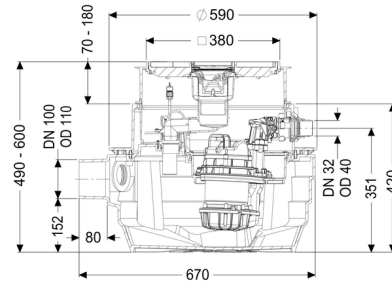


## Lifting station Aqualift F Compact Mono, SPZ 1000-S3, Floor sl., tileable



### 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 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: floor slab installation

### Version:

Type of system: Single station  
 Shut-off valve: without shut-off valve  
 Odour trap: Multistop  
 Type of waterproofing layer: Waterproofing layer  
 Pump control: Control unit  
 Backflow preventer: integrated

Delivery state: Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)

### General characteristics:

Colour: black  
Approval: Z-53.2-484

### Dimensions:

Length: 670 mm  
Width: 590 mm  
Cutout dimension, length: 800 mm  
Cutout dimension, width: 800 mm

### Tank:

Number of inlets: 1 ST  
Inlet nominal size (DN): 100  
Inlet nominal size (OD): 110 mm  
Distance pipe bottom inlet to tank bottom: 152 mm  
Distance from centre of outlet pipe to tank bottom: 351 mm  
Distance from centre of inlet pipe to tank bottom: 207 mm  
Connection conduit pipe (DN): 50 mm  
Tank volume: 40 l  
Pumping volume: 20 l  
Pressure pipe connection: horizontal  
Pressure pipe connection (DN): 32 mm  
Pressure pipe connection (OD): 40 mm  
Installation depth: 490 - 600 mm  
Venting connection (DN): 70 mm  
Groundwater resistant from lower edge of base section: 3,000 mm  
  
Vertical adjustment: vertically adjustable upper section

### Coverage features:

Type of cover: tileable cover plate  
Cover material: Polymer  
Drainage function: yes  
Max. flooring height: 16 mm  
Length: 366 mm

Width: 366 mm  
Locking: Lock & Lift

### Pumping device:

Pump: SPZ 1000  
Number of pumps: 1  
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

