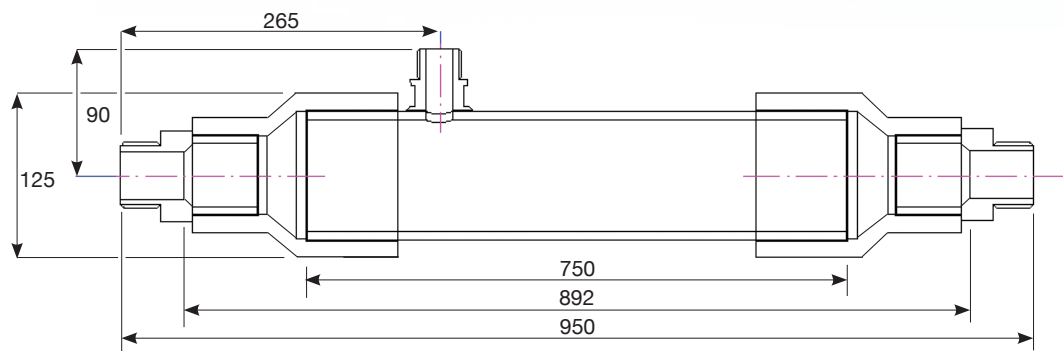


Ultrafiltration element

475 UF/MB/TAP



Ultrafiltration element

475 UF/MB/TAP

Specifications 475 UF/MB/TAP		SI		US	
Element data					
Material housing			PVC		PVC
Material connector			PVC		PVC
Housing length	mm		750 +/- 2,0	inch	30
Element length**	mm		892 +/- 3,0	inch	35
Element length	mm		950 +/- 3,0	inch	37
Distance permeate connector-feed connector**	mm		236 +/- 2,0	inch	9
Distance permeate connector-feed connector	mm		265 +/- 2,0	inch	10
Distance permeate connector-element center	mm		90 +/- 2,0	inch	4
Permeate connection male OD			1"		1"
Feed connection male OD			1"		1"
Housing OD	mm		110	inch	4
Element OD	mm		125	inch	5
Endcaps ID**	mm		32	inch	1
Weight	kg		3,6	lbs	8
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	m²		4,25	ft²	46
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/m²barh		1300-1600	gfd/psi	53-65
process	l/m²h		100 to 350	gfd	60 to 210
backwash/forward flush	l/m²h		250	gfd	150
Permeate flow at 100 l/m² h	l/h		425	gpm	2
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 (H2O2)		ppm 100-200		

** without screw ends (provided separately)