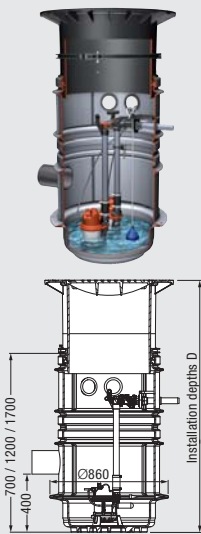




## Aqualift F Ø 600

Illustration and dimensioned drawing



### Installation depths (D):

|            |                |
|------------|----------------|
| <b>D 1</b> | 800 - 1250 mm  |
| <b>D 2</b> | 1300 - 1750 mm |
| <b>D 3</b> | 1800 - 2250 mm |

### Pumping station *Aqualift F* with macerating / cutting pumps in inspection chamber system Ø 600 in PE-LLD Single station/twin station

for wastewater with or without sewage

**For underground installation**

**1 STZ 1000 float switch controlled,  
removeable pump, plug in ready (230 V / 50 Hz)**

**2 STZ 1000 pressure sensor controlled,  
removeable pump,  
IP 54 SDS control unit (230 V / 50 Hz)**

**3 STZ 1000 pressure sensor controlled,  
removeable twin pumps,  
IP 54 SDS control unit (230 V / 50 Hz)**

**Cover plate in polymer,  
load up to 600 kg class A (Version A\*)** **NEW**

**Cover plate in cast iron and concrete,  
load up to 12,5 t class B (Version B)**

**Cover plate in cast iron,  
load up to 40 t class D (Version D)**

Resistant to aggressive media, upper section made of polymer, vertically adjustable.

Groundwater resistant. Inlet Ø 160, connection for pipe gasket for Ø 110 according to EN 1401 and EN 12666-1 - each for ventilation or conduit pipe.

**Note:** Consider frost free depth of pressure pipe. Pressure pipe Ø 40 mm (version B/D) or Ø 40/63 mm (version A) outside diameter for PVC glue connection, with integrated non-return flap.

Current: 230 V ~ 50 Hz. Power cable length: 10 m.

For installations without explosion proof requirements

**Handles groundwater depths up to 2000 mm**

Installation depths

Article #  
Class A\*

Article #  
Class B

Article #  
Class D

**1** D1: 827 710 A 827 710 B 827 710 D  
D2: 827 720 A 827 720 B 827 720 D  
D3: 827 730 A 827 730 B 827 730 D

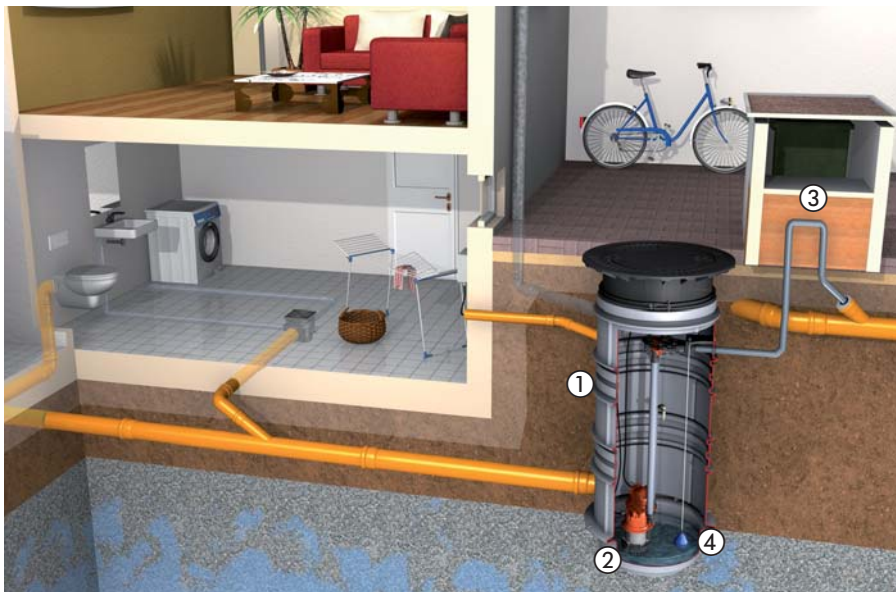
**2** D1: 827 711 A 827 711 B 827 711 D  
D2: 827 721 A 827 721 B 827 721 D  
D3: 827 731 A 827 731 B 827 731 D

**3** D1: 826 711 A 826 711 B 826 711 D  
D2: 826 721 A 826 721 B 826 721 D  
D3: 826 731 A 826 731 B 826 731 D

**CE** EN 12050 (max 2 WC connections)

## Pumping stations for wastewater with or without sewage

### Installation example pumping station *Aqualift F* Ø 600



- ① Pumping station                      ③ Pressure pipe  
② Pump                                      ④ Pressure sensor

The pumping station *Aqualift F* Ø 600 can be used for the draining of wastewater with or without sewage below the backwater level, as backwater protection for separator systems and for draining basement apartments or driveways. The wastewater flows with natural gradient to the collecting chamber and is pumped by the integrated pumps *STZ 1000* via the backwater loop to a higher-level sewage channel. The pressure pipe should always be laid frost-free. A control unit takes over the fully automatic pump control from within the building. Float switches or a pressure sensor are available as level sensors.

### Professional advantages

- Inexpensive complete system
- For draining wastewater with or without sewage
- For backwater protection connected to a separator
- **Simple to assemble** with light-weight inspection chamber components and easy connection technique.
- **Quick to mount** with a high level of pre-fabrication **and easy connection** using fixed couplings for inlet and pressure pipe and bores with lip gaskets for ventilation and cable piping.
- **Variable upper section** inclinable and height adjustable from 100 to 600 mm.
- **Tool-free pump removal**  
The “one-hand snap closure” feature means that no tools are required to remove the pump for cleaning and maintenance.

| Type             | <i>STZ 1000</i>        |
|------------------|------------------------|
| Current type     | Alternating current    |
| Voltage          | 230 V                  |
| Current          | 4.9 A                  |
| Power P1/P2      | 1080 W / 620 W         |
| RPM              | 2800 min <sup>-1</sup> |
| Motor protection | integrated             |
| Operating mode   | S3 - 30 %              |
| Pumping capacity | 11.5 m <sup>3</sup> /h |
| Pumping height   | 10 m                   |

