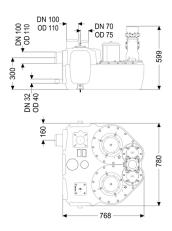


# Lifting station Aqualift F Duo Comfort, SPF 3000-S1





#### Article information

Item no.: 11606

GTIN: 4026092071045

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

hottom:

Connection for manual diaphragm pump (DN):

Tank volume:

Pumping volume:

Pressure pipe connection:

Pressure pipe connection (DN):

Pressure pipe connection (OD):

100 mm

Pressure pipe 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

2,890 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: 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

Alarm sensor: Immersion pipe