

Datasheet

dizzer[®] L 0.9 MB 55

Multibore[®] Ultrafiltration Element for Vertical Operation



1 Upgrade your vertical UF system with Multibore® - the world's strongest UF fiber!

The dizzer® L 0.9 MB 55 is a UF module, which is based on inge®'s proprietary Multibore® membrane – the world's strongest UF fiber. Just add / reuse end caps and grooved 8" couplings and you are ready to experience Multibore® ultrafiltration at its best.

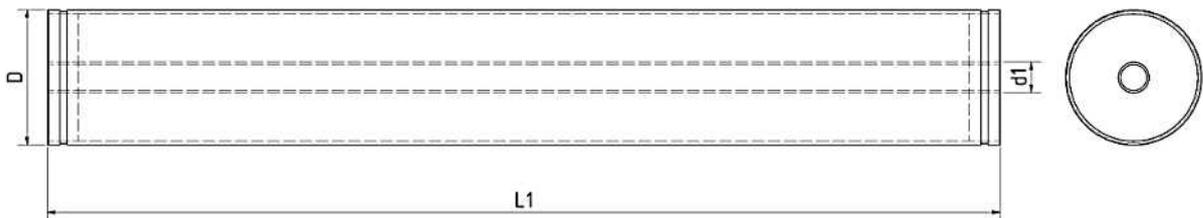
2 Multibore® UF Membrane Specifications



UF 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

3 dizzer® UF Module Specifications

UF Module Data	dizzer® L 0.9 MB 55	
Active membrane area	55 m²	592 sq.ft.
Total length of UF element (L1)	1537,5mm ± 1.5	60.51 inch
Outer diameter UF element (D)	220 mm	8.66 inch
Inner diameter filtrate connection (d1)	42.6 mm	1.68 inch
Shipping weight (wet)	35 kg	78 lbs.
Casing material	PVC-U , white	



Operational Data			
Operating parameters	Permissible temperature range	1 – 40 °C	34 – 104 °F
	Max. system pressure	3.0 bar	43.5 psi
Flux rate	Filtration *	60 – 180 l/(m²h)	35 – 105 gfd
	Standard backwash	230 l/(m²h)	135 gfd
	Backwash range	230 – 300 l/(m²h)	135 – 175 gfd
Transmembrane pressure (TMP)	Filtration max. *	3.0 bar	43.5 psi
	Standard backwash *	0.3 – 3.0 bar	5.0 – 43.5 psi
	Burst pressure (Multibore®)	> 10.0 bar	> 150.0 psi
Cleaning / disinfection chemicals	NaClO (Sodium Hypochlorite)	max.500 ppm	
		max. 250,000 ppm x 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

Note

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