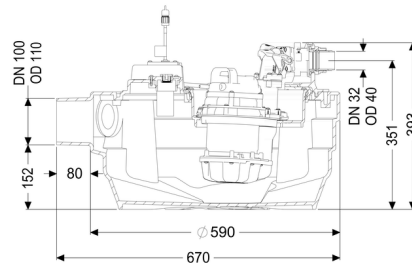


Lifting station Aqualift F Compact Duo, SPZ 1000-S3, resist., Free-standing



Article information

Item no.: 28718C
 GTIN: 4026092093696
 Price group: 20

Advantages

- Suitable for complete basement drainage
- Integrated drainage function when installed in the floor slab
- 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) has an enclosed pump tank. One-handed closures enable easy removal of the integrated components.

The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact or alarm and collective fault messages that can be output via a GSM interface.

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

Resistant: Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems, Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems

Delivery state: Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)

General characteristics:

Colour: black
Approval: Z-53.2-484

Dimensions:

Length: 670 mm
Width: 580 mm
Height: 395 mm

Tank:

Number of inlets: 1 ST
Inlet nominal size (DN): 100
Inlet nominal size (OD): 110 mm
Distance pipe bottom inlet to tank bottom: 152 mm
Distance from centre of outlet pipe to tank bottom: 350 mm
Distance from centre of inlet pipe to tank bottom: 207 mm
Tank volume: 40 l

Pumping volume:	20 l
Pressure pipe connection:	horizontal
Pressure pipe connection (DN):	32 mm
Pressure pipe connection (OD):	40 mm
Venting connection (DN):	70 mm

Coverage features:

Type of cover:	-
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Pumping device:

Number of pumps:	2
Max. pumping capacity:	11.5 m ³ /h
Max. pumping height:	10 m
Operating voltage:	230 V
Mains frequency:	50 Hz
Operating mode:	S3 - 50 %
Power P1:	1.2 kW
Power P2:	0.69 kW
Speed:	2,800 U/min
Type of fuse required (electrical protection):	Fuse protection through control unit 230 V
Max. temperature (permanent) of conveyed material:	40 °C
Connection type:	coded plug
Weight:	10 kg
Impeller type:	Macerator
Length of mains cable for pump:	5 m
Rated current:	5.2 A
Protection class (pump):	IP 68
Protection class:	I
Type of pump connection cable:	H07RN-F 3G 1.0 mm ²
Temperature monitoring:	integrated
Cos phi - power factor:	0.97
Insulation class:	F

Control:

Control unit:	Comfort
Operating voltage:	230 V
Mains frequency:	50 Hz
Self-diagnosis system (SDS):	yes
Battery buffering:	yes
Multi-line display:	yes
Log book function:	yes
USB interface:	yes
GSM interface:	yes
Potential-free contact:	optional

Type of fuse required (electrical protection):	C 16 A
Motor protection switch:	yes
Protection class control unit:	IP 54
Length of mains cable for control unit:	1.4 m
Type of level measurement:	pneumatic
Level measurement instrument:	Immersion pipe
Alarm sensor:	optical probe