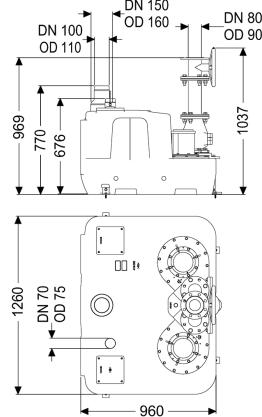


## Aqualift F XL, 450 L lift. stat. Duo, SPF 5500-S3, Cast-iron shut-off val



### Article information

Item no.: 11083  
 GTIN: 4026092057506  
 Price group: 50

### Advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- 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) offers universal connection options and has a screwed access cover.

#### Variant

Type of system:	duo pump
Shut-off valve:	Shut-off valve made of cast iron
Retaining bracket for the lift protection:	yes
Sound absorption mat:	yes
Pump control:	Control unit
Backflow preventer:	integrated
Pressure pipe connection:	vertical

#### General characteristics

Colour:	black
Standard:	EN 12050-1
Type of wastewater:	with sewage
Installation situation:	free-standing installation
Delivery state:	Installation-ready (electrical components, connection parts must be connected on site)

System type: **Duo**

Dimensions

Net weight: 220 kg  
 Gross weight: 240 kg  
 Length: 1260 mm  
 Width: 1089 mm  
 Height: 1027 mm  
 Packaging dimension: length  
 Packaging dimension: width  
 Packaging dimension: height

Tank/drain body

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

Pumping device

Pump: SPF 5500-S3  
 Number of pumps: 2  
 Weight, pump: 38 kg  
 Connection type: Direct connection  
 Protection class: I  
 Insulation class: F  
 Protection class (pump): IP 68 (3m/48h)  
 Temperature monitoring: integrated  
 Max. temperature (permanent) of conveyed material: 40 °C  
 Max. pumping capacity: 60 m<sup>3</sup>/h  
 Max. pumping height: 28 m  
 Speed: 2800 U/min  
 Power P1: 5,7 kW  
 Power P2: 4,8 kW  
 Operating mode: S3 - 30 %  
 Type of pump connection cable: H07RN8-F 6G 1 mm<sup>2</sup>  
 Impeller type: Multi-vane impeller  
 Free passage: 40 mm  
 Length of mains cable for pump: 5 m  
 Rated current: 9,1 A

Control

Control unit: Comfort  
 Motor protection switch: yes

Alarm sensor:	Immersion pipe
Level measurement instrument:	Immersion pipe
Type of level measurement:	pneumatic
Protection class control unit:	IP 54
Mains frequency:	50 Hz
Operating voltage:	400 V
Connection type:	Direct connection
Potential-free contact:	yes
GSM interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes