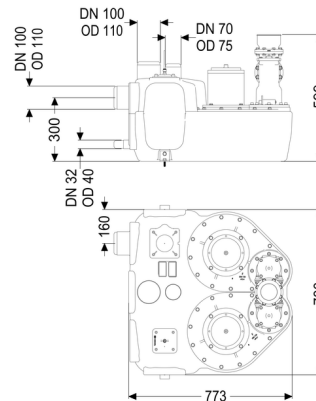


Lifting station Aqualift F Duo Standard, SPF 1500-S3



Article information

Item no.: 28652
 GTIN: 4026092005552
 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.

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: wastewater with sewage
 Installation situation: free-standing set-up

Version:

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|-----------------------|--|
| Type of system: | Twin pump station |
| Shut-off valve: | without shut-off valve |
| Pump control: | Control unit |
| Backflow preventer: | integrated |
| Sound absorption mat: | yes |
| Delivery state: | Installation-ready (electrical components, connection parts must be connected on site) |

General characteristics:

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|-----------|------------|
| Colour: | black |
| Standard: | EN 12050-1 |

Dimensions:

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|---------|--------|
| Length: | 773 mm |
| Width: | 780 mm |
| Height: | 539 mm |

Tank:

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|--|----------|
| Number of inlets: | 2 ST |
| Inlet nominal size (DN): | 100 |
| Inlet nominal size (OD): | 110 mm |
| Inlet max. scoring (DN): | 150 mm |
| Distance pipe bottom inlet to tank bottom: | 245 mm |
| Distance from centre of inlet pipe to tank bottom: | 300 mm |
| Connection for manual diaphragm pump (DN): | 32 |
| Tank volume: | 120 l |
| Pumping volume: | 50 l |
| Pressure pipe connection: | vertical |
| Pressure pipe connection (DN): | 100 mm |
| Pressure pipe connection (OD): | 110 mm |
| Venting connection (DN): | 70 mm |
| Free passage: | 40 mm |

Pumping device:

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| Pump: | SPF 1500 |
| Number of pumps: | 2 |
| Max. pumping capacity: | 40 m ³ /h |
| Max. pumping height: | 8 m |
| Operating mode: | S3 - 50 % |
| Power P1: | 1.4 kW |
| Power P2: | 1.1 kW |
| Speed: | 1,415 U/min |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Connection type: | Direct connection |
| Weight: | 24 kg |
| Impeller type: | Multi-vane impeller |
| Length of mains cable for pump: | 5 m |
| Rated current: | 2.7 A |

| | |
|--------------------------------|--------------------------------|
| Protection class (pump): | IP 68 (3m/48h) |
| Protection class: | I |
| Type of pump connection cable: | H07RN-F 7G 1.5 mm ² |
| Temperature monitoring: | integrated |
| Cos phi - power factor: | 0.77 |
| Insulation class: | F |

Control:

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|--|--------------------------------------|
| Control unit: | Standard |
| Operating voltage: | 400 V |
| Mains frequency: | 50 Hz |
| Self-diagnosis system (SDS): | yes |
| Battery buffering: | yes |
| Multi-line display: | no |
| Log book function: | yes |
| Potential-free contact: | yes |
| Type of fuse required (electrical protection): | 3 x C 16 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 with pressure monitor |
| Alarm sensor: | Immersion pipe |