

# BIO-CEL<sup>®</sup> C25-UP150

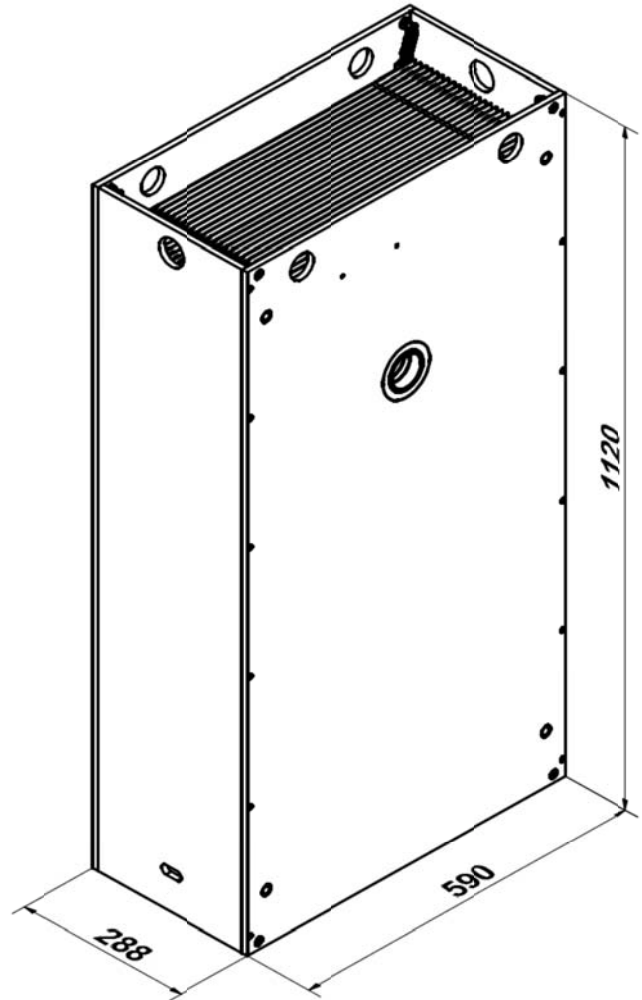
## - Replacement Cassette for BC50 & BC100 Modules - Data Sheet

### Material

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

### Membrane- and operation data

Membrane area	m <sup>2</sup>	25
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	15 <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	590
width	mm	288
height	mm	1120
Dry weight	kg	41
Wet weight	kg	70
Maximum load	kg	185



<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

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

MICRODYN-NADIR GmbH  
Industriepark Kalle-Albert  
Kasteler Straße 45  
D-65203 Wiesbaden

Telefon: +49 (0) 611/962-6001  
Telefax: +49 (0) 611/962-9237  
E-Mail: [info@microdyn-nadir.de](mailto:info@microdyn-nadir.de)  
Internet: [www.microdyn-nadir.de](http://www.microdyn-nadir.de)

