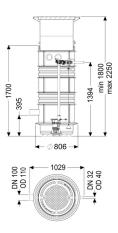


Pumping station Aquapump Medium Duo, GTF 600, 1800-2250 mm, D





Article information

Item no.: 824831D GTIN: 4026092045206

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:
Installation:

Pump control:

Backflow preventer:

Passage seal for ventilation pipe (DN):

Passage seal for conduit pipe (DN):

Twin pump station

Wet installation

Control unit

integrated

100 mm

100 mm



| Delivery state: | Modular set for assembly on site |
|--|-------------------------------------|
| General characteristics: | |
| Colour: Standard: | grey EN 12050-2 |
| Dimensions: | |
| Length: Width: | 806 mm 806 mm |
| Tank: | |
| Number of inlets: | 1ST |
| 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: | 1,394 mm |
| Distance from centre of inlet pipe to tank | 455 mm |
| bottom: | |
| 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 600

Number of pumps: 2

Max. pumping capacity: 12 m3/h Max. pumping height: 8 m 230 V Operating voltage: 50 Hz Mains frequency: Operating mode: S1 Power P1: 0.6 kW Power P2: 0.36 kW Speed: 2,800 U/min

Max. temperature (permanent) of conveyed 40 °C

material:

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:

Type of pump connection cable: H07RN-F 3G 1.0 mm2

Temperature monitoring: integrated Cos phi - power factor: 0.91 Insulation class: F

Control:

Control unit: Comfort 230 V Operating voltage: 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 optional Potential-free contact: 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