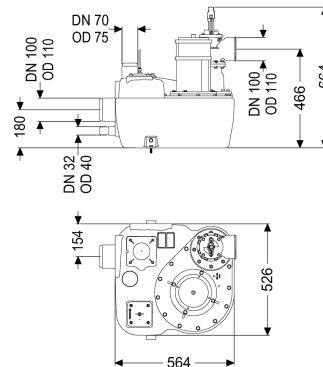
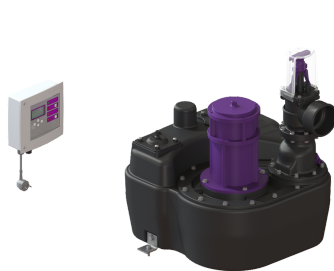


## Lifting station Aqualift F Mono, Comfort, SPF 1400-S3, shut-off val



### Article information

Item no.: 28648-C  
 GTIN: 4026092058480  
 Price group: 20

### Advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Including sound absorption mat

### Description

The lifting station for faecal and faecal-free wastewater is equipped with a submersible pump 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:                            | Single unit                    |
| Shut-off valve:                            | Shut-off valve made of polymer |
| Retaining bracket for the lift protection: | yes                            |
| Sound absorption mat:                      | yes                            |
| Pump control:                              | Control unit                   |
| Backflow preventer:                        | integrated                     |
| Pressure pipe connection:                  | horizontal                     |

#### 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:            | Mono   |

#### Dimensions

|   |                     |
|---|---------------------|
| Net weight:   | 48,31 kg            |
| Gross weight:                                       | 50 kg               |
| Length:   | 564 mm              |
| Width:  | 525 mm              |
| Height:   | 664 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 from centre of outlet pipe to tank bottom: | 466 mm              |
| Distance pipe bottom inlet to tank bottom:          | 125 mm              |
| Distance from centre of inlet pipe to tank bottom:  | 180 mm              |
| Inlet max. scoring (DN):                            | 150 mm              |
| Inlet nominal size (OD):                            | 110 mm              |
| Inlet nominal size (DN):                            | 100 mm              |
| Number of inlets:                                   | 1                   |
| Pumping volume:                                     | 20 l                |
| Tank volume:  | 50 l                |
|   |                     |
| Pumping device                                      |                     |
| Pump:   | SPF 1400-S3         |
| Number of pumps:                                    | 1                   |
| Weight, pump:                                       | 25 kg               |
| Connection type:                                    | coded plug          |
| Protection class:                                   | I                   |
| Insulation class:                                   | F                   |
| Cos phi - power factor:                             | 0,98                |
| Protection class (pump):                            | IP 68 (3m/48h)      |
| Temperature monitoring:                             | integrated          |
| Max. temperature (permanent) of conveyed material:  | 40 °C               |
| Max. pumping capacity:                              | 38 m³/h             |
| Max. pumping height:                                | 7 m                 |
| Speed:  | 1370 U/min          |
| Power P1:   | 1,6 kW              |
| Power P2:   | 1,1 kW              |
| Operating mode:                                     | S3 - 50 %           |
| Type of pump connection cable:                      | H07RN-F 3G 1.5 mm²  |
| Impeller type:                                      | Multi-vane impeller |
| Free passage:                                       | 40 mm               |
| Length of mains cable for pump:                     | 5 m                 |
| Rated current:                                      | 7,3 A               |

**Control**

Control unit:  
Alarm sensor:  
Level measurement instrument:  
Type of level measurement:  
Protection class control unit:  
Operating voltage:  
Connection type:  
Length of mains cable for control unit:  
Potential-free contact:  
GSM interface:  
USB interface:  
Log book function:  
Multi-line display:  
Battery buffering:  
Self-diagnosis system (SDS):

Comfort  
Immersion pipe  
Immersion pipe  
pneumatic  
IP 54  
230 V  
coded plug  
1,4 m  
optional  
yes  
yes  
yes  
yes  
yes  
yes