



MF FLAT SHEET MODULES | DESIGNED FOR FLAT SHEET UPGRADES

The BIO-CEL® L-2 Membrane Module, by Microdyn Nadir (MN), can be used to upgrade or expand most existing installations. However, for those applications that do not require ultrafiltration (UF) there is the high capacity MYTEX® module using microfiltration (MF) membranes by MN.

MYTEX modules are assembled using stackable, customizable blocks. Stack height is also adjustable. The minimum membrane area per unit (1 stack) is 1,012ft². The required water depth for a single stack unit is 4.8ft. The maximum membrane area per module (10 stacks) is 14,210ft². The largest unit requires an operating water depth of 20.1ft.

A 4-stack MYTEX module has 5,680ft² of membrane area and is compatible with BIO-CEL® operating parameters. For retrofit projects that require additional filtration capacity, the 5-stack module has 7,101ft² of membrane area. Custom mounting hardware is included to facilitate replacement



MYTEX BLOCK CHARACTERISTICS

Membrane Manufacturer	Microdyn Nadir
Membrane Polymer	PVDF
Nominal Pore Size	0.20 µm
Gravity Filtration	Yes
Thickener Applications	Yes
Total Membrane Area, ft ² (m ²)	560 (52)
Appx. Dimensions, W x L x H (in)	20 x 45 x 20

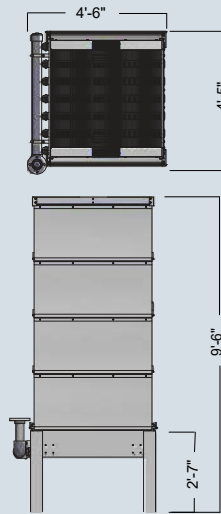


KEY FEATURES

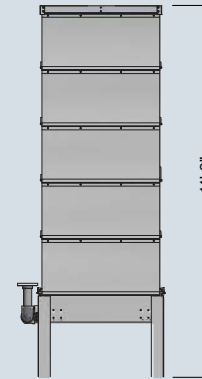


- High Solids Operation
- Will Not Dry Out
- High Permeability/Capacity
- High Transmembrane Pressure (TMP) Limits
- Rounded Edges Minimize Fiber Accumulation
- Single Element Replacement
- Compatible with OV480, OV960, BC-480, and L-1

DIMENSIONS



4 Stacks



5 Stacks

Customizable Designs | Extended Warranty Options

SPECIFICATIONS

Parameter	4 Stacks	5 Stacks
No. of Membrane Blocks	12	15
Total Membrane Area, ft ² (m ²)	5,680 (528)	7,101 (660)
Frame Material	PVC	PVC
Temperature Range (°C)	0 – 50	0 – 50
Max. MLSS (mg/l)	20,000	20,000
Max. TMP (psi)	< 11.6	< 11.6
Max. Backpressure (psi)	< 4.3	< 4.3
Bleach CIP (wt%)	< 0.3	< 0.3
Citric Acid CIP (wt%)	< 1.0%	< 1.0%
Air Scour Range (SCFM)	51 – 110	51 – 110
Air Scour Target (SCFM)	78	78

ADDITIONAL INFORMATION

Warranty:

1-yr standard. Up to 10-yr warranty coverage is available.

Scope of Supply:

Membrane modules, diffusers, and mounting hardware.

Custom guide rails and stabilizer pipes provided as needed on project-by-project basis.

Storage & Handling:

Modules must be handled and stored according to the Product Manual.