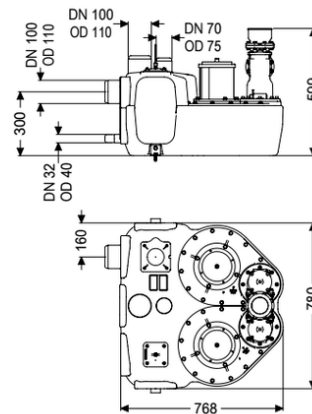


## Lifting station Aqualift F Duo Comfort, SPF 1500-S1



### Article information

Item no.: 11604  
 GTIN: 4026092071021  
 Price group: 20

### Advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Control unit with self-diagnosis system

### Description

The lifting station for faecal and faecal-free wastewater is equipped with 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                    |
| 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) |

#### Dimensions

|             |       |
|-------------|-------|
| Net weight: | 96 kg |
|-------------|-------|

|  |                                |
|--|--------------------------------|
| Gross weight:                                      | 102 kg                         |
| Length:  | 773 mm                         |
| Width:   | 780 mm                         |
| Height:  | 539 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                             |
| Distance pipe bottom inlet to tank bottom:         | 245 mm                         |
| Distance from centre of inlet pipe to tank bottom: | 300 mm                         |
| Number of inlets:                                  | 150 mm                         |
| Inlet nominal size (DN):                           | 110 mm                         |
| Inlet nominal size (DN):                           | 100 mm                         |
| Inlet type:  | 2                              |
| Pumping volume:                                    | 50 l                           |
| Tank volume:                                       | 120 l                          |
| Pumping device                                     |                                |
| Pump control:                                      | SPF 1500                       |
| Number of pumps:                                   | 2                              |
| Weight:  | 27 kg                          |
| Connection type:                                   | Direct connection              |
| Rated current:                                     | 2,7 A                          |
| Length of mains cable for pump:                    | 5 m                            |
| Self-diagnosis system (SDS):                       | I                              |
| Insulation class:                                  | F                              |
| Cos phi - power factor:                            | 0,77                           |
| Protection class control unit:                     | IP 68 (3m/48h)                 |
| DSC:   | integrated                     |
| Max. temperature (permanent) of conveyed material: | 40 °C                          |
| Max. pumping capacity:                             | 40 m <sup>3</sup> /h           |
| Max. pumping height:                               | 8 m                            |
| Speed:   | 1415 U/min                     |
| Power P1:  | 1,4 kW                         |
| Power P2:  | 1,1 kW                         |
| Operating mode:                                    | S1                             |
| Type of pump connection cable:                     | H07RN-F 7G 1.5 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 with pressure monitor |
| Type of level measurement:    | pneumatic                            |
| Protection class probe:       | IP 54                                |
| Mains frequency:              | 50 Hz                                |
| 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:                | 2,7 A                                |