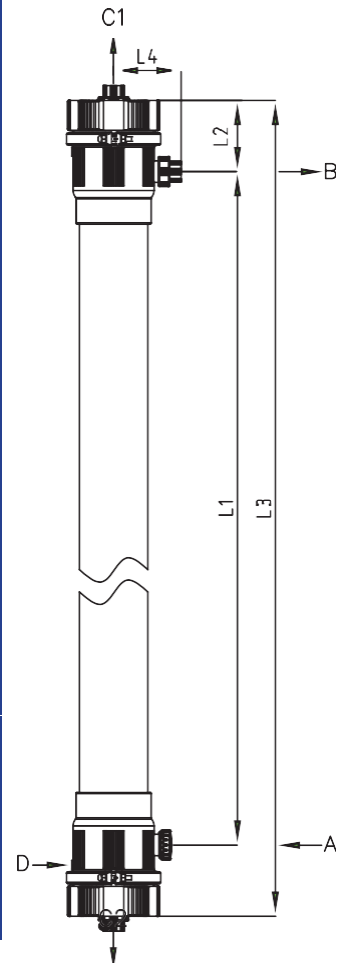




## PMUF-615A & PMUF-620A – Capillary Ultrafiltration Modules

Module Types	PMUF-615A	PMUF-615A MAX	PMUF-620A	PMUF-620A MAX
<b>Membrane Material</b>	PVDF (TIPS)			
<b>Pore Size (µm)</b>	0.04			
<b>Filtration Mode</b>	Outside-in			
<b>Housing Material</b>	uPVC/ABS			
<b>Potting Material</b>	Epoxy/Polyurethane			
<b>Filtration Surface Area (m<sup>2</sup>)[ft<sup>2</sup>]</b>	40 [430]	45 [484]	50 [538]	60 [646]
<b>Typical Filtrate Flowrate (m<sup>3</sup>/hr) [gpm]</b>	2.2 - 2.8 [10 - 12]	2.5 - 3.2 [11 - 14]	2.8 - 3.5 [12 - 15]	3.3 - 4.2 [15 - 18]
<b>Column volume (L) [gal]</b>	15 [4]		20 [5.3]	
<b>Weight (kg) [lbs]</b>	22 [49]		30 [66]	
<b>L1 (mm) [inches]</b>	1,386 [54.6]		1,856 [73.1]	
<b>L2 (mm) [inches]</b>	172 [6.8]			
<b>L3 (mm) [inches]</b>	1,730 [68.1]		2,200 [86.6]	
<b>L4 (mm) [inches]</b>	130 [5.1]			
<b>R (mm) [inches]</b>	160 [6.3]			
<b>Port A</b>	Standby		Feed/Drain - DN32	
<b>Port B</b>	Concentrate - DN32		Concentrate - DN 32	
<b>Port C1</b>	Filtrate - DN32		Filtrate - DN32	
<b>Port C2</b>	Feed/Drain/Air Inlet - DN32		Filtrate - DN32	
<b>Port D</b>	N/A		Air Inlet - Φ12/9.5	



OPERATIONAL DATA	LIMITS
Operating temperature (°C) [°F]	5 – 45 [41 – 113]
Typical flux (LMH) [gfd] <sup>1</sup>	40 – 120 [25 – 70]
Air Scour Flowrate (m <sup>3</sup> /hr/module) [cfm]	5 [3]
Instantaneous chlorine tolerance (ppm)	5,000
Maximum lifetime chlorine tolerance (ppm-hrs)	1,000,000
Maximum feed turbidity (NTU)	300 for 615A & 620A 100 for 615A MAX & 620A MAX
Maximum transmembrane pressure (bar) [psi]	1.5 [22]
Maximum feed pressure (bar) [psi]	3 [44]
Oil content in feed water (ppm)	< 2
pH range	Operating: 1 – 12; Cleaning: 1 – 14
Allowed particle size in feed water (mm)	≤ 0.5 ≤ 0.12 for seawater feeds

These are general descriptions and performance information. For additional operating information, storage instructions, and warranty terms, please contact Persalt Membranes for more details.