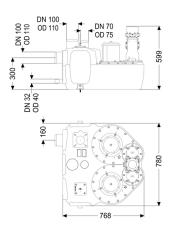


Lifting station Aqualift F Duo Standard, SPF 3000-S1





Article information

Item no.: 11601

GTIN: 4026092070994

Price group: 20

Advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Control unit with self-diagnosis system

Description

The lifting station for faecal and faecal-free wastewater is equipped with two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) offers universal connection options and has a screwed access cover.

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

Type of wastewater: wastewater with sewage Installation situation: free-standing set-up

Version:

Type of system: Twin pump station Shut-off valve: without shut-off valve Pump control: Control unit

Backflow preventer: integrated yes

Sound absorption mat:

Delivery state: Installation-ready (electrical components, connection parts must be connected on site)



General characteristics:

Colour: black Standard: EN 12050-1

Dimensions:

Length:773 mmWidth:780 mmHeight:539 mm

Tank:

Number of inlets: 2 ST
Inlet nominal size (DN): 100
Inlet nominal size (OD): 110 mm
Inlet max. scoring (DN): 150 mm
Distance pipe bottom inlet to tank bottom: 245 mm
Distance from centre of inlet pipe to tank 300 mm

bottom:

Connection for manual diaphragm pump (DN):

Tank volume:

Pumping volume:

Pressure pipe connection:

Pressure pipe connection (DN):

Pressure pipe connection (OD):

110 mm

Venting connection (DN):

70 mm

Free passage: 40 mm

Pumping device:

Pump: SPF 3000

Number of pumps: 2

Max. pumping capacity: 47 m3/h
Max. pumping height: 16 m
Operating mode: S1
Power P1: 3.2 kW
Power P2: 2.7 kW
Speed: 2,890 U/min

Max. temperature (permanent) of conveyed 40 °C

material:

Connection type: Direct connection

Weight: 26 kg

Impeller type: Multi-vane impeller

Length of mains cable for pump: 5 m Rated current: 5.4 A



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

Protection class:

Type of pump connection cable: H07RN-F 7G 1.5 mm2

Temperature monitoring: integrated Cos phi - power factor: 0.77 Insulation class: F

Control:

Control unit: Standard Operating voltage: 400 V Mains frequency: 50 Hz Self-diagnosis system (SDS): yes Battery buffering: yes Multi-line display: no Log book function: yes Potential-free contact: yes

Type of fuse required (electrical protection): 3 x C 20 A

Motor protection switch:yesProtection class control unit:IP 54Length of mains cable for control unit:0 m

Type of level measurement: pneumatic

Level measurement instrument: Immersion pipe with pressure monitor

Alarm sensor: Immersion pipe