



Aqualift S Ø 600

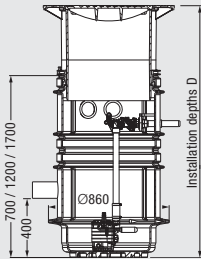
Illustration and dimensioned drawing

Article description

Pump
KTP / GTF

Article #
Class B

Article #
Class D



Installation depths (D):

| | |
|------------|----------------|
| D 1 | 800 - 1250 mm |
| D 2 | 1300 - 1750 mm |
| D 3 | 1800 - 2250 mm |

Pumping station Aqualift S in inspection chamber system Ø 600 in PE-LLD Single station/twin station

for wastewater without sewage

For underground installation

1 **KTP 500/GTF 1200 float switch controlled removable pump for conductive or non-conductive fluids.**
Input power (P1): 0.48 /1.18 kW.

| | | |
|-----------------------------|------------------|------------------|
| 1 D1: KTP 500 | 825 810 B | 825 810 D |
| D2: KTP 500 | 825 820 B | 825 820 D |
| D3: KTP 500 | 825 830 B | 825 830 D |
| D1: GTF 1200 | 827 810 B | 827 810 D |
| D2: GTF 1200 | 827 820 B | 827 820 D |
| D3: GTF 1200 | 827 830 B | 827 830 D |

2 **KTP 500/GTF 1200 Tronic with removable, pressure sensor controlled pump for conductive or non-conductive fluids, with SDS control unit.** Input power (P1): 0.48 /1.18 kW.

| | | |
|-----------------------------|------------------|------------------|
| 2 D1: KTP 500 | 825 811 B | 825 811 D |
| D2: KTP 500 | 825 821 B | 825 821 D |
| D3: KTP 500 | 825 831 B | 825 831 D |
| D1: GTF 1200 | 827 811 B | 827 811 D |
| D2: GTF 1200 | 827 821 B | 827 821 D |
| D3: GTF 1200 | 827 831 B | 827 831 D |

3 **KTP 500/GTF 1200 Duo with removable, pressure sensor controlled twin pumps for conductive or non-conductive fluids, with SDS control unit.** Input power (P1): 2 x 0.48 /1.18 kW.

| | | |
|-----------------------------|------------------|------------------|
| 3 D1: KTP 500 | 824 811 B | 824 811 D |
| D2: KTP 500 | 824 821 B | 824 821 D |
| D3: KTP 500 | 824 831 B | 824 831 D |
| D1: GTF 1200 | 826 811 B | 826 811 D |
| D2: GTF 1200 | 826 821 B | 826 821 D |
| D3: GTF 1200 | 826 831 B | 826 831 D |

Cover plate class A/B (Version B)

Cover plate class D (Version D)

Inspection chamber system Ø 600 in PE-LLD, resistant to aggressive media, upper section made of polymer, vertically adjustable, cover class A/B, D in cast iron according to EN 124.

Groundwater resistant.

Inlet Ø 110 (KTP 500), Ø 160 (GTF 1200), connection for pipe seal for Ø 110 according to EN 1401 and EN 12666-1 - each for ventilation or cable pipe,

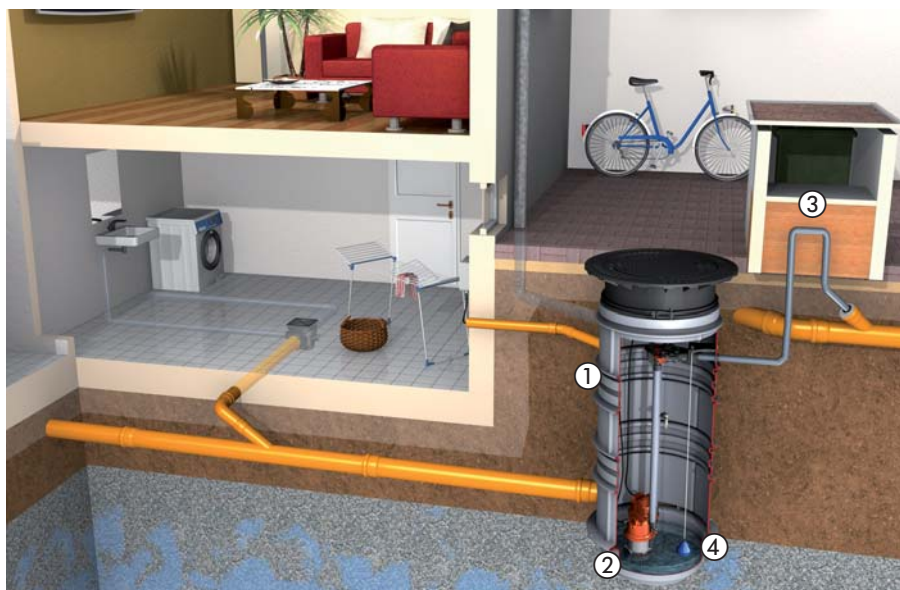
Note: Consider frost free depth of pressure pipe
Pressure pipe Ø 40 mm outside diameter for PVC glue connection, with integrated non-return flap, 10 mm max solid size,
Current: 230 V ~ 50 Hz. Power cable length: 10 m.

Handles groundwater depths up to 2000 mm



Pumping stations for wastewater without sewage

Installation example pumping station *Aqualift S* Ø 600



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

The pumping station *Aqualift S* Ø 600 can be used for the draining of wastewater 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 *KTP 500* / *GTF 1200* 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 without sewage
- For backwater protection connected after a grease 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. (see *Minilift*)

| Type | <i>KTP 500</i> | <i>GTF 1200</i> |
|-------------------------|----------------------------|-----------------------------|
| Current type | Alternating current | Alternating current |
| Voltage | 230 V | 230 V |
| Current | 2.12 A | 4.9 A |
| Power P1/P2 | 480 W / 310 W | 1180 W / 720 W |
| RPM | 2800 min ⁻¹ | 2800 min ⁻¹ |
| Motor protection | integrated | integrated |
| Operating mode | S1 | S3 - 50 % |
| Pumping capacity | max. 8.5 m ³ /h | max. 15.5 m ³ /h |
| Pumping height | max. 8 m | max. 9 m |

Performance Diagram

