

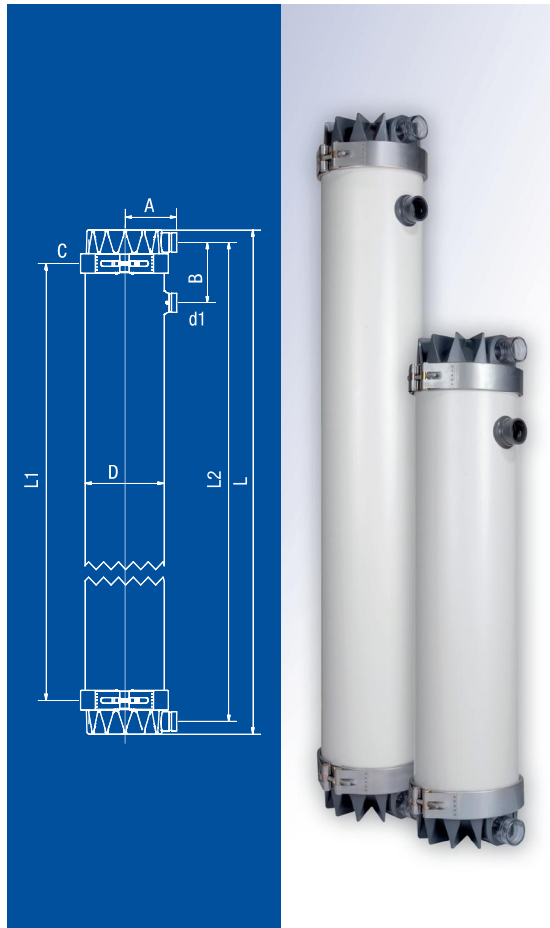
# dizzer<sup>®</sup> XL WR

Ultrafiltration modules



# dizzer® XL - Ultrafiltration modules

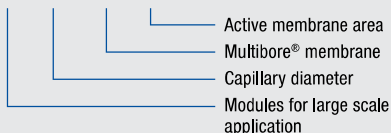
- Excellent efficiency and high output
- Easy installation, plug-and-play operation
- Compact design
- Low operating costs



### Modules for large scale application

Module designation:

**dizzer® XL 0.9 MB 60 WR**



### dizzer® modules with Multibore® 0.9 membrane

Module data			dizzer® XL 0.9 MB 60 WR		dizzer® XL 0.9 MB 36 WR	
Part number			VK-0089		VK-0090	
Membrane area	m <sup>2</sup> sq.ft.		60	645	36	390
Length with end cap (L)	mm inch		1680 ± 3	66 1/8	1180 ± 3	46 1/2
Length without end cap (L1)	mm inch		1486 ± 1.5	58 1/2	986 ± 1.5	38 3/4
Distance feed connectors (L2)	mm inch		1600 ± 3	63	1100 ± 3	43 1/2
Distance feed – module center axis (A)	mm inch		180	7 1/16	180	7 1/16
Distance feed – filtrate connector (B)	mm inch		190 ± 1.5	7 1/2	190 ± 1.5	7 1/2
Outer diameter end cap coupling max. (C)	mm inch		295	11 5/8	295	11 5/8
Outer diameter module (D)	mm inch		250	9 7/8	250	9 7/8
Connector flexible victaulic (d1)		inch	2			
Weight* (wet)	kg lbs.		55	120	40	90

### dizzer® modules with Multibore® 1.5 membrane

Module data			dizzer® XL 1.5 MB 40 WR		dizzer® XL 1.5 MB 25 WR	
Part number			VK-0091		VK-0092	
Membrane area	m <sup>2</sup> sq.ft.		40	430	25	270
Length with end cap (L)	mm inch		1680 ± 3	66 1/8	1180 ± 3	46 1/2
Length without end cap (L1)	mm inch		1486 ± 1.5	58 1/2	986 ± 1.5	38 3/4
Distance feed connectors (L2)	mm inch		1600 ± 3	63	1100 ± 3	43 1/3
Distance feed – module center axis (A)	mm inch		180	7 1/16	180	7 1/16
Distance feed – filtrate connector (B)	mm inch		190 ± 1.5	7 1/2	190 ± 1.5	7 1/2
Outer diameter end cap coupling max. (C)	mm inch		295	11 5/8	295	11 5/8
Outer diameter module (D)	mm inch		250	9 7/8	250	9 7/8
Connector flexible victaulic (d1)		inch	2			
Weight* (wet)	kg lbs.		55	120	40	90

### Technical information

Material						
Housing						PVC-U, white
End cap						PVC-U, grey
End cap coupling						SS (sealing EPDM)
Operation parameters						
Pressure max.	bar	psi	5			73
Temperature range	°C	°F	1 – 40			34 – 104

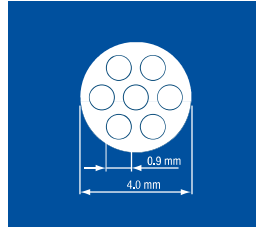
\* shipping weight

® = Registered trademark of BASF

# Multibore® 0.9 and 1.5 membranes

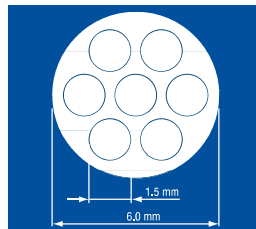
## Multibore® 0.9 membrane

Membrane data		
Capillaries per fibre		7
Inner diameter	mm	0,9
Outer diameter	mm	4,0
Pore size	µm	approx. 0,02
Material		PESM



## Multibore® 1.5 membrane

Membrane data		
Capillaries per fibre		7
Inner diameter	mm	1,5
Outer diameter	mm	6,0
Pore size	µm	approx. 0,02
Material		PESM



## Technical information

Cleaning/disinfection chemicals		Multibore® 0.9 and 1.5 membrane	
Free chlorine	ppm ppm x h	max. 200 max. 200,000 (at pH ≥ 9.5)	
H <sub>2</sub> O <sub>2</sub> (Hydrogenperoxide)	ppm	max. 500	
Caustic Soda pH		max. 13	
Acid pH		min. 1	
Flux rate			
Filtration*	l/(m <sup>2</sup> h)	gfd	60 – 180      35 – 105
Backwash standard	l/(m <sup>2</sup> h)	gfd	230      135
Backwash range	l/(m <sup>2</sup> h)	gfd	230 – 300      135 – 175
Transmembrane pressure (TMP)			
Filtration*	bar	psi	0,1 – 1,5      1,5 – 20
Backwash standard*	bar	psi	0,3 – 3,0      5 – 40
Burst pressure membrane	bar	psi	> 10      > 150

\* Specifications apply to common operating conditions.



Subject to technical modifications and errors. Modules are to be operated in accordance with the relevant inge® „Operator's Manual“. Customized configurations are available on request. Please contact the inge GmbH team if you require any further information.

### Note

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