UNILIFT AP 35B & 50B

The BasicLine by Grundfos 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.

2 YEAR WARRANTY

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

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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