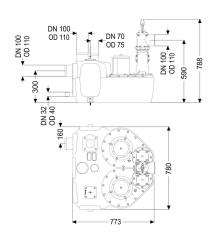


Lifting station Aqualift F Duo Comfort, SPF 3000-S3, Gate valve





Article information

Item no.: 28767

GTIN: 4026092054581

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: Shut-off valve made of polymer

Pump control: Control unit Backflow preventer: integrated Sound absorption mat: yes

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:788 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): 32
Tank volume: 120 l
Pumping volume: 50 l

Pressure pipe connection: horizontal Pressure pipe connection (DN): 100 mm
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:

Max. pumping height:

Operating mode:

Power P1:

Power P2:

Speed:

47 m3/h

16 m

3.2 kW

2.7 kW

2.845 U/min

Max. temperature (permanent) of conveyed 40 °C

material:

Connection type: Direct connection

Weight: 24 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 0.89 Cos phi - power factor: Insulation class: F

Control:

Control unit: Comfort Operating voltage: 400 V Mains frequency: 50 Hz Self-diagnosis system (SDS): yes Battery buffering: yes Multi-line display: yes Log book function: yes GSM interface: yes Potential-free contact: yes

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

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

Type of level measurement: pneumatic

Level measurement instrument: Immersion pipe with pressure monitor

Immersion pipe Alarm sensor: