

ProCEM

MCE 1200-41-037-050



MEMBRANE

	Technical Specifications
Membrane length	1200 mm
Outer diameter MCE	41 mm
Inner diameter channel	3.8 mm
Pore size/MWCO	50 nm
Number of channels	37
Support material	Al ₂ O ₃
Coating material	Al ₂ O ₃
Membrane surface	0.53 m ²
Cross section area	419.6 mm ²
Weight	2.9 kg
Clean water flux	200 LMH @ 25 °C



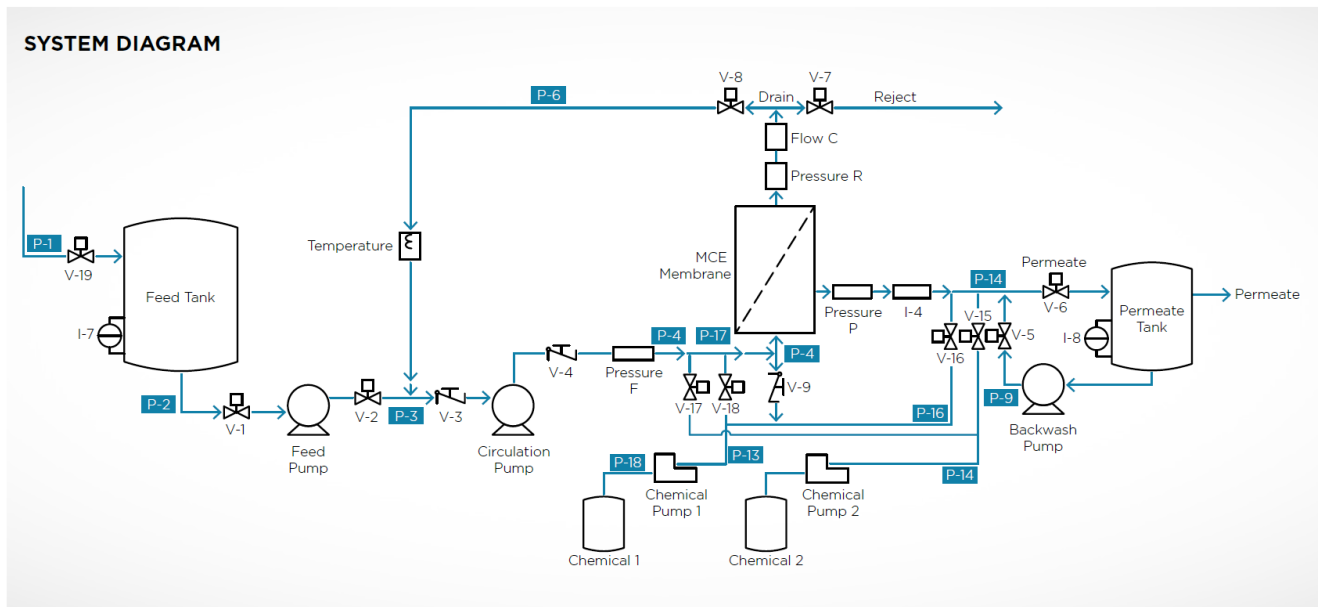
HOUSING AND SEALING

	Technical Specifications
Housing length	1209 mm
Housing diameter	168.3 mm
Housing material	316 Ti
Number of membranes	6
Total membrane surface	3.18 m ²
Total cross section area	2517.74 mm ²
Permeate connection	2 x 1" Victaulic
Feed & retentate connection	2 x 6" Victaulic
Weight	32.5 kg
Membrane sealing diameter	Ø 41 x 3.5 mm
Membrane sealing material	EPDM, NBR, Viton, PTFE, Silicone

OPERATION SPECIFICATION

	ProCEM MCE 1200-41-037-050
Temperature	5 – 100 °C
pH	0 – 14
System pressure	0 – 10 bar
Transmembrane pressure	Max. 20 bar
Volume flow	18 – 55 m ³ /h
Cross flow velocity	2 – 6 m/s
Backwash pressure	Max. 5 bar
Backwash flow	4 – 10 m ³ /h
Cleaning agents	NaOCl, NaOH, citric acid
Cleaning frequency	Every 2 – 4 weeks

SYSTEM DIAGRAM



MANN+HUMMEL WFS reserves the right to change specifications without prior notification.

Contact

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