

Aqualift F XL, 450 L lift. stat. Duo, SPF 5500-S3



Article information

Item no.: 11082
GTIN: 4026092057490
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:	without shut-off valve
Sound absorption mat:	yes
Pump control:	Control unit
Pressure pipe connection:	vertical

General characteristics

Colour:	black
Material:	PE
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:	215 kg
Gross weight:	235 kg
Width:	1000 mm
Height:	770 mm
Packaging dimension:	length
Packaging dimension:	width

Packaging dimension: height

Tank/drain body

Connection for manual diaphragm pump (DN): 32
 Inlet max. scoring (DN): 200 mm
 Inlet nominal size (OD): 110 mm
 Inlet nominal size (DN): 100 mm
 Tank volume: 450 l

Pumping device

Pump: SPF 5500-S3
 Number of pumps: 2
 Weight, pump: 38 kg
 Connection type: Direct connection
 Operating voltage: 400 V
 Mains frequency: 50 Hz
 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 m³/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 mm²
 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
 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