

BIO-CEL[®] XS-1

- Modules for wastewater treatment -

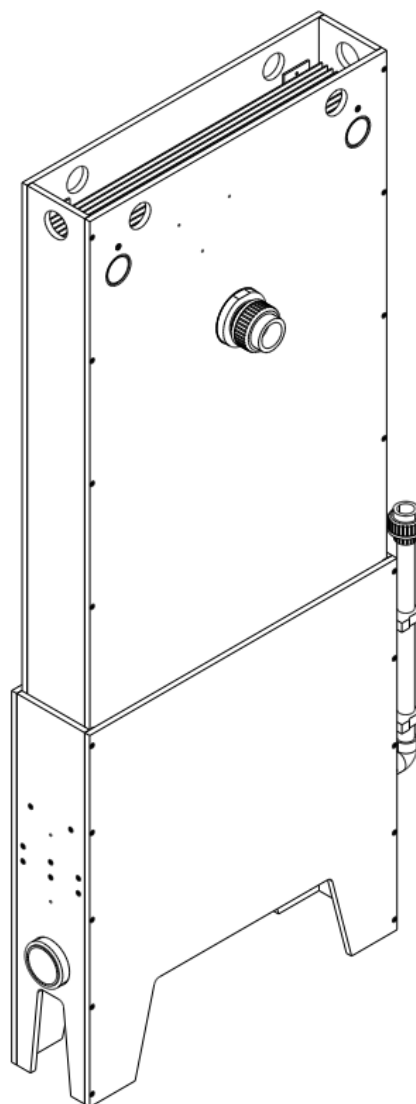
Data Sheet

Material

Housing	Polyvinyl chloride (PVC)
Piping	Polyvinyl chloride (PVC)
Membrane	Polyether sulfone (PES)
Drainage	Polyester
Sealings	EPDM
Diffusor	PP/PUR

Membrane and operation data

Membrane area	m ²	10
Nom. MWCO	kDa	150
Pore size	µm	0.04
Pre treatment, recommended	mm	2
Required airflow rate (maximum) (V _n) ⁽¹⁾	m ³ /h	6
Max. content suspended solids (SS), recommended ⁽²⁾	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	280
Width	mm	747
Height	mm	1515
Connection aerating		DN20, loose joint
Connection permeate		DN32, loose joint
Dry weight	kg	45
Wet weight	kg	55
Maximum load	kg	100



⁽¹⁾ V_n is the volume flow rate at standard conditions according to DIN ISO 2533:1979-12

⁽²⁾ for higher SS concentration please contact MICRODYN-NADIR GmbH

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We reserve the right to change specifications without prior notification.

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