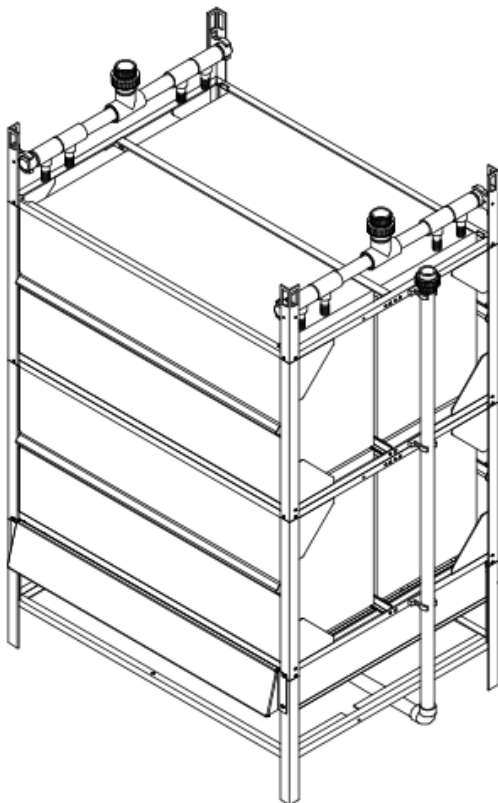


technical data sheet **AQQA®140-8** Article-No. 80100032 and  
AQQA® aeration unit Article-No. 80100002

**Complete pre-assembled unit for the filtration of water with submerged membrane plates. The unit comprises:**

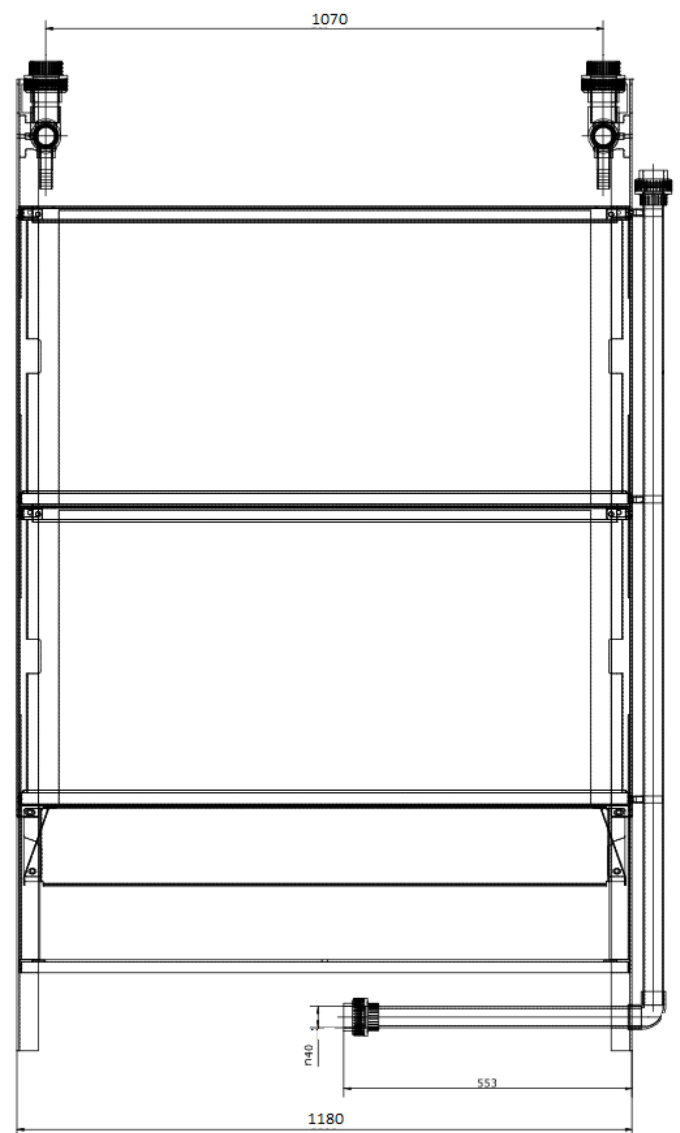
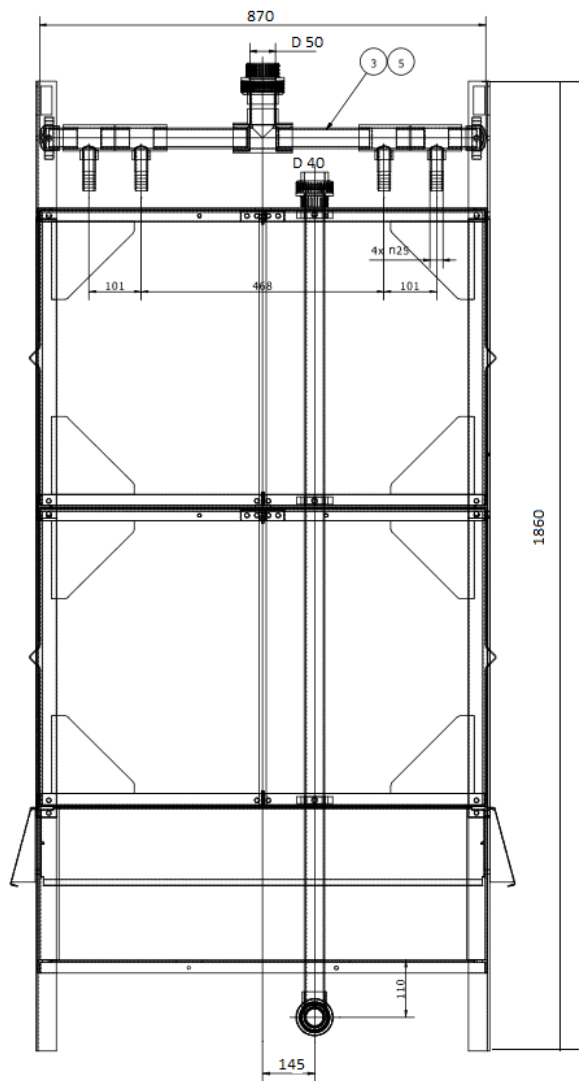
- AQQA® membrane plates
- 2 pc. AQQA® frame
- 1 pc. AQQA® aeration unit with plate diffusers for medium size air bubbles



parameter	unit	value
dimension of filter housing (incl. flange for aeration)	l x w x h mm	1240 x 973 x 1867
<b>plate distance</b>	<b>mm</b>	<b>8</b>
Minimum water level	Mm	1750
air connection	d mm	40
filtrate connection 2 piece	d mm	50
number of AQQA® membrane plates		296
total membrane surface area	m <sup>2</sup>	140
typical design flow in MBR <sup>1</sup>	m <sup>3</sup> /h	4,2
max. flow in MBR <sup>1</sup>	m <sup>3</sup> /h	7
max. air flow	Nm <sup>3</sup> /h	90
design air flow	Nm <sup>3</sup> /h	60
filtration pressure	mbar	-30 ...-500
backflush pressure	mbar	350
pore size nominal	µm	0,04
frame material		1.4301
frame material (optional)		1.4571
membrane material		PES
max. operating temperature	°C	50
max. pH-range		1-12
weight dry	kg	310
weight wet	kg	620

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

# AQQA®



Revised: 07.11.2022  
Design and specifications are subject to  
change without notice.

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