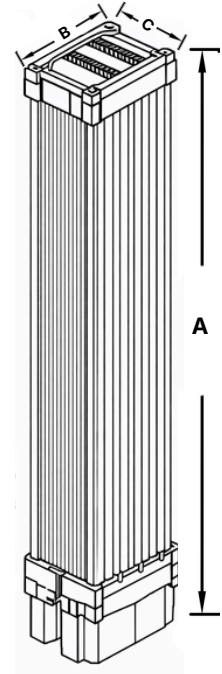


SPERTA 500S Series

MBR Membrane Module

Membrane Dimensions

Product	Hight (A)	Length (B)	Width (C)
SP-500S ¹	1,780.3 mm	277 mm	217 mm



Membrane Parameters

Product	Nominal Surface Area m ² (ft ²)	Membrane Material	Nominal Pore Size (µm)	Surface Properties	Fiber Diameter (mm)	Flow Path
SP-500S	27.9 (300) ²	PVDF	0.04	Non-ionic & Hydrophilic	OD: 1.9 ID: 0.8	Outside-In

Operating & Cleaning Specifications

TMP Range kPa (psig)	Max. Operating Temp. °C (°F)	Operating pH Range	Max. Cleaning Temp. °C (°F)	Cleaning pH Range	Max. Cl ₂ Concentration
-55 to 55 (-8 to 8)	40 (104)	5.0 to 9.5	40 (104)	2.0 to 10.5 ³	1,000 ppm

¹ Compatible with commonly used 500S/500SA-type cassette configurations for retrofit applications, without requiring major system modifications.

² Modules can be flexibly combined in multiple configurations (e.g., 2, 4, 8, 12, 16 units) to meet different capacity requirements.

³ Recommended cleaning pH range: 2.0-10.5 (≤30°C) 2.0-10.0 (30-40°C)