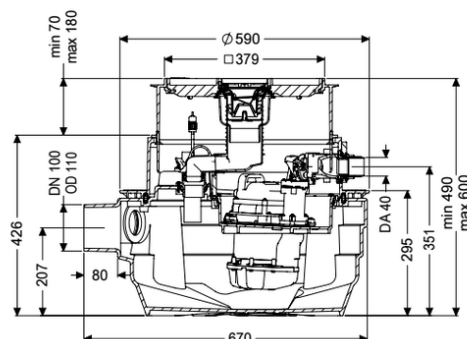


## Lifting station Aqualift F Comp. Duo, SPZ 1000, res., Floor sl., tileable



### Article information

Item no.: 28704XC  
 GTIN: 4026092093665  
 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:

Shut-off valve:

Resistant:

duo pump

without shut-off valve

Resistant to saline media, wastewater from water softening systems and wastewater containing condensate from heating systems

Control unit

integrated

horizontal

Rim width:

Backwater protection:

Pressure pipe connection:

General characteristics

Colour:

Type of wastewater:

Installation situation:

black

with sewage

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                                                                                                                        |
| <b>Dimensions</b>                                      |                                                                                                                            |
| Net weight:                                            | 42,5 kg                                                                                                                    |
| Gross weight:                                          | 47,5 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                                                                                        |
| Length:                                                | 670 mm                                                                                                                     |
| Width:                                                 | 590 mm                                                                                                                     |
| Packaging dimension:                                   | length                                                                                                                     |
| Packaging dimension:                                   | width                                                                                                                      |
| Packaging dimension:                                   | height                                                                                                                     |
| <b>Tank/drain body</b>                                 |                                                                                                                            |
| 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 mm                                                                                                                     |
| Inlet type:                                            | 1                                                                                                                          |
| Pumping volume:                                        | 20 l                                                                                                                       |
| Tank volume:                                           | 40 l                                                                                                                       |
| <b>Coverage features</b>                               |                                                                                                                            |
| Type of cover:                                         | tileable cover plate                                                                                                       |
| Cover material:                                        | Polymer                                                                                                                    |
| Width of cover:                                        | 366 mm                                                                                                                     |
| Length of cover:                                       | 366 mm                                                                                                                     |
| Drainage function:                                     | yes                                                                                                                        |
| Cover locking:                                         | Lock & Lift                                                                                                                |
| Max. flooring height:                                  | 16 mm                                                                                                                      |
| Odour trap:                                            | Multistop                                                                                                                  |
| <b>Pumping device</b>                                  |                                                                                                                            |
| Pump control:                                          | SPZ 1000 resistant                                                                                                         |

|                                                    |                                            |
|----------------------------------------------------|--------------------------------------------|
| 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                                      |
| 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                       |