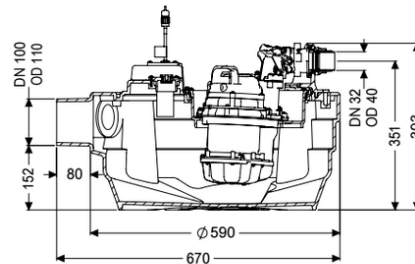


## Lifting station Aqualift F Comp. Duo, SPZ 1000-S3, Free-standing set-up



### Article information

Item no.: 28718  
 GTIN: 4026092093412  
 Price group: 20

### Advantages

- Suitable for complete basement drainage
- High-performance macerator for space-saving and secure drainage
- 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) has an enclosed pump tank. One-handed closures enable easy removal of the integrated components.

#### 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:                   | horizontal             |

#### General characteristics

|                         |                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Colour:                 | black                                                                                                                      |
| Type of wastewater:     | with sewage                                                                                                                |
| Installation situation: | free-standing installation                                                                                                 |
| Delivery state:         | Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected) |

Inlet max. scoring (DN): Z-53.2-484  
System type: Duo

#### Dimensions

Net weight: 34 kg  
Gross weight: 36,5 kg  
Groundwater resistant from lower edge of base section: 3000 mm  
Length: 670 mm  
Width: 580 mm  
Height: 395 mm  
Packaging dimension: length  
Packaging dimension: width  
Packaging dimension: height

#### Tank/drain body

Pressure pipe connection (DN): 32  
Pressure pipe connection (OD): 40 mm  
Venting connection (DN): 70  
Distance from centre of outlet pipe to tank bottom: 350 mm  
Distance pipe bottom inlet to tank bottom: 152 mm  
Distance from centre of inlet pipe to tank bottom: 207 mm  
Inlet nominal size (DN): 110 mm  
Inlet nominal size (DN): 100 mm  
Inlet type: 1  
Pumping volume: 20 l  
Tank volume: 40 l

#### Pumping device

Pump control: SPZ 1000  
Number of pumps: 2  
Weight: 10 kg  
Connection type: coded plug  
Rated current: 5,2 A  
Length of mains cable for pump: 5 m  
Self-diagnosis system (SDS): I  
Insulation class: F  
Cos phi - power factor: 0,97  
Protection class control unit: IP 68  
DSC: integrated  
Max. temperature (permanent) of conveyed material: 40 °C  
Max. pumping capacity: 11,5 m³/h  
Max. pumping height: 10 m  
Speed: 2800 U/min  
Power P1: 1,2 kW  
Power P2: 0,69 kW  
Operating mode: S3 - 50 %

|                                                |                                            |
|------------------------------------------------|--------------------------------------------|
| Type of fuse required (electrical protection): | Fuse protection through control unit 230 V |
| Type of pump connection cable:                 | H07RN-F 3G 1.5 mm <sup>2</sup>             |
| Impeller type:                                 | Macerator                                  |
| Control                                        | Comfort                                    |
| Control unit:                                  | With alarm message                         |
| Control unit function:                         | yes                                        |
| Motor protection switch:                       | optical probe                              |
| Alarm sensor:                                  | Immersion pipe                             |
| Level measurement instrument:                  | pneumatic                                  |
| Type of level measurement:                     | IP 54                                      |
| Protection class probe:                        | 50 Hz                                      |
| Mains frequency:                               | 230 V                                      |
| Operating voltage:                             | coded plug                                 |
| Connection type:                               | 1,4 m                                      |
| Length of mains cable for control unit:        | optional                                   |
| Potential-free contact:                        | yes                                        |
| GSM interface:                                 | yes                                        |
| USB interface:                                 | yes                                        |
| Log book function:                             | yes                                        |
| Multi-line display:                            | yes                                        |
| Battery buffering:                             | yes                                        |
| Self-diagnosis system (SDS):                   | yes                                        |
| Warning equipment version:                     | acoustic and optical signal                |
| Rated current:                                 | 5,2 A                                      |