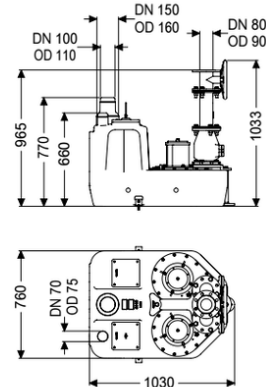


## Aqualift F XL, 200 L lift. stat. DuoSPF 4500-S1,Cast-iron shut-off val.



### 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                              |
| Tested sound insulation as per test report: | yes                              |
| Rim width:                                  | Control unit                     |
| Backwater protection:                       | 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                  |
| Number of inlets:                                  | 200 mm              |
| Inlet nominal size (DN):                           | 110 mm              |
| Inlet nominal size (DN):                           | 100 mm              |
| Inlet type:                                        | 1                   |
| Pumping volume:                                    | 120 l               |
| Tank volume:                                       | 200 l               |
| Pumping device                                     |                     |
| Pump control:                                      | SPF 4500            |
| Number of pumps:                                   | 2                   |
| Weight:                                            | 31 kg               |
| Connection type:                                   | Direct connection   |
| Rated current:                                     | 7,5 A               |
| Length of mains cable for pump:                    | 5 m                 |
| Self-diagnosis system (SDS):                       | I                   |
| Insulation class:                                  | F                   |
| Cos phi - power factor:                            | 0,88                |
| Protection class control unit:                     | IP 68 (3m/48h)      |
| DSC:                                               | integrated          |
| Max. temperature (permanent) of conveyed material: | 40 °C               |
| Max. pumping capacity:                             | 55 m³/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 mm²  |
| 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 probe:       | 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:                | 7,5 A             |