

## Pumping station Aquapump Medium Mono, STZ 1000, 1800-2250 mm, B



### Article information

Item no.: 827730B  
GTIN: 4026092052082  
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: Float switch  
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:    | B 125 (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:**

Operating voltage: 230 V  
Mains frequency: 50 Hz  
Motor protection switch: yes  
Type of level measurement: mechanical  
Level measurement instrument: Float switch  
Alarm sensor: optical probe