

Technology kit Aqualift F Compact Mono Resistant



Article information

Item no.: 28701C-TK
 GTIN: 4026092106877
 Price group: 20

Description

For combination with a KESSEL shell kit for creating a Mono lifting station for wastewater with sewage with an SPZ1000 wastewater pump.

The ready to plug in lifting station for wastewater with sewage is equipped with a submersible pump and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an open pump tank. One-handed closures enable easy removal of the integrated components. The system for installation in the floor slab is pre-assembled for final installation on site. The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system using a potential-free contact or alarm and collective fault messages that can be output through a GSM interface.

KESSEL technology kit consisting of:

- Pump with macerator and multi-vane vortex impeller for maximum operating safety
- Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems
- Comfort control unit 230 V
- Optical alarm probe
- Pneumatic level measurement

Variant

| | |
|-----------------|--|
| Type of system: | Single unit |
| Resistant: | Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems |
| Pump control: | Control unit |

General characteristics

ATEX: no

Dimensions

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|----------------------|---------|
| Net weight: | 13,5 kg |
| Gross weight: | 13,5 kg |
| Packaging dimension: | length |
| Packaging dimension: | width |
| Packaging dimension: | height |

Pumping device

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| Pump: | SPZ 1000 resistant |
| Number of pumps: | 1 |
| Weight, pump: | 10 kg |
| Connection type: | coded plug |
| Rated current: | 5,2 A |
| Protection class: | I |
| Insulation class: | F |
| Cos phi - power factor: | 0,97 |
| Protection class (pump): | IP 68 (3m/48h) |
| Temperature monitoring: | integrated |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Hot water resistance for a short time (2 min): | 80 °C |
| Max. pumping capacity: | 11,5 m ³ /h |
| Max. pumping height: | 10 m |
| Speed: | 2800 U/min |
| Power P1: | 1,2 kW |
| Power P2: | 0,69 kW |
| Operating mode: | S3 - 50 % |
| Type of fuse required (electrical protection): | Fuse protection through control unit 230 V |
| Type of pump connection cable: | H07RN-F 3G 1.5 mm ² |
| Impeller type: | Macerator |
| Length of mains cable for pump: | 5 m |

Control

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|---|--------------------|
| Control unit: | Comfort |
| Control unit function: | With alarm message |
| Motor protection switch: | yes |
| Alarm sensor: | optical probe |
| Level measurement instrument: | Immersion pipe |
| Type of level measurement: | pneumatic |
| Protection class control unit: | IP 54 |
| Mains frequency: | 50 Hz |
| Operating voltage: | 230 V |
| Connection type: | coded plug |
| Length of mains cable for control unit: | 1,4 m |
| Potential-free contact: | optional |
| GSM interface: | yes |
| USB interface: | yes |
| Log book function: | yes |
| Multi-line display: | yes |
| Battery buffering: | yes |

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| Self-diagnosis system (SDS): | yes |
| Warning equipment version: | acoustic and optical signal |
| Rated current: | 5,2 A |
| Type of fuse required (electrical protection): | Fuse protection through control unit 230 V |