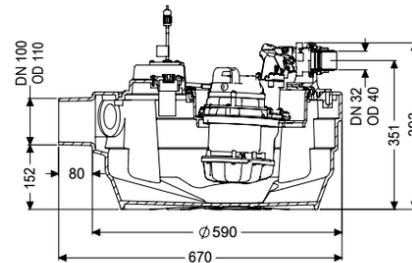


## Lifting station Aqualift F Comp. Duo, SPZ 1000-S3, resist., Free-standing



### Article information

Item no.: 28718C  
GTIN: 4026092093696  
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                                                                                                                          |
| Resistant:                                  | Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems |
| 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 resistant                                                                                                         |
| 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                                        |                                            |
| Control unit:                                  | Comfort                                    |
| Control unit function:                         | With alarm message                         |
| Motor protection switch:                       | yes                                        |
| Alarm sensor:                                  | optical probe                              |
| Level measurement instrument:                  | Immersion pipe                             |
| Type of level measurement:                     | pneumatic                                  |
| Protection class probe:                        | IP 54                                      |
| Mains frequency:                               | 50 Hz                                      |
| Operating voltage:                             | 230 V                                      |
| Connection type:                               | coded plug                                 |
| Length of mains cable for control unit:        | 1,4 m                                      |
| Potential-free contact:                        | optional                                   |
| 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                                      |