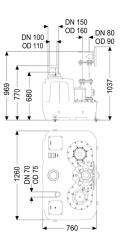


# Lifting stati. Aqualift F XL 300l Duo, SPF 3000-S1, Cast-iron gate valve





## Article information

Item no.: 11113 GTIN: 4026092057803 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: Installation situation: wastewater with sewage free-standing set-up

#### Version:

Type of system: Shut-off valve: Pump control: Backflow preventer: Sound absorption mat: Twin pump station Shut-off valve made of cast iron Control unit integrated 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:	889 mm
Height:	1,042 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):	80 mm
Pressure pipe connection (OD):	90 mm
Venting connection (DN):	70 mm

## Pumping device:

Pump:	SPF 3000
Number of pumps:	2
Max. pumping capacity:	47 m3/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	40 °C
material:	
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: Temperature monitoring: Cos phi - power factor: Insulation class: H07RN-F 7G 1.5 mm2 integrated 0.77 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