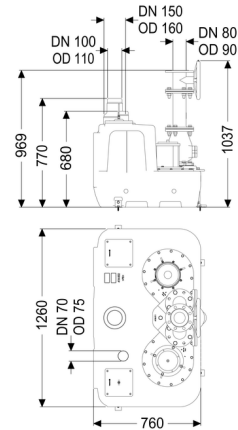


## Lifting stati. Aqualift F XL 300l Duo, SPF 3000-S1, Cast-iron gate valve



### Article information

Item no.: 11113  
 GTIN: 4026092057803  
 Price group: 50

### Advantages

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

### 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: Twin pump station  
 Shut-off valve: Shut-off valve made of cast iron  
 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: 1,260 mm  
Width: 889 mm  
Height: 1,042 mm

### Tank:

Number of inlets: 1 ST  
Inlet nominal size (DN): 100  
Inlet nominal size (OD): 110 mm  
Inlet max. scoring (DN): 200 mm  
Connection for manual diaphragm pump (DN): 32  
Tank volume: 300 l  
Pumping volume: 175 l  
Pressure pipe connection: vertical  
Pressure pipe connection (DN): 80 mm  
Pressure pipe connection (OD): 90 mm  
Venting connection (DN): 70 mm

### Pumping device:

Pump: SPF 3000  
Number of pumps: 2  
Max. pumping capacity: 47 m<sup>3</sup>/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 material: 40 °C  
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: I

|                                |                                |
|--------------------------------|--------------------------------|
| Type of pump connection cable: | H07RN-F 7G 1.5 mm <sup>2</sup> |
| 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 |
| Alarm sensor:                                  | Immersion pipe |