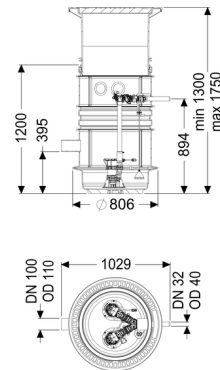


Pumping station Aquapump Medium Duo, GTF 600, 1300-1750 mm, D



Article information

Item no.: 824821D
 GTIN: 4026092045183
 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: Twin pump 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): | 100 |
| Inlet nominal size (OD): | 110 mm |
| Distance pipe bottom inlet to tank bottom: | 400 mm |
| Distance from centre of outlet pipe to tank bottom: | 894 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: | 1,300 - 1,750 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:

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|------------------|---------------------------------|
| 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:

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|--|--------------------------------|
| Pump: | GTF 600 |
| Number of pumps: | 2 |
| Max. pumping capacity: | 12 m ³ /h |
| Max. pumping height: | 8 m |
| Operating voltage: | 230 V |
| Mains frequency: | 50 Hz |
| Operating mode: | S1 |
| Power P1: | 0.6 kW |
| Power P2: | 0.36 kW |
| Speed: | 2,800 U/min |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Connection type: | coded plug |
| Weight: | 6 kg |
| Impeller type: | Multi-vane impeller |
| Length of mains cable for pump: | 10 m |
| Rated current: | 2.7 A |
| Protection class (pump): | IP 68 (3m) |
| Protection class: | I |
| Type of pump connection cable: | H07RN-F 3G 1.0 mm ² |
| Temperature monitoring: | integrated |
| Cos phi - power factor: | 0.91 |
| 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 |