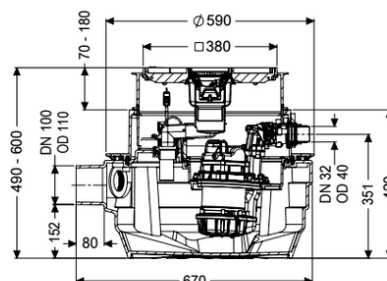


## Lifting station Aqualift F Comp. Mono, SPZ 1000-S3, Floor sl., tileable



### Article information

Item no.: 28701X  
 GTIN: 4026092093382  
 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:           | Single unit            |
| Shut-off valve:           | without shut-off valve |
| Rim width:                | Control unit           |
| Backwater protection:     | integrated             |
| Pressure pipe connection: | horizontal             |

#### General characteristics

|                          |                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Colour:                  | black                                                                                                                      |
| Type of wastewater:      | with sewage                                                                                                                |
| Installation situation:  | 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) |
| Inlet max. scoring (DN): | Z-53.2-484                                                                                                                 |
| System type:             | Mono                                                                                                                       |

## Dimensions

|                                                        |                                     |
|--------------------------------------------------------|-------------------------------------|
| Net weight:                                            | 34,2 kg                             |
| Gross weight:                                          | 36 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                        |
| Vertical adjustment:                                   | 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 (DN):                            | 110 mm |
| Inlet nominal size (DN):                            | 100 mm |
| Inlet type:                                         | 1      |
| Pumping volume:                                     | 20 l   |
| Tank volume:                                        | 40 l   |

## Coverage features

|                       |                      |
|-----------------------|----------------------|
| Type of cover:        | tileable cover plate |
| Cover material:       | Polymer              |
| Width of cover:       | 366 mm               |
| Length of cover:      | 366 mm               |
| Drainage function:    | yes                  |
| Cover locking:        | Lock & Lift          |
| Max. flooring height: | 16 mm                |
| Odour trap:           | Multistop            |

## Pumping device

|                                 |            |
|---------------------------------|------------|
| Pump control:                   | SPZ 1000   |
| Number of pumps:                | 1          |
| 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                                      |
| Hot water resistance for a short time (2 min):     | 80 °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 mm²                         |
| 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                                      |