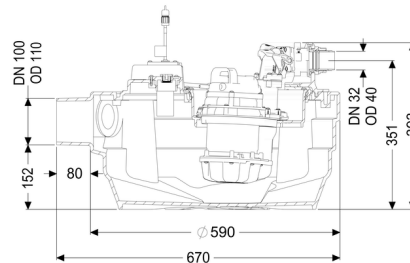


## Lifting station Aqualift F Compact Duo, SPZ 1000-S3, resist., Free-standing



### Article information

Item no.: 28718C  
 GTIN: 4026092093696  
 Price group: 20

### Advantages

- Suitable for complete basement drainage
- Integrated drainage function when installed in the floor slab
- Maximum operating reliability due to intelligent control unit (Duo)

### 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) has an enclosed pump tank. One-handed closures enable easy removal of the integrated components.

The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact or alarm and collective fault messages that can be output via a GSM interface.

Type of wastewater: wastewater with sewage  
 Installation situation: free-standing set-up

### Version:

Type of system: Twin pump station  
 Shut-off valve: without shut-off valve  
 Pump control: Control unit  
 Backflow preventer: integrated  
 Sound absorption mat: yes



|                                |            |
|--------------------------------|------------|
| Pumping volume:                | 20 l       |
| Pressure pipe connection:      | horizontal |
| Pressure pipe connection (DN): | 32 mm      |
| Pressure pipe connection (OD): | 40 mm      |
| Venting connection (DN):       | 70 mm      |

### Coverage features:

|                |   |
|----------------|---|
| Type of cover: | - |
|----------------|---|

### Pumping device:

|  |  |
|--|--|
| Number of pumps:                                   | 2  |
| Max. pumping capacity:                             | 11.5 m <sup>3</sup> /h                     |
| Max. pumping height:                               | 10 m                                       |
| Operating voltage:                                 | 230 V                                      |
| Mains frequency:                                   | 50 Hz                                      |
| Operating mode:                                    | S3 - 50 %                                  |
| Power P1:  | 1.2 kW                                     |
| Power P2:  | 0.69 kW                                    |
| Speed:   | 2,800 U/min                                |
| Type of fuse required (electrical protection):     | Fuse protection through control unit 230 V |
| Max. temperature (permanent) of conveyed material: | 40 °C                                      |
| Connection type:                                   | coded plug                                 |
| Weight:  | 10 kg                                      |
| Impeller type:                                     | Macerator                                  |
| Length of mains cable for pump:                    | 5 m  |
| Rated current:                                     | 5.2 A                                      |
| Protection class (pump):                           | IP 68                                      |
| Protection class:                                  | I  |
| Type of pump connection cable:                     | H07RN-F 3G 1.0 mm <sup>2</sup>             |
| Temperature monitoring:                            | integrated                                 |
| Cos phi - power factor:                            | 0.97                                       |
| Insulation class:                                  | F  |

### Control:

|                              |          |
|------------------------------|----------|
| Control unit:                | Comfort  |
| Operating voltage:           | 230 V    |
| Mains frequency:             | 50 Hz    |
| Self-diagnosis system (SDS): | yes      |
| Battery buffering:           | yes      |
| Multi-line display:          | yes      |
| Log book function:           | yes      |
| USB interface:               | yes      |
| GSM interface:               | yes      |
| Potential-free contact:      | optional |

|  |                |
|--|----------------|
| Type of fuse required (electrical protection): | C 16 A         |
| Motor protection switch:                       | yes            |
| Protection class control unit:                 | IP 54          |
| Length of mains cable for control unit:        | 1.4 m          |
| Type of level measurement:                     | pneumatic      |
| Level measurement instrument:                  | Immersion pipe |
| Alarm sensor:                                  | optical probe  |