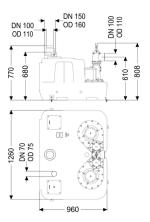


# Lifting station Aqualift F XL, 450 l Duo, SPF 3000-S1, Gate valve





## Article information

Item no.: 11116 GTIN: 4026092057834 Price group: 50

## **Advantages**

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Maximum operating reliability due to intelligent control unit

## 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: Installation situation: wastewater with sewage free-standing set-up

#### Version:

Type of system: Shut-off valve: Pump control: Backflow preventer: Sound absorption mat:

Delivery state:

Twin pump station Shut-off valve made of polymer Control unit integrated yes

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



#### General characteristics:

| Colour:   |  |
|-----------|--|
| Standard: |  |

black EN 12050-1

#### **Dimensions:**

| Length: | 1,260 mm |
|---------|----------|
| Width:  | 1,000 mm |
| Height: | 806 mm   |

#### Tank:

| Number of inlets:<br>Inlet nominal size (DN):<br>Inlet nominal size (OD):<br>Inlet max. scoring (DN):<br>Distance from centre of outlet pipe to tank | 1 ST<br>100<br>110 mm<br>200 mm<br>609 mm |
|--|---|
| bottom:  | 32  |
| Connection for manual diaphragm pump (DN):<br>Tank volume:   | 32<br>450 l                               |
| Pumping volume:  | 250 l                                     |
| Pressure pipe connection:  | horizontal                                |
| Pressure pipe connection (DN):   | 100 mm                                    |
| Pressure pipe connection (OD):   | 110 mm                                    |
| Venting connection (DN):   | 70 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:                                   | 2,845 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:                        | I                   |



Type of pump connection cable: Temperature monitoring: Cos phi - power factor: Insulation class: H07RN-F 7G 1.5 mm2 integrated 0.89 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 |
| Alarm sensor:                                  | Immersion pipe |