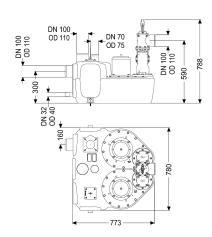


## Lifting station Aqualift F Duo Standard, SPF 3000-S3, shut-off valve





## **Article information**

Item no.: 28631

GTIN: 4026092007716

Price group: 20

## **Advantages**

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Control unit with self-diagnosis system

## **Description**

The lifting station for faecal and faecal-free wastewater is equipped with 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 polymer

Retaining bracket for the lift protection: yes Sound absorption mat: yes

Pump control: Control unit Backflow preventer: integrated horizontal Pressure pipe connection:

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)

**Dimensions** 

Net weight: 91,55 kg



Gross weight: 95,15 kg Length: 773 mm 780 mm Width: Height: 788 mm Packaging dimension: length Packaging dimension: width Packaging dimension: height

Tank/drain body

Pressure pipe connection (DN): 100 Pressure pipe connection (OD): 110 mm Connection for manual diaphragm pump (DN): 32 Venting connection (DN): 70 Distance from centre of outlet pipe to tank 590 mm

bottom:

Distance pipe bottom inlet to tank bottom: 245 mm Distance from centre of inlet pipe to tank 300 mm

bottom:

Inlet max. scoring (DN): 150 mm Inlet nominal size (OD): 110 mm Inlet nominal size (DN): 100 mm Number of inlets: 2 Pumping volume: 50 L Tank volume: 120 l

Pumping device

SPF 3000-S3 Pump:

Number of pumps: 2 Weight, pump: 24 kg

Connection type: Direct connection

Operating voltage: 400 V Protection class: I F Insulation class: 0,89 Cos phi - power factor:

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated Max. temperature (permanent) of conveyed 40°C

material:

Max. pumping capacity: 47 m<sup>3</sup>/h Max. pumping height: 16 m Speed: 2845 U/min Power P1: 3,2 kW Power P2: 2.7 kW S3 - 50 % Operating mode:

Type of pump connection cable: H07RN-F 7G 1.5 mm<sup>2</sup> Impeller type: Multi-vane impeller

Free passage: 40 mm Length of mains cable for pump: 5 m Rated current: 5,4 A



Control

Control unit: Standard

Motor protection switch: yes

Alarm sensor: Immersion pipe

Level measurement instrument: Immersion pipe with pressure monitor

Type of level measurement: pneumatic Protection class control unit: IP 54 Mains frequency: 50 Hz Operating voltage: 400 V

Connection type: Direct connection

Potential-free contact: yes
Log book function: yes
Multi-line display: no
Battery buffering: yes
Self-diagnosis system (SDS): yes