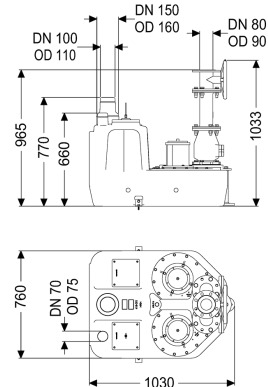


## Aqualift F XL, 200 L lift. stat. DuoSPF 4500-S1, Cast-iron shut-off val.



### Article information

Item no.: 11121  
 GTIN: 4026092057889  
 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:  | 210 kg                         |
| Gross weight:                                      | 230 kg                         |
| Length:  | 1109 mm                        |
| Width:   | 760 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:                                    | 120 l                          |
| Tank volume:                                       | 200 l                          |
| Pumping device                                     |                                |
| Pump:  | SPF 4500-S1                    |
| Number of pumps:                                   | 2                              |
| Weight, pump:                                      | 31 kg                          |
| Connection type:                                   | Direct connection              |
| Rated current:                                     | 7,5 A                          |
| Protection class:                                  | I                              |
| Insulation class:                                  | F                              |
| Cos phi - power factor:                            | 0,88                           |
| Protection class (pump):                           | IP 68 (3m/48h)                 |
| Temperature monitoring:                            | integrated                     |
| Max. temperature (permanent) of conveyed material: | 40 °C                          |
| Max. pumping capacity:                             | 55 m <sup>3</sup> /h           |
| Max. pumping height:                               | 20 m                           |
| Speed:   | 2850 U/min                     |
| Power P1:  | 4,2 kW                         |
| Power P2:  | 3,5 kW                         |
| Operating mode:                                    | S1                             |
| Type of fuse required (electrical protection):     | 3 x C 25 A                     |
| 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               |
| Type of fuse required (electrical protection): | 3 x C 25 A        |