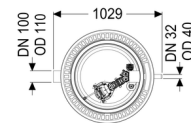
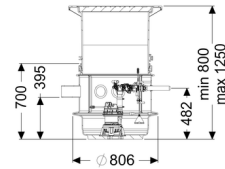


## Pumping station Aquapump Medium Tronic, GTF 1200, 800-1200 mm, D



### Article information

Item no.: 827811D  
GTIN: 4026092045725  
Price group: 60

### Advantages

- Maximum safety
- Flexible installation
- LW 600 chamber system suitable for underground installation

### Description

The pumping station for faecal-free wastewater is equipped with a submersible pump 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.

The station is optionally controlled by a user-friendly control unit, which can be integrated in the building management system via a potential-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

|                         |                           |
|-------------------------|---------------------------|
| Type of wastewater:     | wastewater without sewage |
| Installation situation: | underground installation  |

### Version:

|   |                  |
|---|------------------|
| Type of system:                         | Single station   |
| Installation:                           | Wet installation |
| Pump control:                           | Control unit     |
| Backflow preventer:                     | integrated       |
| Passage seal for ventilation pipe (DN): | 100 mm           |
| Passage seal for conduit pipe (DN):     | 100 mm           |

Delivery state:

Modular set for assembly on site

### General characteristics:

Colour: grey  
Standard: EN 12050-2

### Dimensions:

Length: 806 mm  
Width: 806 mm

### Tank:

Number of inlets: 1 ST  
Inlet nominal size (DN): 150  
Inlet nominal size (OD): 160 mm  
Distance pipe bottom inlet to tank bottom: 400 mm  
Distance from centre of outlet pipe to tank bottom: 482 mm  
Distance from centre of inlet pipe to tank bottom: 455 mm  
Connection conduit pipe (DN): 100 mm  
Pressure pipe connection: horizontal  
Pressure pipe connection (DN): 32 mm  
Pressure pipe connection (OD): 40 mm  
Installation depth: 800 - 1,250 mm  
Venting connection (DN): 100 mm  
Groundwater resistant from lower edge of base section: 2,000 mm  
Clear width of tank (LW): 600 mm  
Clear width of entry (LW): 600 mm  
Chamber system: LW 600

Vertical adjustment: vertically adjustable upper section

### Coverage features:

Type of cover: Round cover plate  
Cover material: Grey iron with concrete filling  
Colour of cover: black  
Load class: D 400 (EN 124)  
Length: 680 mm  
Width: 680 mm  
Height: 50 mm  
Locking: unlocked

**Pumping device:**

|  |                                |
|--|--------------------------------|
| Pump:  | GTF 1200                       |
| Number of pumps:                                   | 1                              |
| Max. pumping capacity:                             | 15.5 m <sup>3</sup> /h         |
| Max. pumping height:                               | 9 m                            |
| Operating mode:                                    | S1                             |
| Power P1:  | 1.4 kW                         |
| Power P2:  | 0.84 kW                        |
| Speed:   | 2,650 U/min                    |
| Max. temperature (permanent) of conveyed material: | 40 °C                          |
| Connection type:                                   | coded plug                     |
| Weight:  | 10 kg                          |
| Impeller type:                                     | Multi-vane impeller            |
| Length of mains cable for pump:                    | 10 m                           |
| Rated current:                                     | 6.2 A                          |
| Protection class (pump):                           | IP 68 (3m)                     |
| Protection class:                                  | I                              |
| Type of pump connection cable:                     | H07RN-F 3G 1.0 mm <sup>2</sup> |
| Temperature monitoring:                            | integrated                     |
| Cos phi - power factor:                            | 0.98                           |
| 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:                        | optional                    |
| Type of fuse required (electrical protection): | C 16 A                      |
| Protection class control unit:                 | IP 54                       |
| Length of mains cable for control unit:        | 1.4 m                       |
| Type of level measurement:                     | pneumatic                   |
| Level measurement instrument:                  | Submersible pressure switch |
| Alarm sensor:                                  | optical probe               |