

APPLICATIONS

Unilift CC are multi-purpose submersible drainage pumps designed to handle clean water, groundwater and grey wastewater with particles up to 10mm.

It must be completely or partly submerged in the liquid.

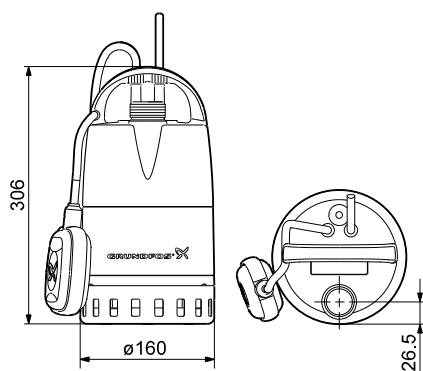
FEATURES

- Low-suction ability - down to 3mm when the strainer is removed
- Self venting valve in the pump allows for optimal operation
- Adaptor for easy connection and non-return valve included
- Easy float switch adjustment to control start/stop levels
- Ceramic shaft seal with triple seals for efficient motor protection
- Includes built-in thermal overload protection

CONSTRUCTION

- Composite and stainless steel materials
- Robust stainless steel strainer, which allows free passage for particles up to 10mm
- Ceramic seal
- IP68 motor, Class B

DIMENSIONS



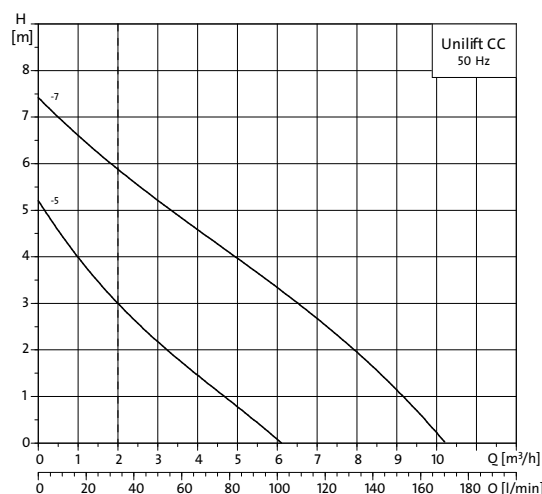
TECHNICAL FEATURES

Pumps	Cable (m)	P1 (kW)	1 ph In (A)	Water temp (°C)	Outlet	Dimensions (mm)		Weight (kg)	l/min						
						H	B1			0	30	60	90	120	150
Unilift CC5 A1	10	0.25	1	0/40	1 1/4" M	306	160	4.3	m Head	5.2	3.2	1.8	0.5	-	-
Unilift CC7 A1	10	0.38	1.8	0/40	1 1/4" M	306	160	4.6	m Head	7.4	6.1	4.8	3.8	2.6	1.1

*70°C max. for 2 minutes at intervals of at least 30 minutes.

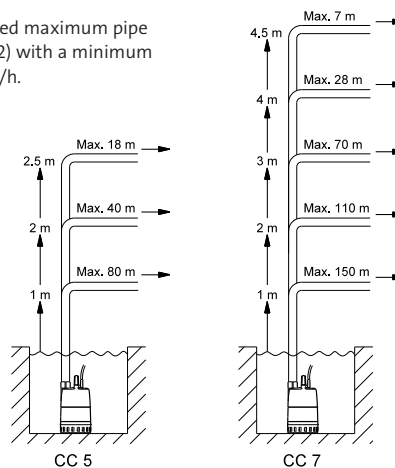


2 YEAR WARRANTY



PERFORMANCE

Recommended maximum pipe length (DN32) with a minimum flow of 2 m³/h.

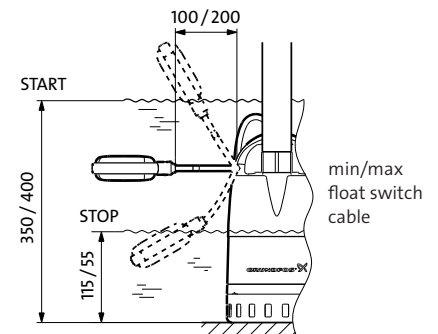
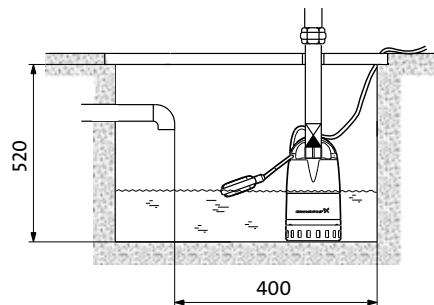


Installation depth: maximum of 10m below the water level.

INSTALLATION

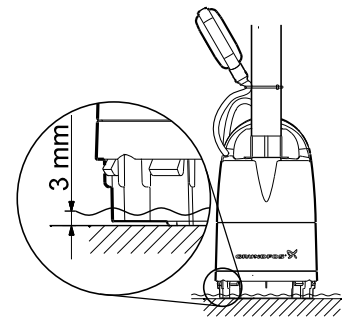
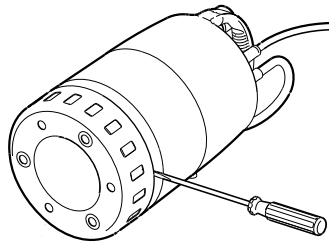
SPACE REQUIREMENTS

The pumps are supplied with 10 metres of cable. If the pump is installed in a pit, the minimum dimensions must be as in the drawing. The UNILIFT CC is equipped with a float switch with adjustable cable length.



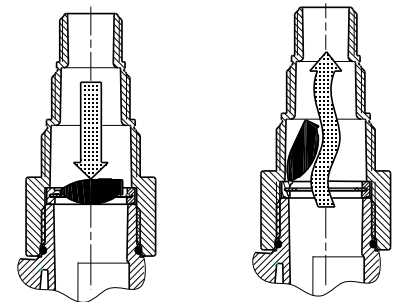
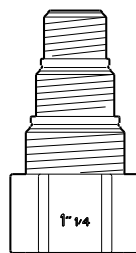
LOW SUCTION

It is possible to obtain low suction by removing the suction strainer with a screwdriver. This makes the pump capable of pumping down to a liquid level of 3mm. The self-prime level is 5mm.



COMPONENTS INCLUDED

The pump is delivered with an adapter for connection and a non-return valve. The adapter has $\frac{3}{4}$ ", 1" and 1 $\frac{1}{4}$ " external threads. The adapter has to be cut to fit the actual discharge pipe. The non return valve can be fitted in the adapter. It prevents backflow when the pump is stopped.



APPLICATIONS

KP and AP12 pumps are portable, multipurpose, submersible stainless steel pumps for the transfer of clear, non-aggressive water, slightly soiled water and wastewater. These pumps work equally well automatically and manually and are designed for either fixed installation or mobile use.

- Lifting wastewater from washing machines, showers, wash basins, located below the drain pipe
- Drainage of flooded cellars, sumps etc
- Drainage or filling of swimming pools or tanks
- Transfer of liquids in agriculture, horticulture and industry
- Pumping water from shallow wells

FEATURES

- Compact design
- Stainless steel construction (AISI 304)
- Wide range, with automatic and manual versions. KP available with a standard float (A1) or a vertical float (Niro).
- Easy maintenance of the strainer and power/float cable

CONSTRUCTION

- Semi-open impeller
- IP68 motor
- Insulation Class F
- 1 x 240 V pumps include capacitor and thermal overload protection
- 3 x 415 V automatic pumps (A3) include control box with contactor, overload and 10 m float switch
- 3 x 415 V manual pumps (3) require a starter incorporating correct motor overload protection

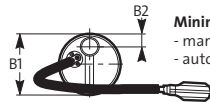
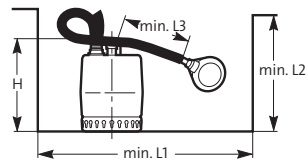
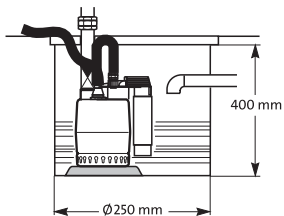
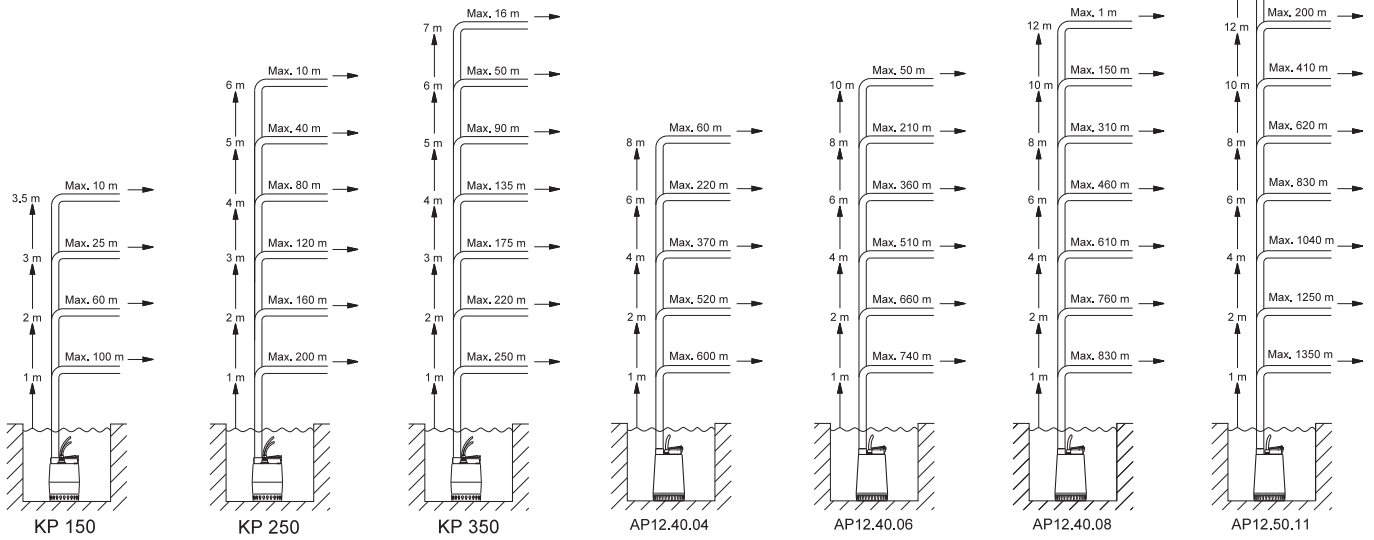
TECHNICAL FEATURES

Pumps	Cable (m)	P2 (kW)	1 ph In (A)	3 ph In (A)	Water temp (°C)	Outlet	Dimensions (mm)					l/min m³/h	0	50	100	150	200	300	400	500
							H	B1	L1	L2	L3		0	3	6	9	12	18	24	30
Unilift KP 150	5	0.14	1.3	no	0/50	1 ½"F	225	149	350	400	70		5.2	3.9	2.7	-	-	-	-	-
Unilift KP 250	5	0.25	2.2	no	0/50	1 ½"F	225	149	350	400	70		7.5	6.7	5	2.8	-	-	-	-
Unilift KP 350	5	0.35	3.2	no	0/50	1 ½"F	235	149	350	410	70		9	7.9	6.7	5.1	2.9	-	-	-
Unilift AP12-40-04	10	0.4	3	1.2	0/55	1 ½"F	321	216	550	600	100	m Head	10.7	9.6	8.5	7.1	5.4	1.3	-	-
Unilift AP12-40-06	10	0.6	4.4	1.6	0/55	1 ½"F	321	216	550	600	100		12.9	11.9	10.7	9.2	7.5	3.4	-	-
Unilift AP12-40-08	10	0.8	5.9	2.1	0/55	1 ½"F	346	216	550	600	100		14.5	13.5	12.4	11.1	9.6	5.8	0.8	-
Unilift AP12-50-11	10	1.1	8.5	-	0/55	2"F	357	241	550	600	100		16	15.2	14.3	13.2	12.1	9.5	6.6	3.5
Unilift AP12-50-11	10	1.1	-	3.2	0/55	2"F	357	241	550	600	100		16.7	15.9	15	14	12.9	10.4	7.4	4.2

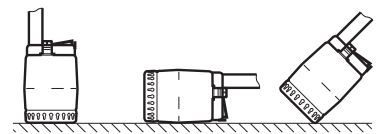
*70 °C max. for 2 minutes at intervals of at least 30 minutes.



DIMENSIONS / INSTALLATION



Minimum level of liquid:
 - manual operation: 14 mm
 - automatic operation: 100 mm



Installation depth: maximum of 10 m below the water level.



APPLICATIONS

The AP35 and AP50 pumps are submersible pumps, specially designed for pumping wastewater and domestic sewage or any other non-aggressive liquid containing solid matter up to 50 mm.

They can be used as a fixed or mobile installation, vertically or horizontally (discharge outlet facing up).

- Lifting domestic wastewater from washing machines, toilets etc
- Draining sumps
- Agricultural and industrial transfer of liquids

FEATURES

- Single-phase models supplied with float switch
- Motor cooling provided in all conditions by cooling jacket
- Solid handling capacity: 35 mm for AP35 and 50 mm for AP50
- Easy service of power cable and float
- Pumped liquid temperature up to 70 °C, for limited operating period (2 minutes per 30 minute period)

CONSTRUCTION

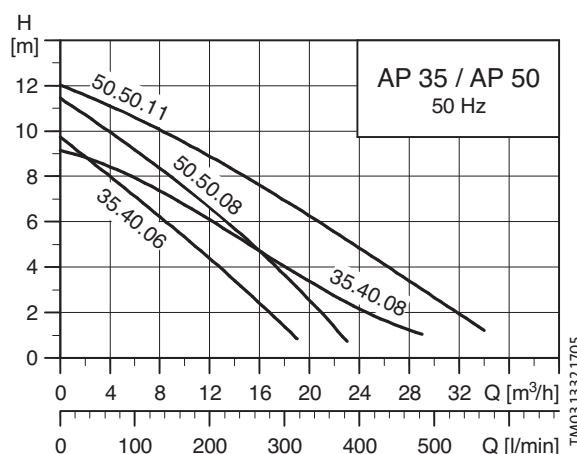
- Stainless steel volute, pump housing and impeller
- IP68 motor
- Insulation Class F
- Semi-open vortex impeller
- Silicon carbide mechanical seal (AP35)
- Tungsten carbide mechanical seal (AP50)
- Voltage: 1 x 240 V with float switch (A)

TECHNICAL FEATURES

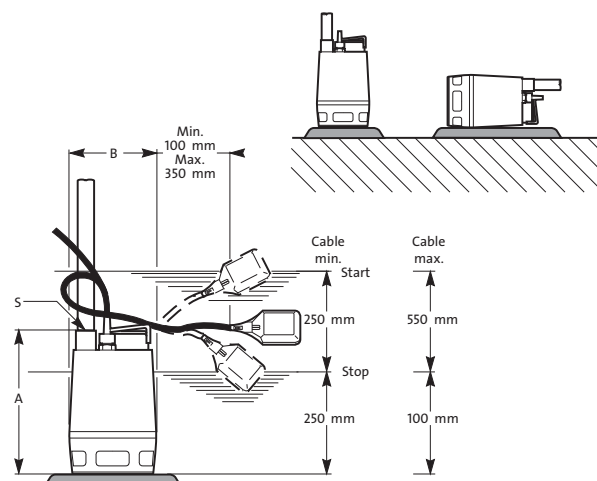
Pumps	Cable (m)	P2 (kW)	1 ph In (A)	Water temp (°C)	Outlet	Dimensions (mm)		l/min m³/h	0	100	200	300	400	500
						A	B		0	6	12	18	24	30
Unilift AP35-40-06-A1	10	0.6	4	0/55	1 ½" F	376	216	m Head	9.7	7.1	4.4	1.4	-	-
Unilift AP35-40-08-A1	10	0.7	5.5	0/55	1 ½" F	410	216		11.4	9.2	6.6	3.6	-	-
Unilift AP50-50-08-A1	10	0.8	5.9	0/55	2" F	436	241		9.1	7.9	6.1	4.0	2.2	-
Unilift AP50-50-11-A1	10	1.1	8	0/55	2" F	436	241		11.8	10.2	8.3	6.3	4.2	2.0



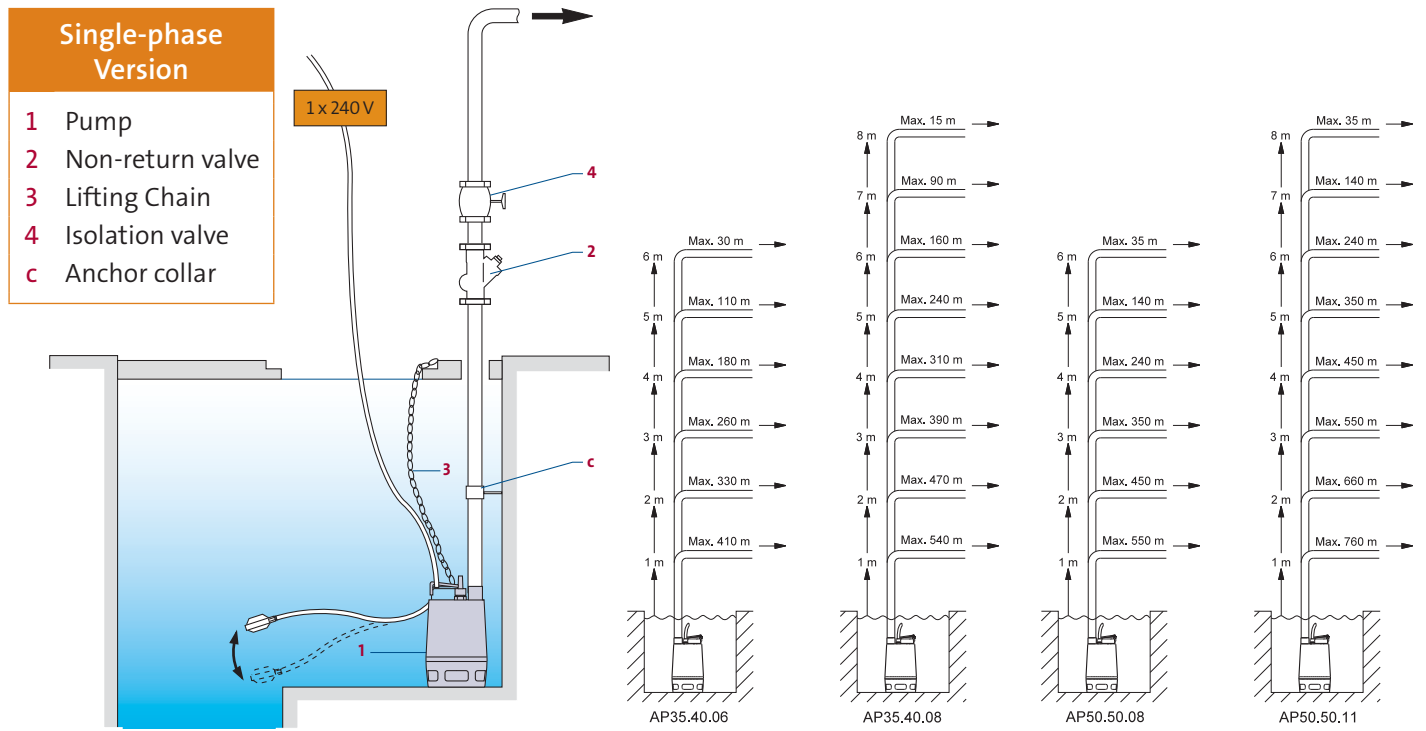
2 YEAR WARRANTY



DIMENSIONS / INSTALLATION



Installation depth: max. 10 m below the water level.



APPLICATIONS

The AP35B and AP50B submersible pumps are specially designed for lifting domestic sewage or any other non-aggressive liquid containing solid matter up to 50 mm. They can be installed vertically or horizontally.

FEATURES

- Single-phase models supplied with float switch and standard electric plug
- Auto Coupling available as an accessory for installation on a guide bar enabling positioning/removal of the pump from outside the hole
- Solid handling capacity: 35 mm for AP35B and 50 mm for AP50B
- Unique clip assembly system enabling immediate access to the impeller without disassembly tools
- Easy service of the power cable and float

CONSTRUCTION

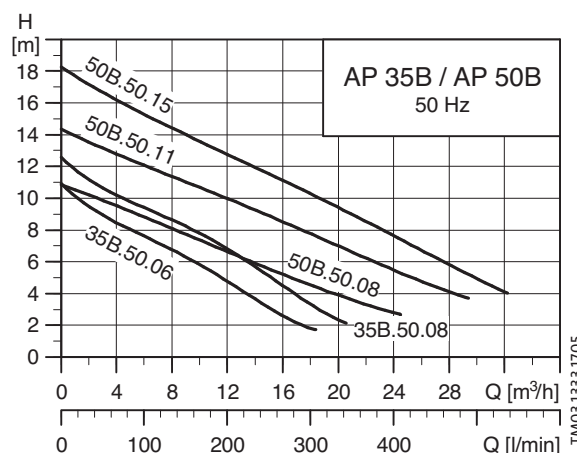
- Stainless steel volute, pump housing and impeller
- IP68 motor
- Insulation Class F
- Vortex impeller
- Silicon carbide mechanical seal
- Voltage: 1 x 240 V with float switch (A1) or 3 x 415 V

TECHNICAL FEATURES

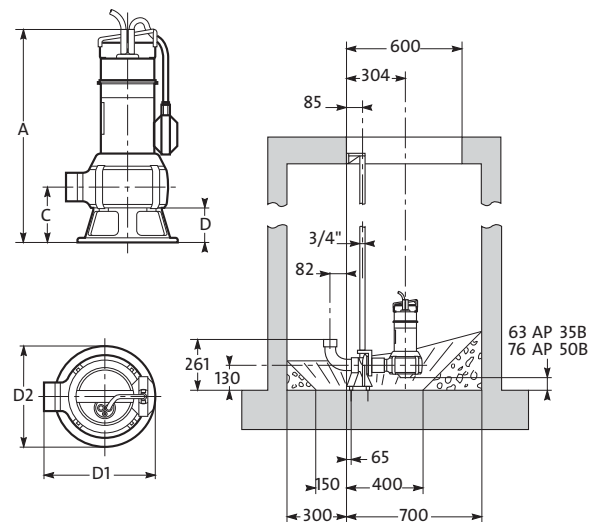
Pumps	Cable (m)	P2 (kW)	1 ph In (A)	3 ph In (A)	Water temp (°C)	Outlet	Dimensions (mm)					l/min m³/h	0	100	200	300	400	500
							A	C	D	d1	d2		0	6	12	18	24	30
Unilift AP35B-50-06-A1	10	0.66	4	-	0/40	2"F	443	116	73	234	210	m Head	10.5	7.4	4.5	1.7	-	-
Unilift AP35B-50-08-A1	10	0.71	5.5	-	0/40	2"F	468	116	73	234	210		12.5	9.4	6.8	3.4	-	-
Unilift AP50B-50-08-A1	10	0.74	5.4	-	0/40	2"F	443	116	73	234	210		11.0	8.9	6.7	4.5	2.8	-
Unilift AP50B-50-11-A1	10	1.1	8	-	0/40	2"F	468	116	73	234	210		14.0	11.5	9.5	7.2	4.9	-
Unilift AP50B-50-11-3	5	1.3	-	2.8	0/40	2"F	468	116	73	234	210		14.3	12.1	10.0	7.8	5.5	-
Unilift AP50B-50-15-3	5	1.5	-	3	0/40	2"F	468	116	73	234	210		18.3	15.2	12.8	10.2	7.6	5.0



2 YEAR WARRANTY



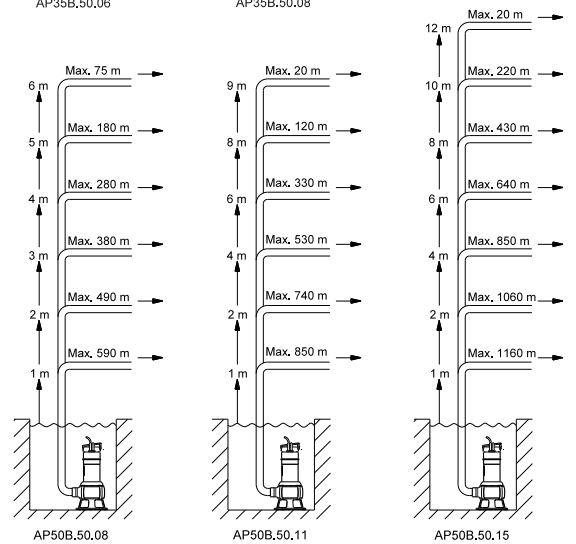
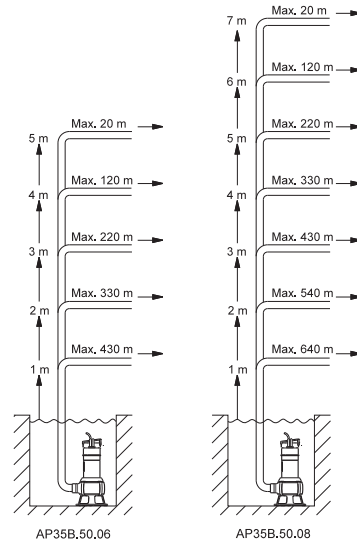
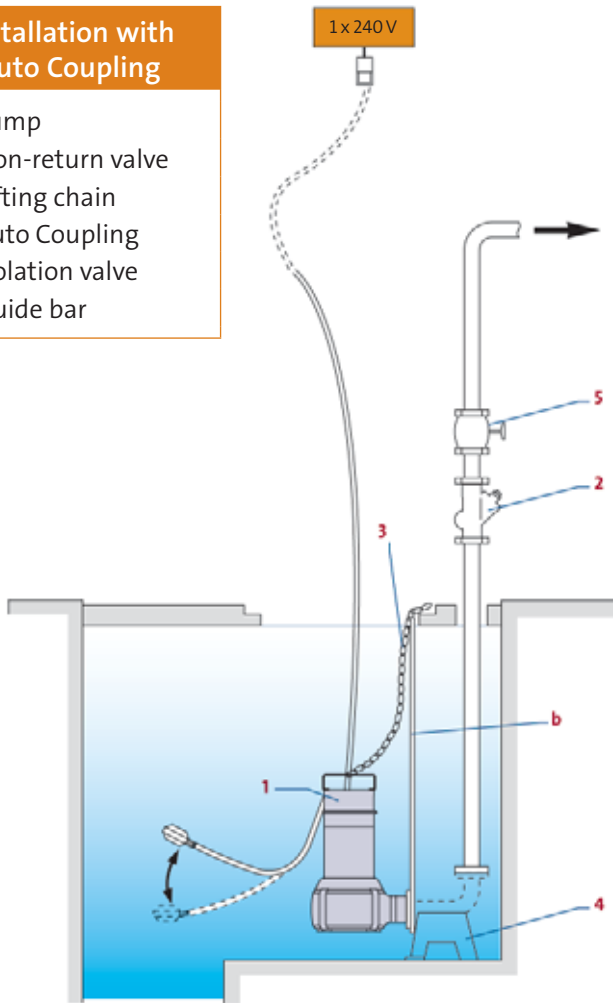
DIMENSIONS / INSTALLATION



Installation depth: max. 10 m below the water level.
In continuous operation the pump must be continuously submerged.

Installation with Auto Coupling

- 1 Pump
- 2 Non-return valve
- 3 Lifting chain
- 4 Auto Coupling
- 5 Isolation valve
- b Guide bar



APPLICATIONS

Ideal for emptying ponds, fountains, swimming pools, for pumping water from septic tanks and for drainage jobs in and around home and garden.

FEATURES

- Float switch for automatic pump operation
- Easy to handle
- Built-in thermal protection (1 x 240 V)
- KPB Vortex 330 handles particles up to 25 mm.

CONSTRUCTION

- Technopolymer pump body and impeller
- Submersible motor 1 x 240 V, IP68, Class F, with built-in overload protection and capacitor.

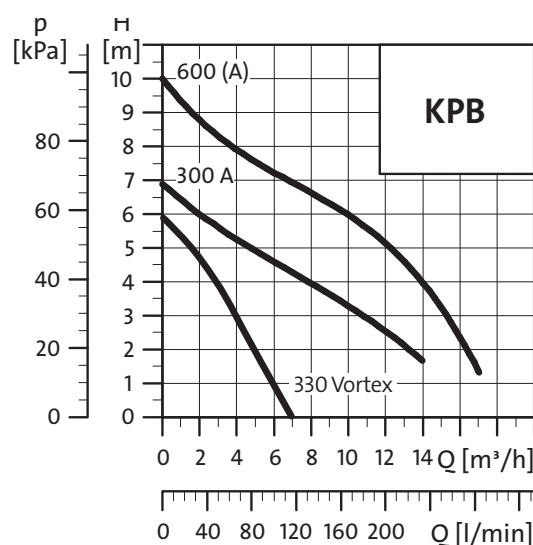


TECHNICAL FEATURES / PERFORMANCE

Pumps	Cable (m)	P2 (kW)	1 ph In (A)	Water temp (°C)	Outlet	Dimensions				Weight (kg)	I/min	0	50	100	150	200	250
						A	B	D	H		m³/h	0	3	6	9	12	15
KPB300A	5	0.22	1.5	0/35	1 1/4" F	185	140	225	275	4.5	m/Head	7	5.5	4.6	3.7	2.5	-
KPB600A	5	0.55	3.4	0/35	1 1/4" F	200	160	225	376	6.7		10	8.3	7.2	6.3	5.2	3.3
KPB Vortex 330	5	0.18	0.9	0/40	1 1/4" F	205	165	250	300	4.5		6	4	1	-	-	-



KPB 600A, KPB300A and KPB Vortex 330



TM02 9832 5004

DIMENSIONS

