 mm	67 23/32 inch
Distance feed connectors (L2)	1834,0 mm	72 13/64 inch
Distance feed – module center axis (A)	165,0 mm	6 1/2
Distance feed – filtrate connector (B)	190,0 mm ± 1,5	7 31/64
Outer diameter end cap coupling max. (C)	295,0 mm	11 39/64 inch
Outer Diameter module (D)	250,0 mm	9 27/32 inch
Connector flexible Victaulic (d1)	50,8 mm	2 inch
Shipping Weight (wet)	58 kg	128 lbs.
Casing material	PVC-U, white	
Endcap material	PVC-U, grey	
Endcap coupling	Stainless Steel with EPDM sealing	



Operational Data		
Operating parameters		
Permissible temperature range	1 – 40 °C	34 – 104 °F
Max. operating pressure	5 bar	72 psi
Flux rate		
Filtration *	60 – 180 l/(m ² h)	35 – 105 gfd
Standard backwash	230 l/(m ² h)	135 gfd
Backwash range	230 – 300 l/(m ² h)	135 – 175 gfd
Transmembrane pressure		
Filtration max. *	3.0 bar	43.51 psi
Standard backwash *	0.3 – 3.0 bar	5 – 43.51 psi
Burst pressure (membrane)	> 10 bar	> 150 psi
Cleaning / disinfection chemicals		
NaClO (Sodium Hypochlorite)	max. 500 ppm max. 250,000 ppm × h (at pH ≥ 9.5)	
H ₂ O ₂ (Hydrogen Peroxide)	max. 500 ppm	
Caustic pH	max. 13	
Acid pH	min. 1	

* Specifications apply to normal operating conditions

Multibore® Membrane Specifications

Membrane	Multibore® 0.9
Capillaries per fiber	7
Inside diameter of capillary	0.9 mm
Pore size	approx. 0.02 µm
Material	PESM
Mode of Operation	In-to-Out filtration

Note

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