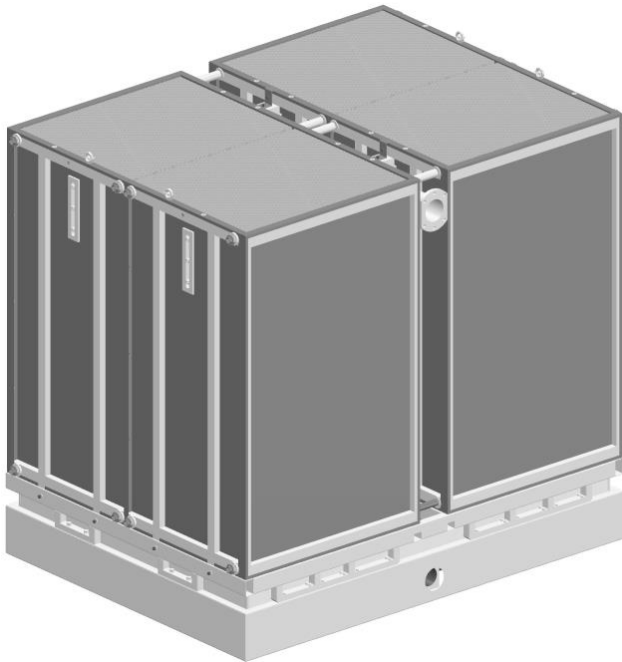


BIO-CEL[®] XL-1

- Modules for wastewater treatment -

Data Sheet



Material

Frame	Stainless Steel (Steel quality: 1.4301 / 304 and superior ⁽¹⁾)
Piping	Polyvinyl chloride (PVC)
Membrane	Polyether sulfone (PES)
Drainage	Polyester
Sealings	EPDM
Diffusor	PP/PUR

⁽¹⁾ Different grades upon request

Membrane and operation data ⁽²⁾

Membrane area	m ²	1920
Nom. MWCO	kDa	150
Pore size	µm	0.04
Permissible particle size in sludge	mm	2
Maximum airflow rate (V _n) ⁽³⁾	m ³ /h	460
Max. content suspended solids (SS), recommended ⁽⁴⁾	g/l	12
Max. trans membrane pressure during filtration	mbar	400
Max. trans membrane pressure during backwash	mbar	150
Max. operating/storage temperature	°C	40
Min. operating/storage temperature	°C	5
pH range		2 - 11
Chlorine resistance	ppmh	500.000
Length	mm	2786
Width	mm	2106
Height	mm	2450
Required ground clearance	mm	750
Connection aeration	Special flange, Adapter (DIN, ANSI; ...) as required	
Connection permeate	Special flange, Adapter (DIN, ANSI; ...) as required	
Dry weight	kg	1900
Wet weight	kg	2900
Maximum load ⁽⁵⁾	kg	6000

⁽²⁾ Nominal values

⁽³⁾ V_n is the volume flow rate at standard conditions according to DIN ISO 2533:1979-12

⁽⁴⁾ for higher SS concentration please contact MICRODYN-NADIR GmbH

⁽⁵⁾ Sludge deposit must be removed before lifting the module

MICRODYN-NADIR behält sich das Recht vor, Angaben ohne vorherige Ankündigung anzupassen.
We reserve the right to change specifications without prior notification.

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