



BIO-CEL L-2
MBR Module

Submerged MBR Modules for Wastewater Treatment

HIGH EFFLUENT QUALITY

BIO-CEL MBR is the cost-effective and scalable solution for meeting challenging effluent requirements for wastewater treatment. The BIO-CEL MBR membrane serves as an effective physical barrier for the retention of solids and bacteria. The BIO-CEL MBR modules produce a high volume of superior quality effluent at a consistent flow rate and is especially useful for water reuse applications.

SIMPLE MAINTENANCE

The open design of the BIO-CEL L-2 module enables 360° access of the membrane stack. This greater access improves cleaning capabilities and significantly reduces maintenance time.

LESS CLEANING TIME

The patented BIO-CEL MBR membrane laminate combines the advantages of flat sheet and hollow fiber membranes, allowing for backwash capability and increased durability.



MATERIAL DATA⁽¹⁾

Membrane area	480 m ² (5167 ft ²)	Connection permeate	2 1/2" G thread, Stainless Steel ⁽²⁾
Recommended airflow rate (Vn)	90 Nm ³ /h (53 SCFM)	Dry Weight	340 kg (750 lb)
Length (with diffuser unit)	1524 mm (5.0 ft)	Membrane	PES
Width	1080 mm (3.5 ft)	Housing	Stainless Steel
Height (with diffuser unit)	2435 mm (8.0 ft)	Drainage	Polyester
Connection aeration	Lapped flange DN80, PN10/16, PP ⁽²⁾	Diffusor	Membrane hose: Silicone (SI) Support tube: Polypropylene (PP)

Note: (1) nominal values // (2) adapters available

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