

## Pump system Aquapump Retrofit Tronic, STZ2500-S1, level sensor



### Article information

Item no.: STZ2500-M

GTIN:

Price group: 60

### Description

The pump system for installation in existing collection tanks for wastewater with sewage is equipped with a submersible pump, a backflow preventer and a shut-off valve. 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 by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact, or alarm and collective fault messages can be output via a GSM interface. Required minimum diameter of the on-site chamber:

1000 mm

#### Variant

Type of system:

Single unit

Shut-off valve:

yes

Installation:

Wet installation

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:

Tronic

Tank/drain body	
Pressure pipe connection (DN):	50
Pressure pipe connection (OD):	63 mm
Pumping device	
Pump:	STZ 2500
Number of pumps:	1
Connection type:	coded plug
Operating voltage:	400 V
Protection class:	I
Protection class (pump):	IP 68 (3m)
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
Max. pumping capacity:	21 m <sup>3</sup> /h
Max. pumping height:	33 m
Speed:	2900 U/min
Power P1:	2,5 kW
Power P2:	1,9 kW
Operating mode:	S1
Type of pump connection cable:	H07RN8-F 6G 1.5 mm <sup>2</sup>
Impeller type:	Macerator
Length of mains cable for pump:	10 m
Rated current:	4,4 A
Control	
Control unit:	Comfort
Alarm sensor:	Level sensor
Level measurement instrument:	Level sensor
Type of level measurement:	hydrostatic
Protection class control unit:	IP 54
Mains frequency:	50 Hz
Operating voltage:	400 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):	3 x C 16 A