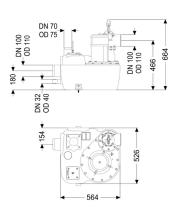


# Lifting station Aqualift F Mono Mono, Comfort, SPF 1400-S3, Gate valve





#### **Article information**

Item no.: 28648-C GTIN: 4026092058480

Price group: 20

## **Advantages**

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Including sound absorption mat

### **Description**

The lifting station for faecal and faecal-free wastewater is equipped with a submersible pump 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: Single 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: 564 mm Width: 525 mm Height: 664 mm

#### Tank:

Number of inlets: 1 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: 125 mm
Distance from centre of outlet pipe to tank 466 mm

bottom:

Distance from centre of inlet pipe to tank 180 mm

bottom:

Connection for manual diaphragm pump (DN): 32
Tank volume: 50 l
Pumping volume: 20 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 1400

Number of pumps: 1

Max. pumping capacity: 38 m3/h
Max. pumping height: 7 m
Operating mode: \$3 - 50 %

Power P1: 1.6 kW Power P2: 1.1 kW

Speed: 1,370 U/min

Max. temperature (permanent) of conveyed 40 °C

material:

Connection type: coded plug Weight: 25 kg



Impeller type: Multi-vane impeller

Length of mains cable for pump: 5 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: 0.98 Insulation class: F

#### Control:

Control unit: Comfort Operating voltage: 230 V 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 Potential-free contact: optional 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: Immersion pipe Alarm sensor: Immersion pipe