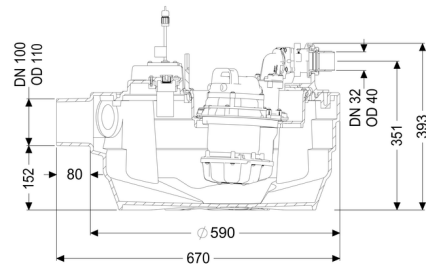


## Lifting station Aqualift F Compact Mono, SPZ 1000-S3, Free-standing set-up



### Article information

Item no.: 28717  
 GTIN: 4026092093405  
 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: Single station  
 Shut-off valve: without shut-off valve  
 Pump control: Control unit  
 Backflow preventer: integrated  
 Sound absorption mat: yes

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: 580 mm  
Height: 395 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: 350 mm  
Distance from centre of inlet pipe to tank bottom: 207 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  
Venting connection (DN): 70 mm

### Coverage features:

Type of cover: -

### 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