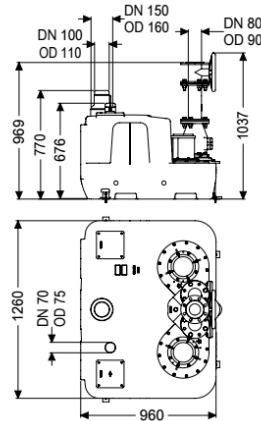


## Aqualift F XL, 450 L lift. stat. Duo, SPF 5500-S3, Cast-iron shut-off val



### Article information

Item no.: 11083  
 GTIN: 4026092057506  
 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:                            | Shut-off valve made of cast iron |
| 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:  | 220 kg                        |
| Gross weight:                                      | 240 kg                        |
| Length:  | 1260 mm                       |
| Width:   | 1089 mm                       |
| Height:  | 1027 mm                       |
| Packaging dimension:                               | length                        |
| Packaging dimension:                               | width                         |
| Packaging dimension:                               | height                        |
| Tank/drain body                                    |                               |
| Pressure pipe connection (DN):                     | 80                            |
| Pressure pipe connection (OD):                     | 90 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 5500                      |
| Number of pumps:                                   | 2                             |
| Weight, pump:                                      | 38 kg                         |
| Connection type:                                   | Direct connection             |
| Rated current:                                     | 9,1 A                         |
| Length of mains cable for pump:                    | 5 m                           |
| Protection class:                                  | I                             |
| Insulation class:                                  | F                             |
| Protection class (pump):                           | IP 68 (3m/48h)                |
| Temperature monitoring:                            | integrated                    |
| Max. temperature (permanent) of conveyed material: | 40 °C                         |
| Max. pumping capacity:                             | 60 m <sup>3</sup> /h          |
| Max. pumping height:                               | 28 m                          |
| Speed:   | 2800 U/min                    |
| Power P1:  | 5,7 kW                        |
| Power P2:  | 4,8 kW                        |
| Operating mode:                                    | S3 - 30 %                     |
| Type of pump connection cable:                     | H07RN8-F 6G 1 mm <sup>2</sup> |
| Impeller type:                                     | Multi-vane impeller           |
| Free passage:                                      | 40 mm                         |
| 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               |
| Rated current:                 | 9,1 A             |