

dizzer® XL W Series

for Open Platform Installation

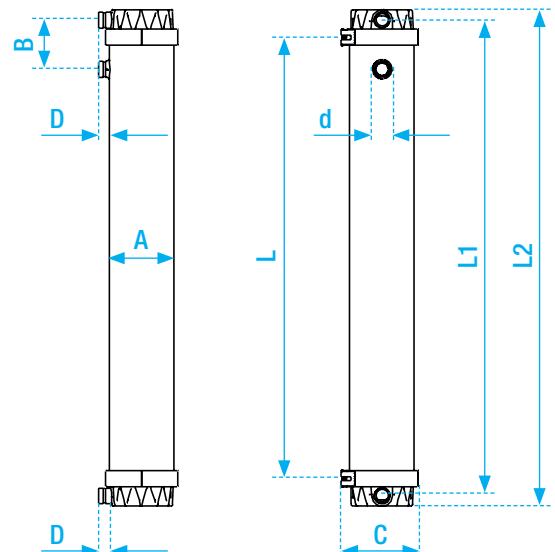
Module Specifications

Module reference	dizzer® XL 0.9 MB 38 W	dizzer® XL 0.9 MB 60 W	dizzer® XL 0.9 MB 80 W	dizzer® XL 1.5 MB 25 W	dizzer® XL 1.5 MB 40 W	
Part number ^[1]	VK-0070	VK-0068	VK-0109	VK-0071	VK-0069	
Type of membrane ^[2]	Multibore® 0.9					
Active membrane area	m ² ft ²	38 410	60 645	80 861	25 270	40 430
Shipping weight	kg lbs.	36 79.4	48 105.8	59 130.1	35 77.2	47 103.6
Module type		1	2	3	1	2

Module type			1		2		3	
Module length (L)	mm	inch	985 ±1.5	38.78	1485 ±1.5	58.46	1720 ±1.5	67.72
Distance top / bottom feed port (L1)	mm	inch	1100 ±3	43.31	1600 ±3	62.99	1834 ±3	72.20
Length with end caps (L2)	mm	inch	1180 ±3	46.46	1680 ±3	66.14	1914 ±3	75.35

Dimensions				
Module diameter (A)	mm	inch	250 ±1.5	9.84
Distance feed top port - filtrate port (B)	mm	inch	190 ±1.5	7.48
Outer diameter end cap coupling max. (C)	mm	inch	295	11.61
Port length (D)	mm	inch	40 ±1	1.57
Filtrate / Backwash port (d)		inch		2

Material	
Housing	PVC-U white
End cap	PVC-U grey
End cap coupling	SS (EPDM sealing)



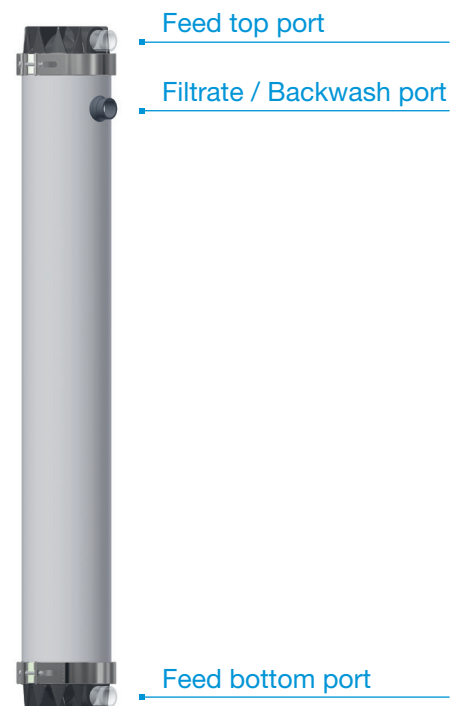
Operating Parameters

Temperature ^[3]				
Permissible temperature range	°C	°F	1 – 40	34 – 104

Flux				
Filtration ^[4]	L/(m ² .h)	gfd	60 – 180	35 – 105
Backwash ^[4]	L/(m ² .h)	gfd	230	135
Backwash range	L/(m ² .h)	gfd	230 – 300	135 – 175

Pressure				
Maximum operating pressure ^[5]	bar	psi	5	72
Transmembrane pressure in Filtration	bar	psi	0.1 – 1.5	1.5 – 20
Transmembrane pressure in Backwash	bar	psi	0.3 – 3.0	5 – 40

Cleaning / Disinfection	
Chemicals	Please refer to "Type of membrane"



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- [1] Module with Connecting Kit (end caps and couplings). Please contact inge GmbH if you want to order replacement modules without Connecting Kit. Modules are delivered with end caps ports aligned with the filtrate / backwash port with a tolerance of ± 3 mm. In the event that the alignment needs to be modified, the end cap couplings can be loosened to align the end caps ports with the filtrate / backwash port as desired. After alignment, the end cap couplings must be fastened with a torque wrench whose tightening value must be set at 40 Nm.
- [2] Please refer to the latest version of the Multibore® datasheet.
- [3] Do not subject the module to sudden temperature changes (> 5°C/min – > 41°F/min) or water hammers.
- [4] Typical.
- [5] The design pressure corresponds to the maximum permitted operating pressure in continuous operation at the specified design temperature. Higher operating pressures than 5 bar may be possible in certain cases. However, this must first be verified and approved by inge GmbH.

Note

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