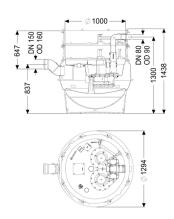


Pumping station Aquapump F XL Duo, SPF 1400-S1





Article information

Item no.: 8742008 GTIN: 4026092068632

Price group: 60

Advantages

- Maximum safety
- Flexible installation
- Hygienic advantages for maintenance and repair

Description

The pumping station for faecal and faecal-free wastewater is equipped with a submersible pump, a backflow preventer and a shut-off valve for the pressure pipe. The collection tank made of permanently resistant polymer (PE) has a closed pump tank (dry installation) with a screwed-on access cover.

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

The KESSEL modular system provides different upper sections and engineering chamber options as accessories.

Type of wastewater: wastewater with sewage

Installation situation: underground installation, floor slab installation

Version:

Type of system: Twin pump station Installation: Dry installation

Shut-off valve: Shut-off valve made of polymer

Pump control: Control unit Backflow preventer: integrated

Access steps: yes



Note on installation depth: Version for deeper installation, in combination with

a chamber module

Delivery state: Pre-mounted for final assembly on site (pumps and

sensor system must be fitted on site and control

unit must be connected)

General characteristics:

Colour: black Standard: EN 12050-1

Dimensions:

Length: 1,295 mm Width: 1.295 mm 1,403 mm Height:

Tank:

1ST Number of inlets: Inlet nominal size (DN): 150 Inlet nominal size (OD): 160 mm Distance pipe bottom inlet to tank bottom: 753 mm Distance from centre of outlet pipe to tank 1,300 mm

bottom:

Distance from centre of inlet pipe to tank 833 mm

bottom:

Tank volume: 335 l Pumping volume: 160 l Pressure pipe connection: horizontal Pressure pipe connection (DN): 80 mm Pressure pipe connection (OD): 90 mm Venting connection (DN): 70 mm 3,000 mm

Groundwater resistant from lower edge of base

section:

Clear width of tank (LW): 1,000 mm

40 mm Free passage:

Pumping device:

Pump: SPF 1400

Number of pumps: 2

Max. pumping capacity: 38 m3/h Max. pumping height: 7 m Operating mode: S1



Power P1: 1.6 kW
Power P2: 1.1 kW

Speed: 1,420 U/min

Max. temperature (permanent) of conveyed 40 °C

material:

Connection type: coded plug Weight: 28 kg

Impeller type: Multi-vane impeller

Length of mains cable for pump: 10 m Rated current: 7.3 A

Protection class (pump): IP 68 (3m/48h)

Protection class:

Type of pump connection cable: H07RN-F 3G 1.5 mm2

Temperature monitoring: integrated Cos phi - power factor: 0.99 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 IP 54 Protection class control unit: Length of mains cable for control unit: 1.4 m pneumatic Type of level measurement: Level measurement instrument: Immersion pipe Immersion pipe Alarm sensor: