

## Pumping station Aquapump Medium Tronic, STZ 1000, 1800-2250 mm, D



### Article information

Item no.: 827731D  
GTIN: 4026092052150  
Price group: 60

### Advantages

- height-adjustable upper section

### Description

The pumping station for faecal wastewater is suitable for underground installation and is equipped with a non-return flap for the pressure pipe. The PE-LLD tank is resistant to aggressive media and can be delivered with load class A, B or D covers. The pump with macerator ensures maximum operating reliability. The components are pre-assembled for final assembly on site. Including openings for ventilation and cable duct.

Type of wastewater: wastewater with and without sewage  
Installation situation: underground installation

### Version:

Type of system: Single station  
Installation: Wet installation  
Pump control: Control unit  
Backflow preventer: integrated  
Access steps: no  
Passage seal for ventilation pipe (DN): 100 mm  
Passage seal for conduit pipe (DN): 100 mm

### General characteristics:

Standard: EN 12050-1

### Dimensions:

Length: 1,000 mm  
Width: 806 mm  
Diameter: 809 mm  
Clear width (LW): 600

**Tank:**

Number of inlets:	1 ST
Inlet nominal size (DN):	150
Distance pipe bottom inlet to tank bottom:	400 mm
Distance from centre of outlet pipe to tank bottom:	1,394 mm
Distance from centre of inlet pipe to tank bottom:	475 mm
Connection conduit pipe (DN):	100 mm
Pumping volume:	30 l
Pressure pipe connection:	horizontal
Pressure pipe connection (DN):	32 mm
Pressure pipe connection (OD):	40 mm
Installation depth:	1,800 - 2,250 mm
Venting connection (DN):	100 mm
Groundwater resistant from lower edge of base section:	2,500 mm
Clear width of tank (LW):	600 mm
Chamber system:	LW 600

**Coverage features:**

Type of cover:	Round cover plate
Load class:	D 400 (EN 124)

**Pumping device:**

Pump:	STZ 1000
Number of pumps:	1
Max. pumping capacity:	11.5 m <sup>3</sup> /h
Max. pumping height:	10 m
Operating voltage:	230 V
Mains frequency:	50 Hz
Operating mode:	S3 - 50 %
Power P1:	1.2 kW
Power P2:	0.69 kW
Speed:	2,800 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:	10 kg
Impeller type:	Macerator
Length of mains cable for pump:	10 m
Rated current:	5.2 A
Protection class (pump):	IP 68 (3m)

Protection class: I  
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: yes  
Motor protection switch: yes  
Protection class control unit: IP 54  
Type of level measurement: pneumatic  
Level measurement instrument: Submersible pressure switch  
Alarm sensor: optical probe