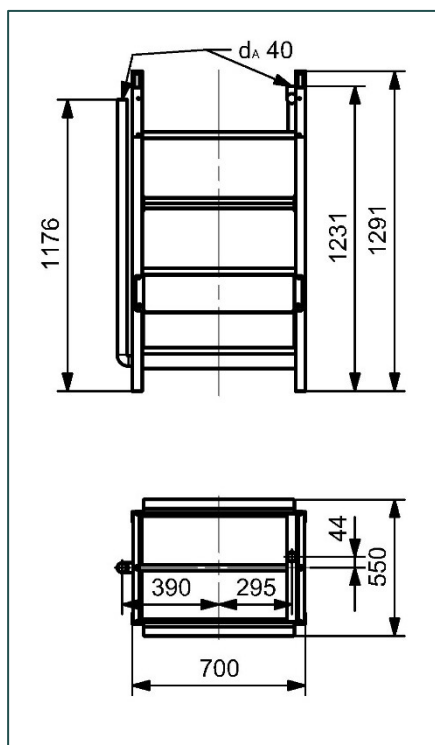


# AQQA®

## technical data sheet AQQA®25 Article-No. 80100010 including AQQA® aeration unit Article-No. 80100001

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

- AQQA® membrane plates
- 1 pc. AQQA®25 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	760 x 550 x 1291
air connection	d mm	40
filtrate connection	d mm	40
number of AQQA® membrane plates		52
total membrane surface area	m <sup>2</sup>	25
typical design flow in MBR <sup>1</sup>	m <sup>3</sup> /h	0,75
max. flow in MBR <sup>1</sup>	m <sup>3</sup> /h	1,25
max. air flow	Nm <sup>3</sup> /h	40
design air flow	Nm <sup>3</sup> /h	30
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	65
weight wet	kg	95

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