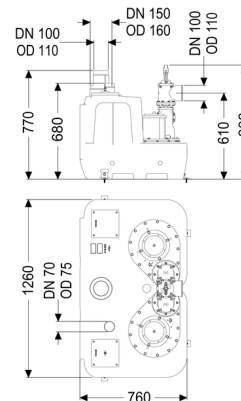


## Lifting stati. Aqualift F XL 300l Duo, SPF 1500-S1, Gate valve



### Article information

Item no.: 11101  
 GTIN: 4026092057681  
 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 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: | 1,260 mm |
| Width:  | 760 mm   |
| Height: | 806 mm   |

**Tank:**

|   |            |
|---|------------|
| Number of inlets:                                   | 1 ST       |
| Inlet nominal size (DN):                            | 100        |
| Inlet nominal size (OD):                            | 110 mm     |
| Inlet max. scoring (DN):                            | 200 mm     |
| Distance from centre of outlet pipe to tank bottom: | 609 mm     |
| Connection for manual diaphragm pump (DN):          | 32         |
| Tank volume:  | 300 l      |
| Pumping volume:                                     | 175 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 1500             |
| Number of pumps:                                   | 2                    |
| Max. pumping capacity:                             | 40 m <sup>3</sup> /h |
| Max. pumping height:                               | 8 m                  |
| Operating mode:                                    | S1                   |
| Power P1:  | 1.4 kW               |
| Power P2:  | 1.1 kW               |
| Speed:   | 1,415 U/min          |
| Max. temperature (permanent) of conveyed material: | 40 °C                |
| Connection type:                                   | Direct connection    |
| Weight:  | 27 kg                |
| Impeller type:                                     | Multi-vane impeller  |
| Length of mains cable for pump:                    | 5 m                  |
| Rated current:                                     | 2.7 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 16 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 |