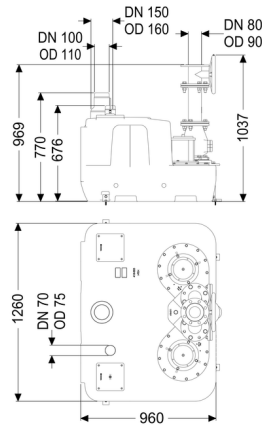


# Lifting station Aqualift F XL, 450 l Duo, SPF 4500-S3, Cast-iron gate valve



## Article information

Item no.: 11070  
 GTIN: 4026092057377  
 Price group: 50

## Advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Maximum operating reliability due to intelligent control unit

## 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) offers universal connection options and has a screwed access cover.

The station is controlled by a user-friendly control unit, which can be optionally integrated in the building management system via a potential-free contact or alarm and collective fault messages can be output via a GSM interface (Comfort control unit).

Type of wastewater: wastewater with sewage  
 Installation situation: free-standing set-up

## Version:

Type of system: Twin pump station  
 Shut-off valve: Shut-off valve made of cast iron  
 Pump control: Control unit  
 Backflow preventer: integrated  
 Sound absorption mat: yes

Delivery state: Installation-ready (electrical components, connection parts must be connected on site)

### General characteristics:

Colour: black  
Standard: EN 12050-1

### Dimensions:

Length: 1,260 mm  
Width: 1,089 mm  
Height: 1,027 mm

### Tank:

Number of inlets: 1 ST  
Inlet nominal size (DN): 100  
Inlet nominal size (OD): 110 mm  
Inlet max. scoring (DN): 200 mm  
Connection for manual diaphragm pump (DN): 32  
Tank volume: 450 l  
Pumping volume: 250 l  
Pressure pipe connection: vertical  
Pressure pipe connection (DN): 80 mm  
Pressure pipe connection (OD): 90 mm  
Venting connection (DN): 70 mm

### Pumping device:

Pump: SPF 4500  
Number of pumps: 2  
Max. pumping capacity: 55 m<sup>3</sup>/h  
Max. pumping height: 20 m  
Operating mode: S3 - 50 %  
Power P1: 4.2 kW  
Power P2: 3.5 kW  
Speed: 2,850 U/min  
Type of fuse required (electrical protection): 3 x C 25 A  
Max. temperature (permanent) of conveyed material: 40 °C  
Connection type: Direct connection  
Weight: 26 kg  
Impeller type: Multi-vane impeller  
Length of mains cable for pump: 5 m  
Rated current: 7.5 A  
Protection class (pump): IP 68 (3m/48h)

Protection class:	I
Type of pump connection cable:	H07RN-F 7G 1.5 mm <sup>2</sup>
Temperature monitoring:	integrated
Cos phi - power factor:	0.85
Insulation class:	F

**Control:**

Control unit:	Comfort
Operating voltage:	400 V
Mains frequency:	50 Hz
Self-diagnosis system (SDS):	yes
Battery buffering:	yes
Multi-line display:	yes
Log book function:	yes
GSM interface:	yes
Potential-free contact:	yes
Type of fuse required (electrical protection):	3 x C 32 A
Motor protection switch:	yes
Protection class control unit:	IP 54
Length of mains cable for control unit:	0 m
Type of level measurement:	pneumatic
Level measurement instrument:	Immersion pipe
Alarm sensor:	Immersion pipe