

Multi-purpose Submersible drainage pumps

Lightness and strength

The Grundfos Unilift CC pumps are the latest addition to Grundfos extensive wastewater range, representing our continued commitment to bringing you the best wastewater pumps for use in and around buildings



Applications

- Washing machines, baths, sinks, etc. from low-lying parts of buildings up to sewer level
- Cellars or buildings prone to flooding
- Draining wells
- Wells for surface water with inlets from roof gutters, pits, tunnels, etc.
- Swimming pools, ponds or fountains

Pumped liquids

The pumps are suitable for:

- Clean, non-aggressive water
- Slightly dirty (grey) wastewater

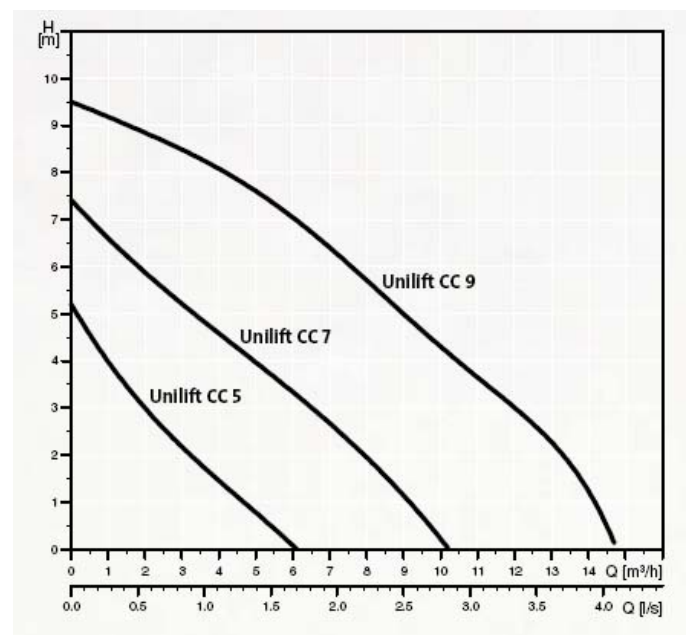
The pumps are **not** suitable for:

- Liquid containing long fibres
- Inflammable liquids (oil, petrol, etc.)

If the pump has been used for other liquids than clean water, it should be flushed through with clean water immediately after use.



Performance overview



Installation

Operating Conditions

Liquid temperature 0°C to +40°C.
However, at intervals of at least 30 minutes, the pump is allowed to run at maximum +70°C for periods not exceeding two minutes.

Installation

The pump can be used in the vertical position as well as in the tilted or horizontal with the discharge port as the highest point of the pump. The suction strainer must be covered by the pumped liquid.

Installation depth

Maximum 10 metres below the water surface.

Adjustment of cable length for float switch

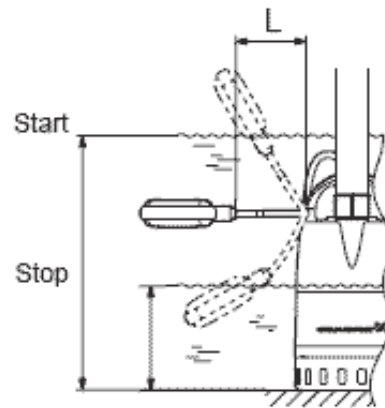
The different in level between start and stop can be adjusted by changing the free cable length between the float switch and the pump handle.

- Increasing the free cable length results in fewer starts/stops and a large different in level.
- Reducing the free cable length results in more starts/stops and a small different in level.

In order for the float switch to start and stop the pump, the free cable length must be minimum 100 mm and maximum 200 mm.

Features and benefits

- Low suction ability down to 3 mm
- Robust stainless steel strainer
- Ceramic shaft seal and extra V-ring lip seal (CC 7 and 9) prolongs pump life
- Hermetically sealed cable inlet
- Non-return valve included
- Discharge adaptor included
- Integrated thermal overload protection
- Integrated ventilation valve
- Easy Installation
- Reliable operation
- Low suction ability leaves the floor dry
- Easy maintenance
- Long lifetime
- Light and portable – composite/stainless steel
- Pump can be completely or partly submerged



Technical Data

	Unilift CC 5	Unilift CC 7	Unilift CC 9
Max. particle size	10	10	10
Max. flow (m ³ /h)	6	10	14
Max. head (m)	5	7	9
Dimensions (mm)	160 x 306	160 X 306	160 X 341.5
Power consumption (W)	240	380	780
Weight (kg)	4.35	4.60	6.5
Cable type, 10m	H05RN-F 3G0, 75	H07RN-F 3G1	H07RN-F 3G1
Approvals	CE, VDE, GS, EMV, GOST	CE, LGA, VDE, GS, EMV, GOST	CE, LGA, VDE, GS, EMV, GOST
Phases	1	1	1
Frequency (Hz) A	50	50	50
Voltage (V) A	220 – 240	220 – 240	220 – 240
Max. installation depth (m)	10	10	10
Insulation class	B	F	B
IP class	68	68	68
Max. liquid temperature, °C	40 (70° 2 MIN)	40 (70° 2 MIN)	40 (70° 2 MIN)
Discharge connection, external thread	1.1/4"	1.1/4"	1.1/4"