

# Technology kit Aqualift F Compact Duo



## Article information

Item no.: 28704-TK  
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Price group: 20

## Description

For combination with a KESSEL shell kit for creating a Duo lifting station for wastewater without sewage with an SPZ1000 wastewater pump. The ready to plug in lifting station for wastewater without 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
Rim width:	Control unit

### Dimensions

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

### Pumping device

Pump control:	SPZ 1000
Number of pumps:	2

Weight:	10 kg
Connection type:	coded plug
Rated current:	5,2 A
Length of mains cable for pump:	5 m
Self-diagnosis system (SDS):	I
Insulation class:	F
Cos phi - power factor:	0,97
Protection class control unit:	IP 68 (3m/48h)
DSC:	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 fuse required (electrical protection):	Fuse protection through control unit 230 V
Type of pump connection cable:	H07RN-F 3G 1.5 mm²
Impeller type:	Macerator
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 probe:	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
Rated current:	5,2 A