



ENEREAU DROP-IN MBR RETROFIT SOLUTIONS

Direct Replacement Membranes & Cassettes for Legacy ZeeWeed® MBR Systems

Enereau SP-500D™ MBR Membrane

Direct Replacement for Veolia ZeeWeed® 500D

The SP 500D™ MBR membrane is a direct drop-in replacement for ZeeWeed® 500D membranes. The module is engineered to match original fiber dimensions, potting configuration, and hydraulic performance, allowing direct installation into existing 500D systems with no retrofitting required.

Featuring 0.04 µm PVDF hollow-fiber membranes, the SP 500D™ delivers equivalent filtration performance and chemical durability to original membranes, supporting regulatory compliance and long-term operational reliability.



Membrane Dimensions										
Product	Height (mm)	Depth (mm)	Width (mm)	Nominal Surface Area (m ²)	Max. Shipping Weight kg (lb)	Membrane Material	Nominal Pore Size	Surface Properties	Fiber Diameter (mm)	Flow Path
SP-500D (440)	2,198	844	49	40.9	32 (70)	PVDF	0.04 micron	Non-ionic & Hydrophilic	OD: 1.9 ID:0.8	Outside-In
SP-500D (430)				40	32 (70)					
SP-500D (370)				34.4	28 (61)					
SP-500D (340)				31.6	26 (57)					
SP-500D (350s)	1,835			32.5	26 (57)					
SP-500D (300s)				27.9	24 (53)					



Enereau SP-500S™ MBR Membrane

Direct Replacement for Veolia ZeeWeed® 500S

The SP-500S™ MBR membrane is designed as a drop-in replacement for legacy ZeeWeed® 500S membrane modules. The module matches the original overall dimensions, port locations, and hydraulic characteristics, allowing seamless installation into existing 500S racks without structural modification or system redesign.

Constructed with 0.04 µm PVDF hollow-fiber membrane material, the SP-500S™ provides reliable solids separation, strong chemical resistance, and long service life. This Enereau-supplied drop-in retrofit solution enables plant owners to restore membrane performance and extend the life of existing MBR infrastructure.



Membrane Dimensions									
Product	Height (mm)	Depth (mm)	Width (mm)	Nominal Surface Area (m ²)	Membrane Material	Nominal Pore Size	Surface Properties	Fiber Diameter (mm)	Flow Path
SP-500s (300)	1838.8	355	216	27.9	PVDF	0.04 micron	Non-ionic & Hydrophilic	OD: 1.9 ID:0.8	Outside-In