

dizzer® XL WR Series

dizzer® Plus WR Series

for Open Platform Installation

Module Specifications

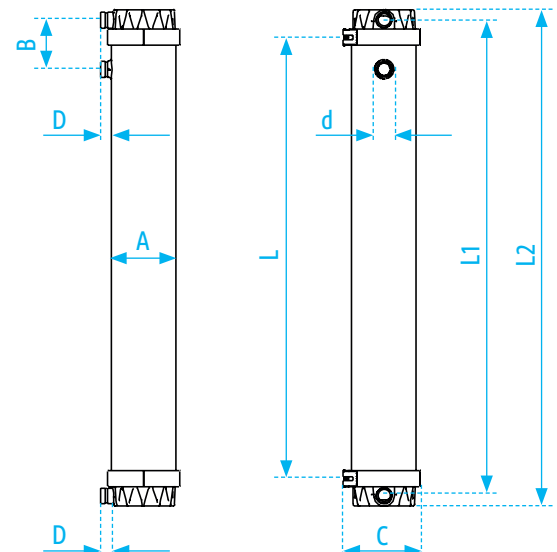
Module reference			dizzer® XL 0.9 MB 36 WR	dizzer® XL 0.9 MB 60 WR	dizzer® XL 1.5 MB 25 WR	dizzer® XL 1.5 MB 40 WR	dizzer® 3000Plus WR	dizzer® 5000Plus WR						
Part number ^[1]			VK-0090	VK-0089	VK-0092	VK-0091	VK-0093	VK-0094						
Type of membrane ^[2]	Multibore® 0.9				Multibore® 1.5				Multibore® 0.9					
Active membrane area	m ²	ft ²	36	390	60	645	25	270	40	430	30	323	50	538
Shipping weight	kg	lbs.	35	77	48	106	35	77	47	104	34	75	46	102
Module type			1		2		1		2		1		2	

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Module length (L)	mm	inch	985 ±1.5	38.78	1485 ±1.5	58.46
Distance top / bottom feed port (L1)	mm	inch	1100 ±3	43.31	1600 ±3	62.99
Length with end caps (L2)	mm	inch	1180 ±3	46.46	1680 ±3	66.14

Common Characteristics

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	55 ±1	2.17
Filtrate / Backwash port (d)			inch	2

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



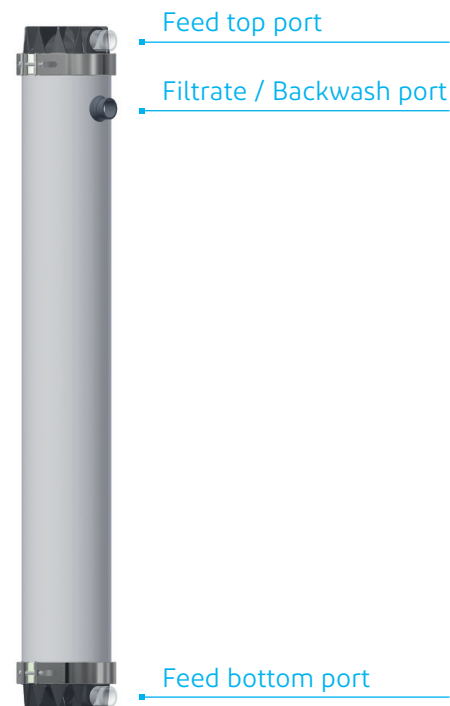
Operating Parameters ^[3]

Temperature

Permissible temperature range	°C	°F	1 – 40	34 – 104
Maximum rate of temperature change	°C/min	°F/min	5	9

Pressure

Maximum operating pressure ^[4]	bar	psi	5	72
Maximum rate of pressure change	bar/sec	psi/sec	0.5	7.25



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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] For membrane related operating conditions, please refer to [2].
- [4] 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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