

Retrofit kit Aquapump Duo, GTF 600-S1, subm. pressure switch



Article information

Item no.: AQUALI600D

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

Dimensions:

Length: 540 mm
Width: 360 mm
Height: 741 mm

Tank:

Pressure pipe connection:	horizontal
Pressure pipe connection (DN):	32 mm
Pressure pipe connection (OD):	40 mm
Free passage:	30 mm

Pumping device:

Pump:	GTF 600
Number of pumps:	2
Max. pumping capacity:	12 m ³ /h
Max. pumping height:	8 m
Operating voltage:	230 V
Mains frequency:	50 Hz
Operating mode:	S1
Power P1:	0.65 kW
Power P2:	0.4 kW
Speed:	2,750 U/min
Type of fuse required (electrical protection):	C 16 A
Max. temperature (permanent) of conveyed material:	40 °C
Connection type:	Schuko (earthed contact) 2-pin
Weight:	6 kg
Impeller type:	Multi-vane impeller
Length of mains cable for pump:	10 m
Rated current:	2.9 A
Protection class (pump):	IP 68 (3m)
Protection class:	I
Type of pump connection cable:	H07RN-F 3G 1.0 mm ²
Cos phi - power factor:	0.92
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
Motor protection switch:	yes

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