

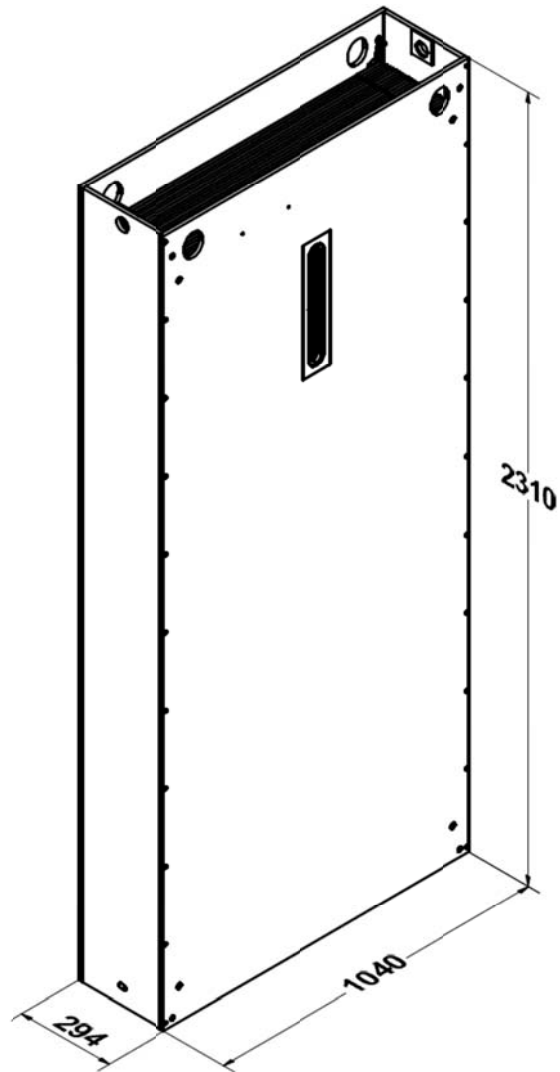
# BIO-CEL<sup>®</sup> C100-UP150

- Replacement Cassette for BC400 Modules -

## Data Sheet

Material	
Housing	Polyvinyl chloride (PVC)
Membrane	Polyether sulfone (PES)
Drainage	Polyester
Sealings	EPDM

Membrane- and operation data		
Membrane area	m <sup>2</sup>	100
Nom. MWCO	kDa	150
Pore size	µm	0.04
Pretreatment, recommended	mm	2
Maximum airflow rate (V <sub>n</sub> ) <sup>(1)</sup>	m <sup>3</sup> /h	35 <sup>(2)</sup>
Max. content suspended solids (SS), recommended <sup>(3)</sup>	g/l	12
Max. trans membrane pressure (TMP) during filtration	mbar	400
Max. trans membrane pressure (TMP) during backwash	mbar	150
Max. operation/storage temperature	°C	40
Min. operation/storage temperature	°C	5
pH-range		2 - 11
Chlorine resistance	ppmh	500.000
length	mm	1040
width	mm	294
height	mm	2310
Dry weight	kg	142
Wet weight	kg	250
Maximum load	kg	700



<sup>(1)</sup> V<sub>n</sub> is the volume flow rate at standard conditions according to DIN ISO 2533:1979-12

<sup>(2)</sup> provided that air distribution is even

<sup>(3)</sup> 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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