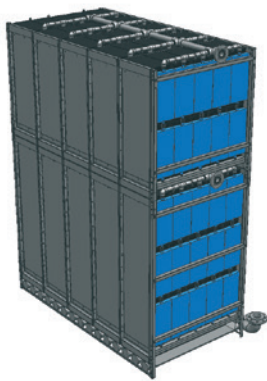


MicroClear®

Technical Data Sheet **FILTER HOUSING MB5-5** Article-No. 80200055

Complete assembled units for biological wastewater treatment with submerged membrane cassettes, including:

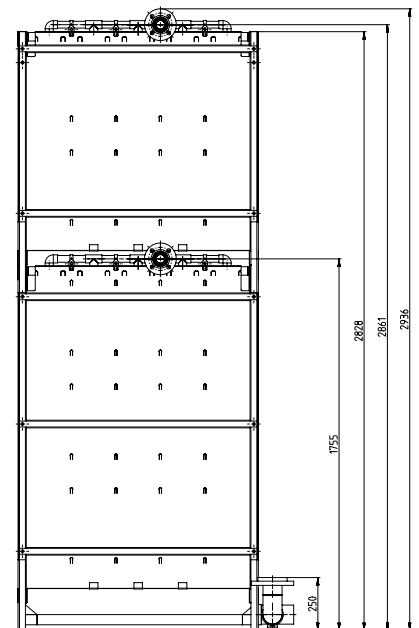
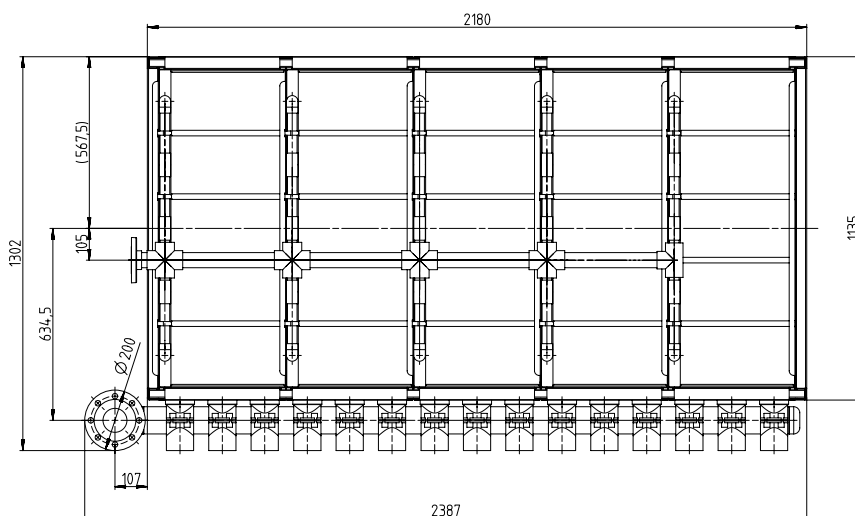
- Membrane cassettes MicroClear® MCXL2
- Filter housing made of stainless steel 1.4571
- Membrane tube diffuser for medium bubble aeration in the filtration tank optimized for the plate distance of the MicroClear® filters



Parameter	Unit	Value
dimension of filter housing (incl. flange for aeration)	L x W x H cm	130 x 238 x 295
air connection	DN/NPS	80/3"
filtrate connection	DN/NPS	40/1½"
total number of MicroClear® MCXL2 cassettes		125
total membrane surface area	m²	1.000
possible flow¹	m³/day	
2 chemical cleanings/year		630
1 chemical cleaning/year		315
membrane material²		PES/PVDF
pore size nom.²	µm	0.04-0.3
filtration pressure	bar	0.1-0.25
backflush pressure	bar	0.1
filter housing material		stainless steel 1.4571
medium bubble aeration membrane		EPDM
total required air flow for scouring	Nm³/h	125-250
weight	kg	approx. 2.150

¹ depending on wastewater characteristics

² membrane material selectable for specified applications or customers



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Design and specifications are subject to change without notice.

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