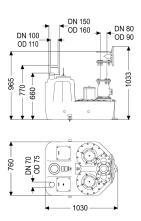


## Aqualift F XL, 200 L lift. stat. DuoSPF 4500-S1, Cast-iron shut-off val.





## **Article information**

Item no.: 11121

GTIN: 4026092057889

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** 

210 kg Net weight: Gross weight: 230 kg Length: 1109 mm Width: 760 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: 120 l

Pumping device

Tank volume:

Pump: SPF 4500-S1

Number of pumps: 2
Weight, pump: 31 kg

Connection type: Direct connection

Operating voltage: 400 V
Protection class: I
Insulation class: F
Cos phi - power factor: 0,88

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated Max. temperature (permanent) of conveyed  $40 \,^{\circ}\text{C}$ 

material:

Max. pumping capacity: 55 m³/h
Max. pumping height: 20 m
Speed: 2850 U/min
Power P1: 4,2 kW
Power P2: 3,5 kW

Operating mode: S1

Type of pump connection cable: H07RN-F 7G 1.5 mm² Impeller type: Multi-vane impeller

Free passage: 40 mm
Length of mains cable for pump: 5 m
Rated current: 7,5 A

Control

2001



Control unit: Comfort Motor protection switch: yes

Alarm sensor: Immersion pipe
Level measurement instrument: Immersion pipe
Type of level measurement: pneumatic

Protection close control unit: IR 5.4

Protection class control unit: IP 54 Operating voltage: 400 V

Connection type: Direct connection

Potential-free contact:

GSM interface:

Log book function:

Multi-line display:

Battery buffering:

Self-diagnosis system (SDS):

yes

yes

Type of fuse required (control unit): 3 x C 25 A