

Lifting stati. Aqualift F XL 300l Duo, SPF 3000-S1



Article information

Item no.: 11110
 GTIN: 4026092057773
 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 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: without shut-off valve
 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:	760 mm
Height:	770 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:	300 l
Pumping volume:	175 l
Pressure pipe connection:	vertical
Pressure pipe connection (DN):	100 mm
Pressure pipe connection (OD):	110 mm
Venting connection (DN):	70 mm

Pumping device:

Pump:	SPF 3000
Number of pumps:	2
Max. pumping capacity:	47 m ³ /h
Max. pumping height:	16 m
Operating mode:	S1
Power P1:	3.2 kW
Power P2:	2.7 kW
Speed:	2,890 U/min
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:	5.4 A
Protection class (pump):	IP 68 (3m/48h)
Protection class:	I
Type of pump connection cable:	H07RN-F 7G 1.5 mm ²
Temperature monitoring:	integrated

Cos phi - power factor: 0.77
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 20 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