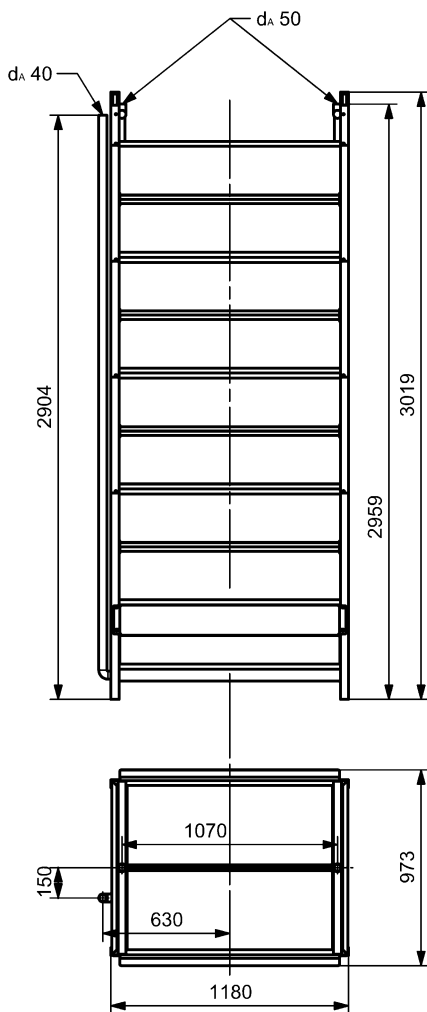


# AQQA®

technical data sheet **AQQA®320** Article-No. 80100024 including  
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
- 4 pc. AQQA®80 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 3019
air connection	d mm	40
filtrate connection 2 piece	d mm	80
number of AQQA® membrane plates		704
total membrane surface area	m <sup>2</sup>	320
typical design flow in MBR <sup>1</sup>	m <sup>3</sup> /h	9,6
max. flow in MBR <sup>1</sup>	m <sup>3</sup> /h	16
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	590
weight wet	kg	1070

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