

MicroClear®

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

Filter module with typical application as an ultrafiltration filter in membrane bioreactor system.

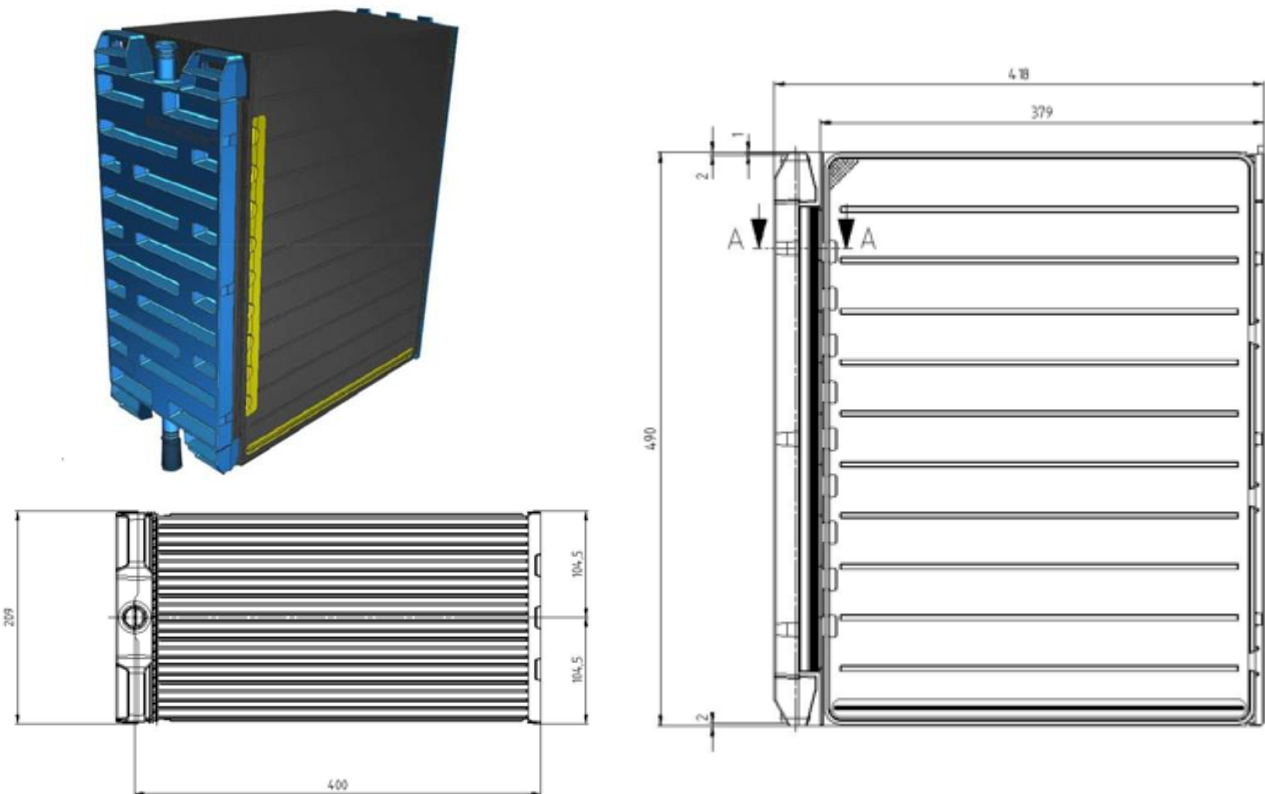
In a complete unit of filter cassette, modules are stacked and replacement of single module (8 m²) is possible to maintain minimum operating cost.

The module consists of:

- Plates and header made of polypropylene
- 23 active & 2 protective filter plates made of polypropylene
- Detachable backing panel for advanced mechanical cleaning
- Already activated Polyvinylidene Fluoride (PVDF) membrane

Parameter	Unit	Value
Dimension of filter module	L x W x H mm	209 x 418 x 490
Outlet diameter	mm	25
Number of protective plates		2
Number of active plates		23
Filter plates material		PP
Operating flux ¹	l/m ² h (lmh)	Up to 30
Possible flow	m ³ /day	5
Membrane material		PVDF (activated)
Nominal pore size	µm	0.03
Filtration pressure	bar	Up to 0.25
Max. backflush pressure	bar	0.1
Dry weight	kg	Approx. 12

¹ Depending on wastewater characteristics and operating conditions



Revised: October 2021

Design and specifications are subject to change without notice