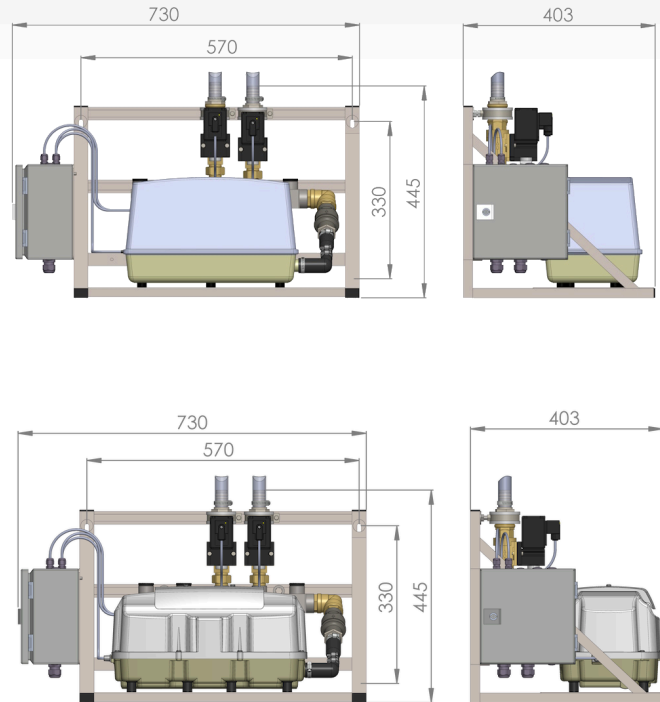




TECHNICAL DATA
AWIDESULF 100
AWIDESULF 200



Subject to technical modifications (12.0)

MICROBIOLOGICAL DESULPHURISATION

GENERAL DATA	AWIDESULF 100	AWIDESULF 200
Volume biogas//h¹	up to 100 m ³	up to 200 m ³
Installation dimensions (BxHxT in mm)	730x445x403	730x445x403
Weight	≤ 24 kg	≤ 30 kg

OPERATION CONDITIONS

Ambient temperature	5 – 40 °C
Ambient humidity	0 – 80 % relative humidity
Protection type	IP 54

POWER SUPPLY

Operation voltage	230 VAC	
Power consumption	~ 130 W	~ 215 W
Power supply	solenoid valve and compressor are powered by Awite gas analysis system	

PROCESS CONNECTION

Number of air supply points	1 - 4
Connection point of air supply	flexible or solid plastic pipe 1" and connection with G1" external thread on customer side
Pipe length¹	≤ 100m

PROCESS CONTROL²

Automatic control of air supply using a combination of PI-controller and a major FuzzyLogic

Control range in automatic mode between 0 to 1 % oxygen, depending on the measured hydrogen sulfide concentration

Monitoring of the upper limit of 3 % of oxygen

DISPLAY AND OPERATION²

Panel-PC	7" TFT touch panel/800x480
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SOFTWARE FEATURES²

Display of measurement history	graphic/tabular
Extensive data storage	4 GB microSD card

SAFETY MECHANISM

Non-return valve behind compressor

¹ Please inform Awite about the pipe lengths and expected biogas flow volumes in advance (for the exact setup of the compressor)

² Part of the Awite gas analysis system AwifLEX und AwifLEX XL