

Pumping station *Aqualift S*

For underground installation for wastewater without sewage and rainwater



CE EN 12050-2

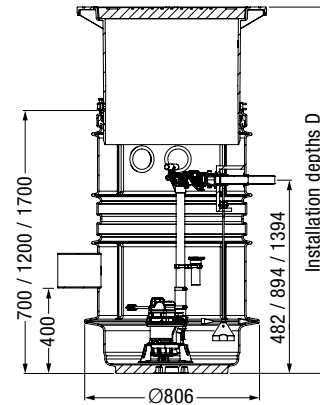
Polyethylene storage chamber Ø 600 for underground installation, resistant to aggressive media. With upper section made of polymer, vertically adjustable, cover class A in polymer load up to 600 kg, class B in cast iron and concrete load up to 12.5 t and cover class D in cast iron load up to 40 t. Groundwater resistant. Inlet Ø 110 mm (*GTF 600*) or Ø 160 mm (*GTF 1200*), 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 multi-vane impeller for wastewater without sewage. Available with float switch or pneumatic level measurement. Pressure pipe Ø 40 mm outside diameter for PVC glue connection, with integrated non-return flap, 10 mm max solid size. Power cable length: 10 m (Schuko)

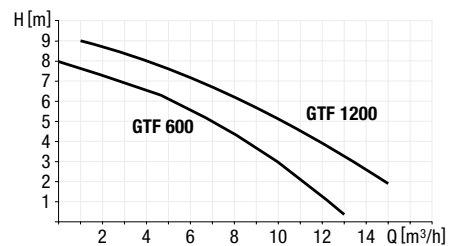
Control unit

Pneumatic 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.



Pumping capacity



Pump type	Current type	Voltage	Amperage	Power (P1/P2)	RPM	Motor protection	Protection	Pumping capacity	Pumping height
GTF 600-S1*	Alternating current	230 V	2.9 A	650 W / 400 W	2.800 min ⁻¹	integrated	IP 68	12 m ³ /h	8 m
GTF 1200-S3-50%*	Alternating current	230 V	4.9 A	1180 W / 720 W	2.800 min ⁻¹	integrated	IP 68	15.5 m ³ /h	9 m

*Definition of S1 and S3-pumps see page 97

Single station with one pump and float switch

Pump	Installation depths D in mm	Art. no.
Cover class A/B		
GTF 600	800 - 1250	825 810B
GTF 600	1300 - 1750	825 820B
GTF 600	1800 - 2250	825 830B
GTF 1200	800 - 1250	827 810B
GTF 1200	1300 - 1750	827 820B
GTF 1200	1800 - 2250	827 830B
Cover class D		
GTF 600	800 - 1250	825 810D
GTF 600	1300 - 1750	825 820D
GTF 600	1800 - 2250	825 830D
GTF 1200	800 - 1250	827 810D
GTF 1200	1300 - 1750	827 820D
GTF 1200	1800 - 2250	827 830D

Single station with one pump with SDS control unit and pneumatic level measurement

Pump	Installation depths D in mm	Art. no.
Cover class A/B		
GTF 600	800 - 1250	825 811B
GTF 600	1300 - 1750	825 821B
GTF 600	1800 - 2250	825 831B
GTF 1200	800 - 1250	827 811B
GTF 1200	1300 - 1750	827 821B
GTF 1200	1800 - 2250	827 831B
Cover class D		
GTF 600	800 - 1250	825 811D
GTF 600	1300 - 1750	825 821D
GTF 600	1800 - 2250	825 831D
GTF 1200	800 - 1250	827 811D
GTF 1200	1300 - 1750	827 821D
GTF 1200	1800 - 2250	827 831D

Twin station with two pumps with SDS control unit and pneumatic level measurement

Pump	Installation depths D in mm	Art. no.
Cover class A/B		
GTF 600	800 - 1250	824 811B
GTF 600	1300 - 1750	824 821B
GTF 600	1800 - 2250	824 831B
GTF 1200	800 - 1250	826 811B
GTF 1200	1300 - 1750	826 821B
GTF 1200	1800 - 2250	826 831B
Cover class D		
GTF 600	800 - 1250	824 811D
GTF 600	1300 - 1750	824 821D
GTF 600	1800 - 2250	824 831D
GTF 1200	800 - 1250	826 811D
GTF 1200	1300 - 1750	826 821D
GTF 1200	1800 - 2250	826 831D