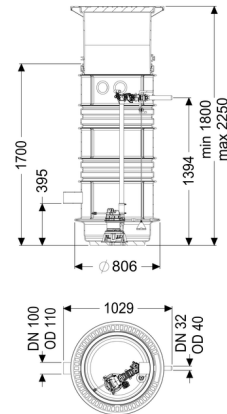


## Pumping station Aquapump Medium Tronic, GTF 1200 1800-2250 mm, D



### Article information

Item no.: 827831D  
 GTIN: 4026092045800  
 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: 1,394 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: 1,800 - 2,250 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