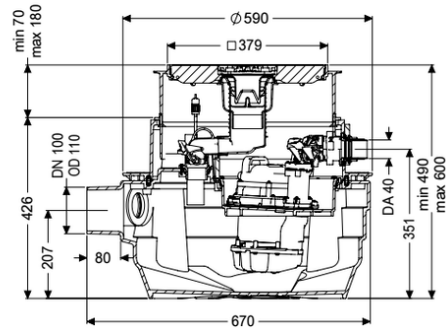


## Lifting station Aqualift F Comp. Duo, SPZ 1000-S3, Floor slab, black



### Article information

Item no.: 28704S  
 GTIN: 4026092073070  
 Price group: 20

### Advantages

- Suitable for complete basement drainage
- Integrated drainage function when installed in the floor slab
- Maximum operating reliability due to intelligent control unit (Duo)

### Description

The lifting station for faecal and faecal-free wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an enclosed pump tank. One-handed closures enable easy removal of the integrated components.

#### Variant

|                           |                        |
|---------------------------|------------------------|
| Type of system:           | duo pump               |
| Shut-off valve:           | without shut-off valve |
| Rim width:                | Control unit           |
| Backwater protection:     | integrated             |
| Pressure pipe connection: | horizontal             |

#### General characteristics

|                          |  |
|--------------------------|--|
| Colour:                  | black  |
| Type of wastewater:      | with sewage  |
| Installation situation:  | floor slab installation  |
| Delivery state:          | Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected) |
| Inlet max. scoring (DN): | Z-53.2-484   |
| System type:             | Duo  |

#### Dimensions

|  |                                     |
|--|-------------------------------------|
| Net weight:  | 42,5 kg                             |
| Gross weight:  | 47,4 kg                             |
| Groundwater resistant from lower edge of base section: | 3000 mm                             |
| Cutout dimension, width:                               | 800 mm                              |
| Cutout dimension, length:                              | 800 mm                              |
| Installation depth:                                    | 490 - 600 mm                        |
| Vertical adjustment:                                   | vertically adjustable upper section |
| Width:   | 590 mm                              |
| Length:  | 670 mm                              |
| Packaging dimension:                                   | width                               |
| Packaging dimension:                                   | height                              |
| Packaging dimension:                                   | length                              |

|   |        |
|---|--------|
| Tank/drain body                                     |        |
| Pressure pipe connection (DN):                      | 32     |
| Pressure pipe connection (OD):                      | 40 mm  |
| Connection conduit pipe (DN):                       | 50     |
| Venting connection (DN):                            | 70     |
| Distance from centre of outlet pipe to tank bottom: | 351 mm |
| Distance pipe bottom outlet to tank bottom:         | 351 mm |
| Distance pipe bottom inlet to tank bottom:          | 152 mm |
| Distance from centre of inlet pipe to tank bottom:  | 207 mm |
| Inlet nominal size (DN):                            | 110 mm |
| Inlet nominal size (DN):                            | 100    |
| Inlet type:   | 1      |
| Pumping volume:                                     | 20 l   |
| Tank volume:  | 40 l   |

|                    |                                |
|--------------------|--------------------------------|
| Coverage features  |                                |
| Type of cover:     | Cover plate with slotted cover |
| Cover material:    | Polymer                        |
| Colour of cover:   | black                          |
| Width of cover:    | 366 mm                         |
| Length of cover:   | 366 mm                         |
| Drainage function: | yes                            |
| Cover locking:     | Lock & Lift                    |
| Odour trap:        | Multistop                      |

|                                 |            |
|---------------------------------|------------|
| 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  |  |
| 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  |
| Max. permissible switching frequency:              | Comfort                                    |
| Control unit function:                             | With alarm message                         |
| Warning equipment version:                         | acoustic and optical signal                |