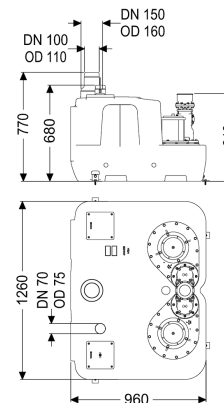


## Aqualift F XL, 450 L lift. stat. Duo, SPF 3000-S3



### Article information

Item no.: 11054  
 GTIN: 4026092057216  
 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 one or 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.

#### Variant

|  |                        |
|--|------------------------|
| Type of system:                            | duo pump               |
| Shut-off valve:                            | without shut-off valve |
| Retaining bracket for the lift protection: | yes                    |
| Sound absorption mat:                      | yes                    |
| Pump control:                              | Control unit           |
| Backflow preventer:                        | integrated             |
| Pressure pipe connection:                  | vertical               |

#### General characteristics

|                         |  |
|-------------------------|--|
| Colour:                 | black  |
| Standard:               | EN 12050-1   |
| Type of wastewater:     | with sewage  |
| Installation situation: | free-standing installation   |
| Delivery state:         | Installation-ready (electrical components, connection parts must be connected on site) |
| System type:            | Duo  |

#### Dimensions

|                      |         |
|----------------------|---------|
| Net weight:          | 120 kg  |
| Gross weight:        | 140 kg  |
| Length:              | 1260 mm |
| Width:               | 1000 mm |
| Height:              | 770 mm  |
| Packaging dimension: | length  |
| Packaging dimension: | width   |
| Packaging dimension: | height  |

#### Tank/drain body

|  |        |
|--|--------|
| Pressure pipe connection (DN):             | 100    |
| Pressure pipe connection (OD):             | 110 mm |
| Connection for manual diaphragm pump (DN): | 32     |
| Venting connection (DN):                   | 70     |
| Inlet max. scoring (DN):                   | 200 mm |
| Inlet nominal size (OD):                   | 110 mm |
| Inlet nominal size (DN):                   | 100 mm |
| Number of inlets:                          | 1      |
| Pumping volume:                            | 250 l  |
| Tank volume:                               | 450 l  |

#### Pumping device

|  |                                |
|--|--------------------------------|
| Pump:  | SPF 3000-S3                    |
| Number of pumps:                                   | 2                              |
| Weight, pump:                                      | 24 kg                          |
| Connection type:                                   | Direct connection              |
| Rated current:                                     | 5,4 A                          |
| Protection class:                                  | I                              |
| Insulation class:                                  | F                              |
| Cos phi - power factor:                            | 0,89                           |
| Protection class (pump):                           | IP 68 (3m/48h)                 |
| Temperature monitoring:                            | integrated                     |
| Max. temperature (permanent) of conveyed material: | 40 °C                          |
| Max. pumping capacity:                             | 47 m <sup>3</sup> /h           |
| Max. pumping height:                               | 16 m                           |
| Speed:   | 2845 U/min                     |
| Power P1:  | 3,2 kW                         |
| Power P2:  | 2,7 kW                         |
| Operating mode:                                    | S3 - 50 %                      |
| Type of pump connection cable:                     | H07RN-F 7G 1.5 mm <sup>2</sup> |
| Impeller type:                                     | Multi-vane impeller            |
| Free passage:                                      | 40 mm                          |
| Length of mains cable for pump:                    | 5 m                            |

#### Control

|                          |                |
|--------------------------|----------------|
| Control unit:            | Comfort        |
| Motor protection switch: | yes            |
| Alarm sensor:            | Immersion pipe |

|                                |                   |
|--------------------------------|-------------------|
| Level measurement instrument:  | Immersion pipe    |
| Type of level measurement:     | pneumatic         |
| Protection class control unit: | IP 54             |
| Operating voltage:             | 400 V             |
| Connection type:               | Direct connection |
| Potential-free contact:        | yes               |
| GSM interface:                 | yes               |
| Log book function:             | yes               |
| Multi-line display:            | yes               |
| Battery buffering:             | yes               |
| Self-diagnosis system (SDS):   | yes               |