

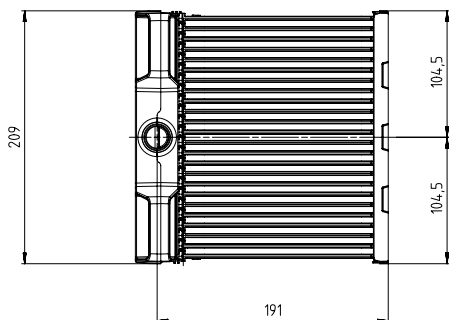
# MicroClear®

Technical Data Sheet **CASSETTE FILTER MCXS2** Article-No. 80200071

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

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

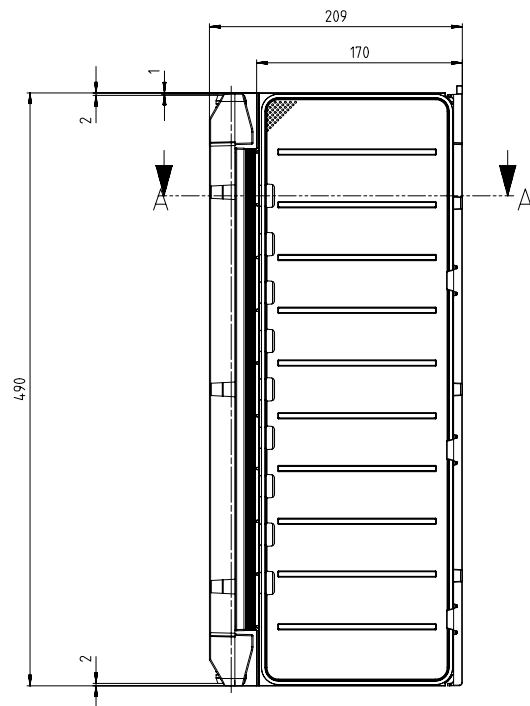
- housing and header made of polypropylene (FDA approved)
- 26 active filter plates made of polypropylene (FDA approved)
- 2 protective plates made of polypropylene (FDA approved)
- laser welded membrane made of polyethersulfone (KTW approved)



Parameter	Unit	Value
dimensions of filter cassette	L x W x H mm	209 x 209 x 490
outlet diameter	mm	25
protective plates		2
number of active plates		26
total membrane surface area	m <sup>2</sup>	3.5
possible flow <sup>1</sup>	l/m <sup>2</sup> h	
2 chemical cleanings/year		30
1 chemical cleaning/year		15
max. flow	l/m <sup>2</sup> h	50
membrane material <sup>2</sup>		PES/PVDF
pore size nom. <sup>2</sup>	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. 4.5

<sup>1</sup> depending on wastewater characteristics

<sup>2</sup> 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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