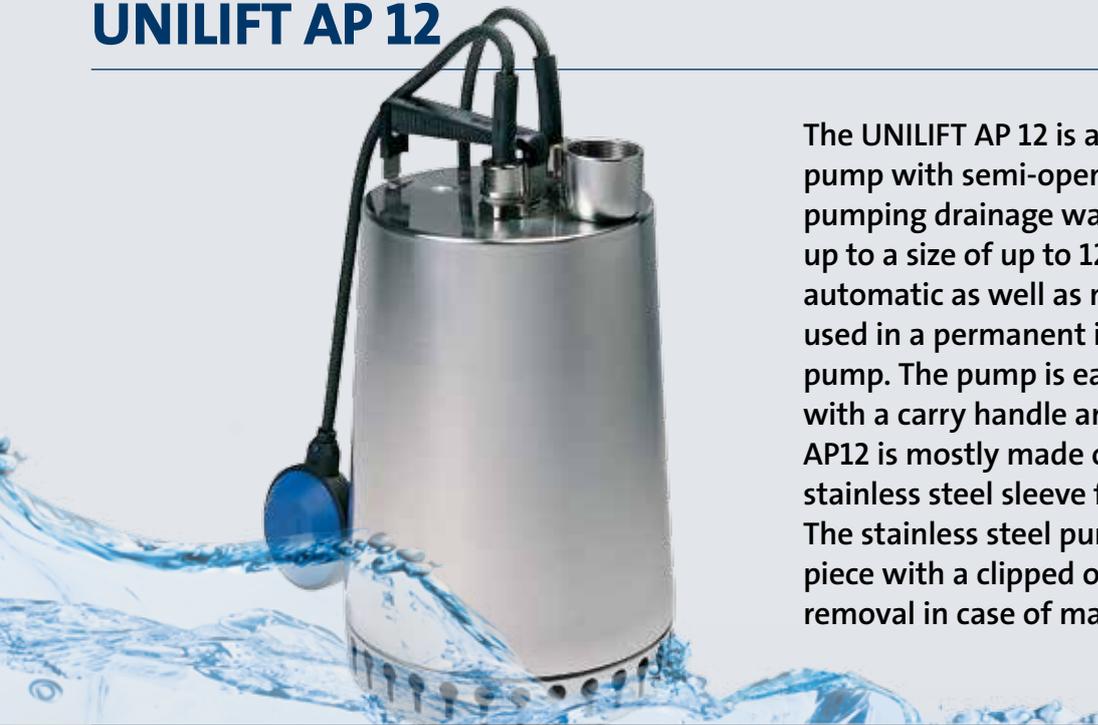


UNILIFT AP 12



The UNILIFT AP 12 is a single-stage, submersible pump with semi-open impeller, designed for pumping drainage water containing particles up to a size of up to 12 mm. UNILIFT AP12 is for automatic as well as manual operation and can be used in a permanent installation or as a portable pump. The pump is easily installed as it's fitted with a carry handle and 10 m mains cable. UNILIFT AP12 is mostly made of stainless steel, with a stainless steel sleeve for cooling during operation. The stainless steel pump sleeve is made in one piece with a clipped on suction strainer for easy removal in case of maintenance.



Features

Robust design

The materials of the pump ensure excellent corrosion resistance. The pump housing and impeller are made of high quality stainless steel. Furthermore, the mechanical shaft seal offers high-wear resistance and a long operating life.

Thermal overload protection

The single-phase version is effectively protected against any accidental overload by built-in thermal protection. This means that no additional motor protection is required.

Handy and easily transportable

The carry handle mounted on the pump housing makes it handy and easily transportable.

Option for automatic operation

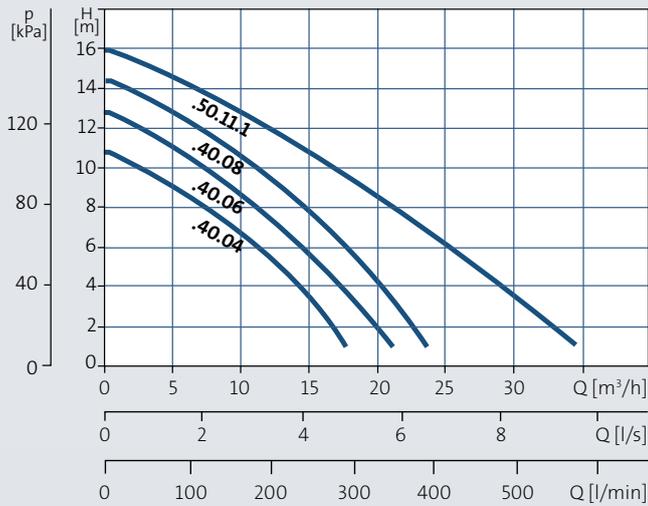
The pumps are available with float switches for automatic on/off operation.

Applications

- Domestic wastewater



Performance



Operating Conditions

Liquid temperature
0 °C to 55 °C

Max. particle size
Ø12 mm

pH concentration
4 to 10

Max. installation depth
10 m

Technical Data

Mains voltage
1 x 240 V, 50 Hz
3 x 415 V, 50 Hz

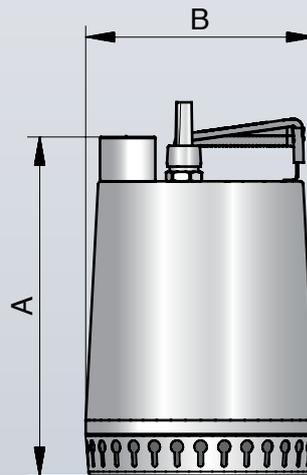
Enclosure class
IP68

Insulation class
F

Cable type
H07RN-F

Approvals and markings
VDE, LGE, UL and CSA

Dimensions



Model	Cable length (m)	Power - P2 (kW)	Connection size	Dimensions (mm)		Weight (kg)
				A	B	
Unilift AP12.40.04	10	0.4	1½" F	321	216	11
Unilift AP12.40.06	10	0.6	1½" F	321	216	11
Unilift AP12.40.08	10	0.8	1½" F	346	216	12.6
Unilift AP12.50.11	10	1.1	2" F	357	241	15.1



UNILIFT AP 35 & 50

The UNILIFT AP 35 & 50 is a single-stage, submersible pump with vortex impeller, designed for pumping effluent and sewage, containing particles up to a size of Ø50 mm (Unilift AP 50) and Ø35 mm (Unilift AP 35) depending on the pump size. UNILIFT AP 35 & 50 is available for automatic as well as manual operation and can be used in a permanent installation or as a portable pump. The pump is easily installed, as it is fitted with a carry handle and 10m mains cable. UNILIFT AP 35 & 50 is mostly made of stainless steel, with a stainless steel sleeve for cooling during operation. The stainless steel pump sleeve is made in one piece, with a clipped on suction strainer, for easy removal, in case of maintenance.



Features

Robust design

The materials of the pump ensure excellent corrosion resistance. The pump housing and impeller are made of high quality stainless steel. Furthermore, the mechanical shaft seal offers high-wear resistance and a long operating life.

Thermal overload protection

The single-phase version is effectively protected against any accidental overload, by built-in thermal protection. This means that no additional motor protection is required.

Handy and easily transportable

The carry handle mounted on the pump housing makes it handy and easily transportable.

Option for automatic operation

The pumps are available with float switches for automatic on/off operation.

Operating Conditions

Liquid temperature

0 °C to 55 °C

Max. particle size

AP 35 - Ø35 mm

AP 50 - Ø50 mm

pH concentration

4 to 10

Max. installation depth

10 m

Technical Data

Mains voltage

1 x 240 V, 50 Hz

Enclosure class

IP68

Insulation class

F

Cable type

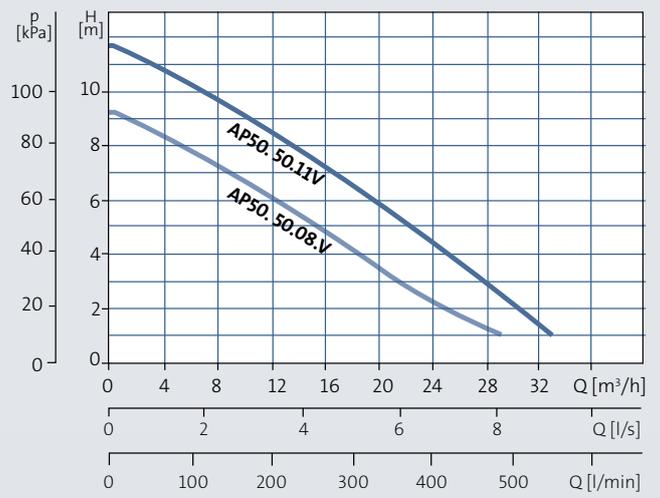
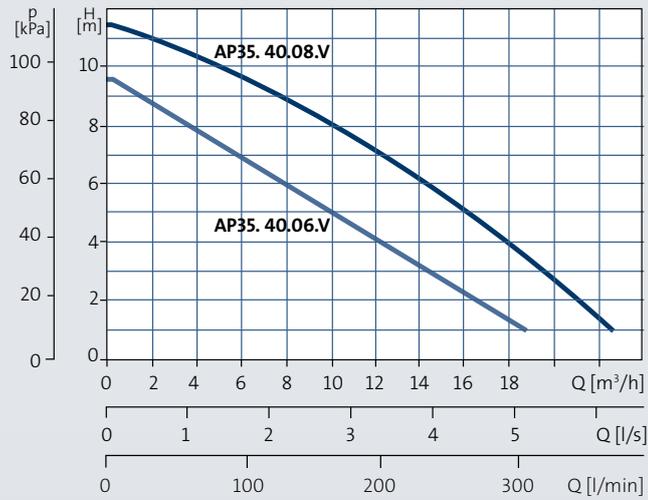
H07RN-F

Approvals and markings

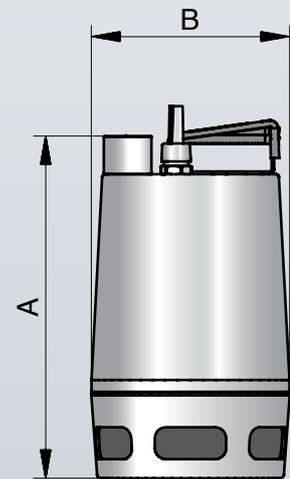
VDE, LGE, UL and CSA



Performance



Dimensions



Model	Cable length (m)	Power - P2 (kW)	Connection size	Dimensions (mm)		Weight (kg)
				A	B	
Unilift AP35.40.06	10	0.6	1½" F	376	216	11.4
Unilift AP35.40.08	10	0.8	1½" F	410	216	12.7
Unilift AP50.50.08	10	0.8	2" F	436	241	15.1
Unilift AP50.50.11	10	1.1	2" F	436	241	15.1



UNILIFT AP 35B & 50B



UNILIFT AP Basic pumps are single-stage pumps with a vortex impeller. The pumps are designed for pumping dirty water, untreated wastewater containing particles up to a size of Ø50 mm, depending on the pump size. All UNILIFT AP Basic pumps are made of stainless steel with a composite baseplate. The UNILIFT AP Basic range is designed for submerged operation, either free-standing or on the base plate. In addition the pumps are suitable for installations on auto couplings, which allows easy access to the pump for maintenance and other purposes. All UNILIFT AP Basic pumps can be supplied with or without float switch, for automatic or manual operation.



Features

Robust design

The materials of the pump ensure excellent corrosion resistance. The pump housing and impeller are made of high quality stainless steel. Furthermore, the mechanical shaft seal offers high-wear resistance and a long operating life.

Thermal overload protection

The single-phase version is effectively protected against any accidental overload by built-in thermal protection. This means that no additional motor protection is required.

Option for automatic operation

The pumps are available with float switches for automatic on/off operation.

Auto coupling

UNILIFT AP Basic pumps are suitable for installation on an auto coupling at the bottom of a collecting tank with guide rails going to the top. A guide rail system is available from Grundfos as an accessory.

Operating Conditions

Liquid temperature

0 °C to 40 °C

Max. particle size

AP35 - 35 mm and AP50 - 50 mm particle size

pH concentration

4 to 10

Max. installation depth

7 m

Technical Data

Mains voltage

1 x 240 V, 50 Hz
3 x 415 V, 50 Hz

Enclosure class

IP68

Insulation class

F

Cable type

H07RN-F

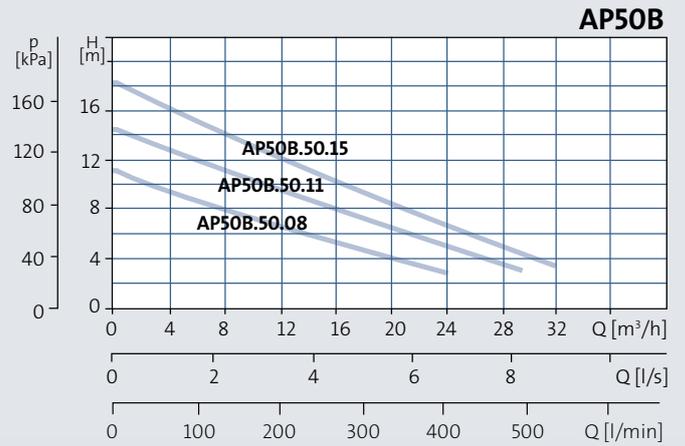
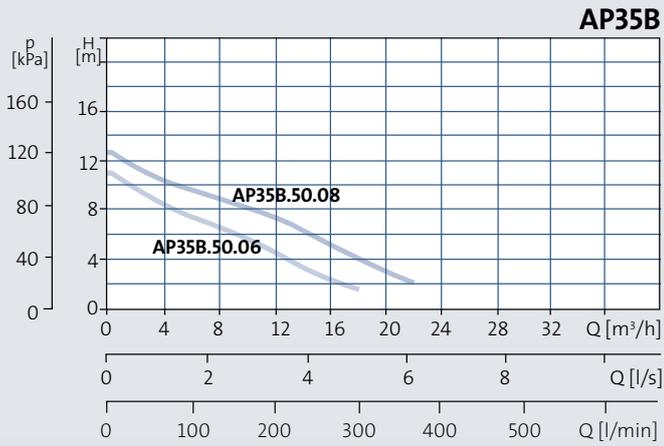
Approvals and markings

VDE, LGE, UL and CSA

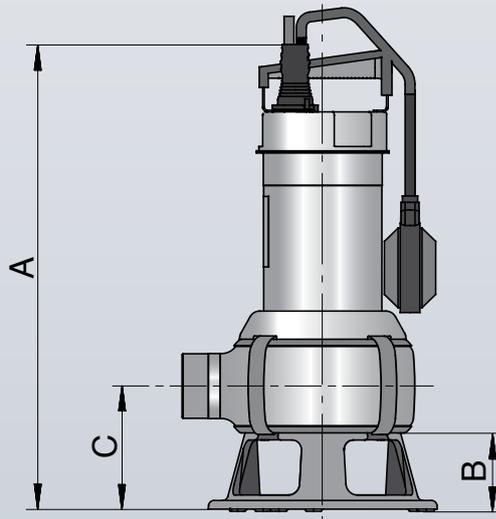


UNILIFT AP 35B & 50B

Performance



Dimensions



Model	Cable length (m)	Power (kW)	Connection size	Dimensions (mm)			Weight (kg)
				A	B	C	
Unilift AP35B-50.06-A1V	10	0.66	2" F	443	73	116	10.3
Unilift AP35B-50.08-A1V	10	0.71	2" F	468	73	116	11.8
Unilift AP50B.50.08.A1V	10	0.74	2" F	468	73	116	10.1
Unilift AP50B.50.11.A1V	10	1.1	2" F	468	73	116	10.2
Unilift AP50B.50.11.3V	10	1.3	2" F	468	73	116	9.7
Unilift AP50B.50.15.3V	10	1.5	2" F	468	73	116	10

