

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:
Shut-off valve:
Installation:
Pump control:
Backflow preventer:
Pressure pipe connection:

General characteristics

Standard: Type of wastewater: Installation situation: Delivery state: System type: Single unit yes Wet installation Control unit integrated horizontal

EN 12050-2 with sewage

installation in on-site collecting tank Modular set for assembly on site

Tronic



Tank/drain body

Pressure pipe connection (DN): 50
Pressure pipe connection (OD): 63 mm

Pumping device

Pump: STZ 2500

Number of pumps:

Connection type: coded plug
Operating voltage: 400 V

Protection class:

Protection class (pump): IP 68 (3m) Temperature monitoring: integrated Max. temperature (permanent) of conveyed $40\,^{\circ}\text{C}$

material:

Max. pumping capacity: 21 m³/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 mm²

Impeller type: Macerator
Length of mains cable for pump: 10 m
Rated current: 4,4 A

Control

Control unit: Comfort Level sensor Alarm 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):

Type of fuse required (control unit):

ves

3 x C 16 A