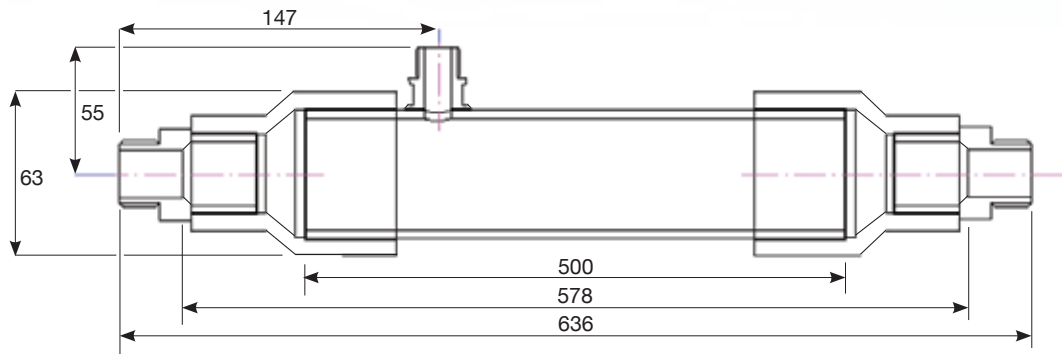


Ultrafiltration element

250 UF/MB/TAP



Ultrafiltration element

250 UF/MB/TAP

Specifications 250 UF/MB/TAP		SI		US	
Element data					
Material housing			PVC		PVC
Material connector			PVC		PVC
Housing length	mm	500	+/- 2,0	inch	20
Element length**	mm	578	+/- 3,0	inch	23
Element length	mm	636	+/- 3,0	inch	25
Distance permeate connector-feed connector**	mm	118	+/- 2,0	inch	5
Distance permeate connector-feed connector	mm	147	+/- 2,0	inch	6
Distance permeate connector-element center	mm	55	+/- 2,0	inch	121
Permeate connection male OD		1/2"		1/2"	
Feed connection male OD		1/2"		1/2"	
Housing OD	mm	50		inch	2
Element OD	mm	50		inch	2
Endcaps ID**	mm	25		inch	1
Weight	kg	0,7		lbs	2
Membrane Type					
Material			PES		PES
Type			SevenBore®		SevenBore®
Diameter bores ID	mm	0,9		inch	0,04
Diameter fiber OD	mm	4,0		inch	0,16
MWCO		kD 100-150			kD 100-150
Area	m ²	0,6		ft ²	6
Typical Process Conditions					
Maximum operating temperature	°C	40		°F	104
Maximum system pressure	bar	10		psi	145
Trans membrane pressure operation	bar	< 1,0		psi	< 14,5
maximum	bar	2,5		psi	36
Productivity clean water at 25° C (77°F)	l/m ² barh	1300-1600		gfd/psi	53-65
process	l/m ² h	100 to 350		gfd	60 to 210
backwash/forward flush	l/m ² h	250		gfd	150
Permeate flow at 100 l/m ² h	l/h	60		gpm	0,26
pH range during operation		3 -10			3 -10
Cleaning					
Soaking time during cleaning		min 5			
pH range during cleaning		1-13			
Disinfecting chemicals	hypochlorite (NaOCl)	ppm 50-200			
	hydrogenperoxide (H ₂ O ₂)	ppm 100-200			

** without screw ends (provided separately)

modifications reserved

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