

# Pumping station Aquapump Medium Duo, STZ 1000, 800-1250 mm, A

## Article information

Item no.: 826711A  
GTIN: 4026092077672  
Price group: 60

## Advantages

- height-adjustable upper section
- Preconfigured in the factory
- LW 600 chamber system suitable for underground installation

## Description

The pumping station with sewage wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank is an LW 600 chamber system made of permanently resistant polymer (PE-LLD) with open pump tank and universal connection options. Quick-release closures enable the integrated components to be removed easily.

### Variant

|   |                  |
|---|------------------|
| Type of system:                         | duo pump         |
| Passage seal for conduit pipe (DN):     | 100              |
| Access steps:                           | no               |
| Passage seal for ventilation pipe (DN): | 100              |
| Installation:                           | Wet installation |
| Pump control:                           | Control unit     |
| Backflow preventer:                     | integrated       |
| Pressure pipe connection:               | horizontal       |
| Chamber system:                         | LW 600           |

### General characteristics

|                         |  |
|-------------------------|--|
| Standard:               | EN 12050-2, EN 12050-2 as well as EN 12050-1 (without ATEX requirements)                     |
| Type of wastewater:     | for wastewater with or without sewage (in installation situations without ATEX requirements) |
| Installation situation: | underground installation   |
| System type:            | Duo  |
| ATEX:                   | no   |

### Dimensions

|               |        |
|---------------|--------|
| Net weight:   | 127 kg |
| Gross weight: | 139 kg |

|  |               |
|--|---------------|
| Groundwater resistant from lower edge of base section: | 2500 mm       |
| Diameter:  | 809 mm        |
| Clear width (LW):                                      | 600 mm        |
| Installation depth:                                    | 800 - 1250 mm |
| Length:  | 1000 mm       |
| Width:   | 806 mm        |
| Packaging dimension:                                   | length        |
| Packaging dimension:                                   | width         |
| Packaging dimension:                                   | height        |

#### Tank/drain body

|   |        |
|---|--------|
| Pressure pipe connection (DN):                      | 32     |
| Pressure pipe connection (OD):                      | 40 mm  |
| Connection conduit pipe (DN):                       | 100    |
| Venting connection (DN):                            | 100    |
| Distance from centre of outlet pipe to tank bottom: | 482 mm |
| Distance pipe bottom inlet to tank bottom:          | 400 mm |
| Distance from centre of inlet pipe to tank bottom:  | 475 mm |
| Inlet nominal size (DN):                            | 150 mm |
| Number of inlets:                                   | 1      |
| Clear width of tank (LW):                           | 600 mm |
| Pumping volume:                                     | 30 l   |

#### Coverage features

|                |                   |
|----------------|-------------------|
| Type of cover: | Round cover plate |
| Load class:    | A 15 (EN 124)     |

#### Pumping device

|  |                                |
|--|--------------------------------|
| Pump:  | STZ 1000                       |
| Number of pumps:                                   | 2                              |
| Weight, pump:                                      | 10 kg                          |
| Connection type:                                   | Schuko (earthed contact) 2-pin |
| Rated current:                                     | 5,2 A                          |
| Protection class:                                  | I                              |
| Insulation class:                                  | F                              |
| Protection class (pump):                           | IP 68 (3m)                     |
| 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 fuse required (electrical protection):     | C 16 A                         |
| Impeller type:                                     | Macerator                      |
| Length of mains cable for pump:                    | 10 m                           |

**Control**

|  |                                |
|--|--------------------------------|
| Control unit:                                  | Comfort                        |
| Control unit function:                         | With alarm message             |
| Motor protection switch:                       | yes                            |
| Alarm sensor:                                  | optical probe                  |
| Level measurement instrument:                  | Submersible pressure switch    |
| Type of level measurement:                     | pneumatic                      |
| Protection class control unit:                 | IP 54                          |
| Mains frequency:                               | 50 Hz                          |
| Operating voltage:                             | 230 V                          |
| Connection type:                               | Schuko (earthed contact) 2-pin |
| Potential-free contact:                        | yes                            |
| GSM interface:                                 | yes                            |
| USB interface:                                 | yes                            |
| Log book function:                             | yes                            |
| Multi-line display:                            | yes                            |
| Battery buffering:                             | yes                            |
| Self-diagnosis system (SDS):                   | yes                            |
| Warning equipment version:                     | acoustic and optical signal    |
| Type of fuse required (electrical protection): | C 16 A                         |