

## Pumping station *Aqualift F*

For underground installation with macerating / cutting pumps



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

**Polyethylene storage chamber** Ø 600 for underground installation, resistant to aggressive media. With upper section made of polymer, vertically adjustable, cover class A in polymer load up to 600 kg, class B in cast iron and concrete load up to 12.5 t and cover class D in cast iron load up to 40 t. Groundwater resistant. Inlet Ø 160 mm, connection for pipe gasket for Ø 110 according to EN 1401 and EN 12666-1 - each for ventilation or conduit pipe. Installation: Handles groundwater depths up to 2.500 mm

With **single or twin removable wastewater pump(s)** with macerator for wastewater with or without sewage. Available with float switch or pressure sensor.

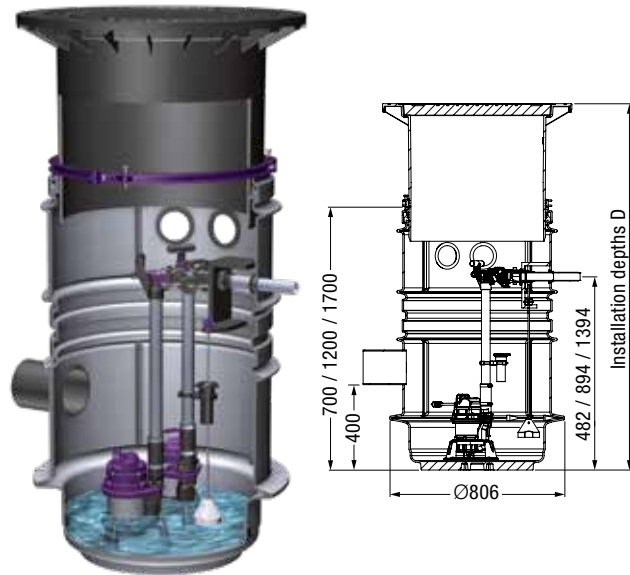
Pressure pipe Ø 40 mm (version B/D) or Ø 40/63 mm (version A) outside diameter for PVC glue connection, with integrated non-return flap. Power cable length: 10 m (Schuko)

### Control unit

Pressure sensor controlled versions with control unit with self-diagnosis system (SDS), battery buffering and logbook function, control unit is splashproof (IP 54).

### Note:

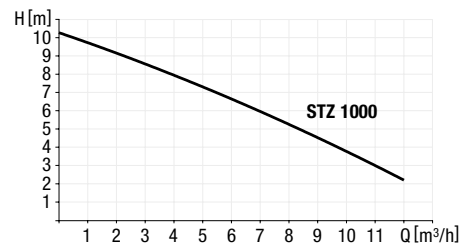
- Consider frost free depth of pressure pipe.
- For installations without explosion proof requirements.



Pump type	Voltage	Amperage	Power (P1/P2)	RPM	Motor protection	Protection	Pumping capacity	Pumping height
STZ 1000-S3-50%*	230 V	5.2 A	1080 W / 620 W	2.800 min <sup>-1</sup>	integrated	IP 68	11.5 m <sup>3</sup> /h	10 m

\*Definition of S3-pumps see page 97

### Pumping capacity



### Single station with one pump and float switch

STZ pump	Installation depths D in mm	Art. no.
<b>Cover class A</b>		
1000	800 - 1250	<b>827 710A</b>
1000	1300 - 1750	<b>827 720A</b>
1000	1800 - 2250	<b>827 730A</b>
<b>Cover class B</b>		
1000	800 - 1250	<b>827 710B</b>
1000	1300 - 1750	<b>827 720B</b>
1000	1800 - 2250	<b>827 730B</b>
<b>Cover class D</b>		
1000	800 - 1250	<b>827 710D</b>
1000	1300 - 1750	<b>827 720D</b>
1000	1800 - 2250	<b>827 730D</b>

### Single station with one pump with SDS control unit and pressure sensor

STZ pump	Installation depths D in mm	Art. no.
<b>Cover class A</b>		
1000	800 - 1250	<b>827 711A</b>
1000	1300 - 1750	<b>827 721A</b>
1000	1800 - 2250	<b>827 731A</b>
<b>Cover class B</b>		
1000	800 - 1250	<b>827 711B</b>
1000	1300 - 1750	<b>827 721B</b>
1000	1800 - 2250	<b>827 731B</b>
<b>Cover class D</b>		
1000	800 - 1250	<b>827 711D</b>
1000	1300 - 1750	<b>827 721D</b>
1000	1800 - 2250	<b>827 731D</b>

### Twin station with two pumps with SDS control unit and pressure sensor

STZ pump	Installation depths D in mm	Art. no.
<b>Cover class A</b>		
1000	800 - 1250	<b>826 711A</b>
1000	1300 - 1750	<b>826 721A</b>
1000	1800 - 2250	<b>826 731A</b>
<b>Cover class B</b>		
1000	800 - 1250	<b>826 711B</b>
1000	1300 - 1750	<b>826 721B</b>
1000	1800 - 2250	<b>826 731B</b>
<b>Cover class D</b>		
1000	800 - 1250	<b>826 711D</b>
1000	1300 - 1750	<b>826 721D</b>
1000	1800 - 2250	<b>826 731D</b>