

## Technology kit Aqualift F Compact Duo Resistant



### Article information

Item no.: 28704C-TK  
GTIN: 4026092106891  
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
- 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: | duo pump  |
| Resistant:      | Resistant to waste water containing salt, softener and condensate |
| Pump control:   | Control unit  |

#### Dimensions

|                      |        |
|----------------------|--------|
| Net weight:          | 25 kg  |
| Gross weight:        | 25 kg  |
| Packaging dimension: | length |

|  |  |
|--|--|
| Packaging dimension:                               | width                                      |
| Packaging dimension:                               | height                                     |
| Pumping device                                     |  |
| Pump:  | SPZ 1000 resistant                         |
| Number of pumps:                                   | 2  |
| Weight, pump:                                      | 10 kg                                      |
| Connection type:                                   | coded plug                                 |
| 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 |