

# Pump system Aquapump Retrofit Duo, STZ1000-S3, Floater

## Article information

Item no.: AQUALI1000F\_DS  
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.

### Variant

Type of system: duo pump  
Pump control: Control unit  
Backflow preventer: integrated  
Pressure pipe connection: horizontal

### General characteristics

Standard: EN 12050-2  
Type of wastewater: with sewage  
Installation situation: installation in on-site collecting tank  
Delivery state: Modular set for assembly on site  
System type: Duo

### Pumping device

Pump: STZ 1000  
Number of pumps: 2  
Weight, pump: 10 kg  
Connection type: coded plug  
Operating voltage: 230 V  
Protection class: I  
Insulation class: F  
Cos phi - power factor: 0,97  
Protection class (pump): IP 68 (3m)  
Temperature monitoring: integrated  
Max. temperature (permanent) of conveyed material: 40 °C  
Max. pumping capacity: 11,5 m<sup>3</sup>/h  
Max. pumping height: 10 m  
Speed: 2800 U/min

Power P1:	1,2 kW
Power P2:	0,69 kW
Operating mode:	S3 - 50 %
Type of pump connection cable:	H07RN-F 3G 1.5 mm <sup>2</sup>
Impeller type:	Macerator
Length of mains cable for pump:	10 m
Rated current:	5,2 A

Control	
Control unit:	Comfort
Alarm sensor:	optical probe
Level measurement instrument:	Float switch
Type of level measurement:	pneumatic
Protection class control unit:	IP 54
Mains frequency:	50 Hz
Operating voltage:	230 V
Connection type:	coded plug
Length of mains cable for control unit:	1,4 m
Potential-free contact:	optional
GSM interface:	yes
USB interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes
Type of fuse required (control unit):	C 16 A