

technical data sheet AQQA®70-8 Article-No. 80100031 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
- 1 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 1291
plate distance	mm	8
Minimum water level	mm	1150
air connection	d mm	40
filtrate connection 2 piece	d mm	40
number of AQQA® membrane plates		148
total membrane surface area	m ²	70
typical design flow in MBR ¹	m ³ /h	2,1
max. flow in MBR ¹	m ³ /h	3,5
max. air flow	Nm ³ /h	90
design air flow	Nm ³ /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	170
weight wet	kg	340

¹ depending on wastewater characteristics



