Technology kit Aqualift F Compact Duo

Article information

Item no.: 28704-TK
GTIN: 4026092107423
Price group: 20

Description

For combination with a KESSEL shell kit for creating a Duo 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:

- Pumps with macerator and multi-vane vortex impeller for maximum operating safety
- Comfort control unit 230 V
- Optical alarm probe
- Pneumatic level measurement

Variant
Type of system: Single unit
Pump control: Control unit

Dimensions
Net weight: 25 kg
Gross weight: 25 kg
Packaging dimension: length
Packaging dimension: width
Packaging dimension: height

Pumping device

 02.09.2025

Pump:	SPZ 1000
Number of pumps:	2
Weight, pump:	10 kg
Connection type:	coded plug
Operating voltage:	230 V
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 m³/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 pump connection cable:	H07RN-F 3G 1.5 mm²
Impeller type:	Macerator
Length of mains cable for pump:	5 m
Rated current:	5,2 A

Control	
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
Self-diagnosis system (SDS):	yes
Warning equipment version:	acoustic and optical signal
Type of fuse required (control unit):	Fuse protection through control unit 230 V

Subject to technical changes.