

Retrofit kit Aquapump Duo, GTF 1000-S3, subm. pressure switch



Article information

Item no.: AQUALI1000D

GTIN:

Price group: 60

Description

The retrofit kit for installation in existing collection tanks for faecal-free wastewater is equipped with two submersible pumps, a backflow preventer and a manual locking device. The polymer profile (PE) is used to mount and fix the pumping station. Quick-release closures enable easy removal of the pumps.

The station is controlled either by a float switch or by a user-friendly control unit, which can be optionally integrated in the building control system via a voltage-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

Type of wastewater:	wastewater without sewage
Installation situation:	installation in on-site collecting tank

Version:

Type of system:	Twin pump station
Pump control:	Control unit
Backflow preventer:	integrated
Delivery state:	Modular set for assembly on site

General characteristics:

Standard:	EN 12050-2
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Dimensions:

Length:	480 mm
Width:	360 mm
Height:	554 mm

Tank:

Distance from centre of outlet pipe to tank bottom:	440 mm
Pressure pipe connection:	horizontal
Pressure pipe connection (DN):	32 mm
Pressure pipe connection (OD):	40 mm

Pumping device:

Pump:	GTF 1000
Number of pumps:	2
Max. pumping capacity:	14.5 m ³ /h
Max. pumping height:	10 m
Operating voltage:	230 V
Mains frequency:	50 Hz
Operating mode:	S1
Power P1:	1.27 kW
Power P2:	0.73 kW
Speed:	2,700 U/min
Type of fuse required (electrical protection):	C 16 A
Max. temperature (permanent) of conveyed material:	40 °C
Connection type:	coded plug
Weight:	10 kg
Impeller type:	Multi-vane impeller
Length of mains cable for pump:	10 m
Rated current:	5.6 A
Protection class (pump):	IP 68 (3m)
Protection class:	I
Type of pump connection cable:	H07RN-F 3G 1.0 mm ²
Temperature monitoring:	integrated
Cos phi - power factor:	0.97
Insulation class:	F

Control:

Control unit:	Comfort
Operating voltage:	230 V
Mains frequency:	50 Hz
Self-diagnosis system (SDS):	yes
Battery buffering:	yes
Multi-line display:	yes
Log book function:	yes
USB interface:	yes
GSM interface:	yes
Potential-free contact:	optional
Type of fuse required (electrical protection):	C 16 A

Protection class control unit:	IP 54
Length of mains cable for control unit:	1.4 m
Type of level measurement:	pneumatic
Level measurement instrument:	Submersible pressure switch
Alarm sensor:	optical probe