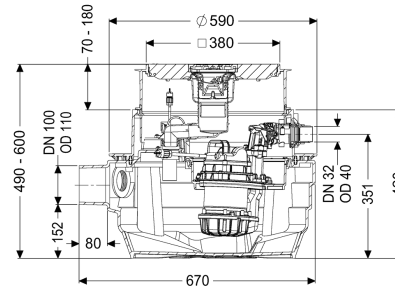


## Lifting station Aqualift F Comp. Mono, SPZ 1000, res., Floor slab, black



### Article information

Item no.: 28701SC  
 GTIN: 4026092093658  
 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 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:

Shut-off valve:

Resistant:

Pump control:

Backflow preventer:

Pressure pipe connection:

Single unit

without shut-off valve

Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems

Control unit

integrated

horizontal

#### General characteristics

Colour:

Type of wastewater:

Installation situation:

black

with sewage

floor slab 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) |
| Approval:  | Z-53.2-484   |
| System type:   | Mono   |
| ATEX:  | no   |
| Odour trap:  | Multistop  |
| Dimensions   |  |
| Net weight:  | 32,5 kg  |
| Gross weight:  | 37,5 kg  |
| Groundwater resistant from lower edge of base section: | 3000 mm  |
| Cutout dimension, width:                               | 800 mm   |
| Cutout dimension, length:                              | 800 mm   |
| Installation depth:                                    | 490 - 600 mm   |
| Type of height adjustability:                          | vertically adjustable upper section  |
| Length:  | 670 mm   |
| Width:   | 590 mm   |
| Packaging dimension:                                   | length   |
| Packaging dimension:                                   | width  |
| Packaging dimension:                                   | height   |
| Tank/drain body  |  |
| Pressure pipe connection (DN):                         | 32   |
| Pressure pipe connection (OD):                         | 40 mm  |
| Connection conduit pipe (DN):                          | 50   |
| Venting connection (DN):                               | 70   |
| Distance from centre of outlet pipe to tank bottom:    | 351 mm   |
| Distance pipe bottom outlet to tank bottom:            | 351 mm   |
| Distance pipe bottom inlet to tank bottom:             | 152 mm   |
| Distance from centre of inlet pipe to tank bottom:     | 207 mm   |
| Inlet nominal size (OD):                               | 110 mm   |
| Inlet nominal size (DN):                               | 100 mm   |
| Number of inlets:                                      | 1  |
| Pumping volume:  | 20 l   |
| Tank volume:   | 40 l   |
| Coverage features                                      |  |
| Type of cover:   | Cover plate  |
| Cover material:  | Polymer  |
| Colour of cover:                                       | black  |
| Width of cover:  | 366 mm   |
| Length of cover:                                       | 366 mm   |
| Drainage function:                                     | yes  |
| Locking:   | Lock & Lift  |
| Pumping device   |  |

|  |  |
|--|--|
| Pump:  | SPZ 1000 resistant                         |
| Number of pumps:                                   | 1  |
| Weight, pump:                                      | 10 kg                                      |
| Connection type:                                   | coded plug                                 |
| Rated current:                                     | 5,2 A                                      |
| Protection class:                                  | I  |
| Insulation class:                                  | F  |
| Cos phi - power factor:                            | 0,97                                       |
| Protection class (pump):                           | IP 68                                      |
| Temperature monitoring:                            | integrated                                 |
| Max. temperature (permanent) of conveyed material: | 40 °C                                      |
| Hot water resistance for a short time (2 min):     | 80 °C                                      |
| Max. pumping capacity:                             | 11,5 m <sup>3</sup> /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                                  |
| Length of mains cable for pump:                    | 5 m  |
| <b>Control</b>                                     |  |
| 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 control unit:                     | 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                                      |
| Type of fuse required (electrical protection):     | Fuse protection through control unit 230 V |