

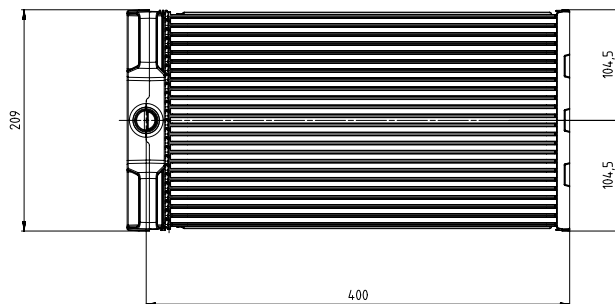
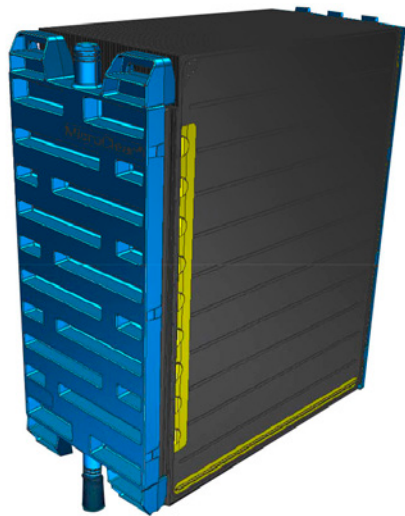
MicroClear®

Technical Data Sheet **CASSETTE FILTER MCXL2** Article-No. 80200072

Completely welded filter cassette for the filtration of water. Typical applications:

Waste Water in membrane bioreactors, surface water. The cassette consists of:

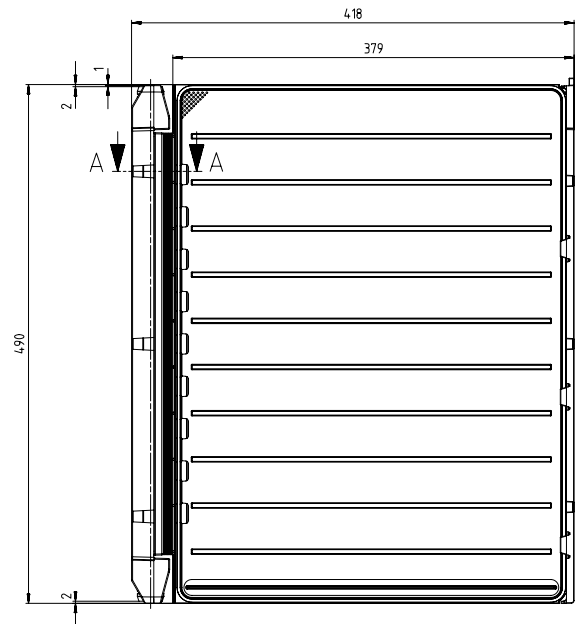
- housing and header made of polypropylene (FDA approved)
- 23 active filter plates made of polypropylene (FDA approved)
- 2 protective plates made of polypropylene (FDA approved)
- laser welded membrane made of Polyethersulfone (KTW approved)



Parameter	Unit	Value
dimension of filter cassette	L x W x H mm	209 x 418 x 490
outlet diameter	mm	25
protective plates		2
number of active plates		23
total membrane surface area	m ²	8
possible flow ¹	l/m ² h	
2 chemical cleanings/year		30
1 chemical cleaning/year		15
max. flow	l/m ² h	50
membrane material ²		PES/PVDF
pore size nom. ²	µm	0.04-0.3
filtration pressure	bar	0.1-0.25
backflush pressure	bar	0.07-0.1
filter housing material		PP
weight	kg	approx. 11.5

¹ depending on wastewater characteristics

² membrane material selectable for specified applications or customers



Revised: 30.06.2014

Design and specifications are subject to change without notice.

newterra gmbh
Steinbruchstrasse 8
35428 Langgoens
Germany

Tel +49 (0) 64 47 8 86 05 - 0
Fax +49 (0) 64 47 8 86 05 - 10
E-Mail info@microclear.de
Web www.microclear.de