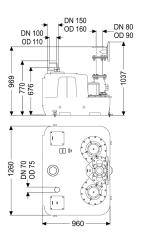


Aqualift F XL, 450 L lift. stat. Duo, SPF 4500-S3, Cast-iron shut-off val





Article information

Item no.: 11070

GTIN: 4026092057377

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)



Duo System type:

Dimensions

213 kg Net weight: Gross weight: 233 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

Pumping device

Tank volume:

Pump: SPF 4500-S3

Number of pumps: 2 Weight, pump: 26 kg

Connection type: Direct connection

Operating voltage: 400 V Protection class: Insulation class: F Cos phi - power factor: 0,85

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated Max. temperature (permanent) of conveyed 40 °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 S3 - 50 % Operating mode:

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

450 L



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