

### About Grundfos

Grundfos has developed and produced high-quality industrial pumps for more than half a century. Every solution is backed by decades of solid know-how and a desire to push the boundaries for innovative pump technology – and naturally provides reliable, efficient performance.

Grundfos supplies pumping, dosing and disinfection solutions for each stage of the water treatment cycle and is able to offer tailored solutions for the entire water treatment process.

Other relevant products might be:

- SOLOLIFT
- CM Booster
- UP

As a truly global company, Grundfos offers you easy access to sales, support and service professionals in 56 countries around the world. Wherever you are based, extensive pump and pump application know-how will be available to you in your local language.

Explore the complete Grundfos portfolio at [www.grundfos.com](http://www.grundfos.com).

# Add high performance and reliability to your drainage jobs

Grundfos The Unilift CC Drainage Pumps



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Possibility in every drop

## The Unilift CC drainage pumps

### Meet any domestic job with a flexible solution

The improved range of Unilift CC drainage pumps combines Grundfos' renowned quality and reliability with unique new features, including a horizontal outlet. The dual outlet option makes installation more flexible and replacement even easier than before.

The Unilift CC range comprises three single-stage submersible pumps: The CC 5, the CC 7 and the CC 9. Ideal for standard drainage jobs the pumps are able to effortlessly pump down to a water level of just 3 mm – and are equally suitable for portable usage and permanent installation.

The pumps are designed for pumping rainwater and grey wastewater from:

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

#### Pumped liquids

The Unilift CC pumps are suitable for the following liquids:

- Clean, non-aggressive water
- Slightly dirty (grey) wastewater
- EN 1.4401 version available for slightly aggressive liquids

To further ensure trouble-free operation, the pumps allow free passage of particles up to Ø10 mm.

#### Unilift CC components

The Unilift CC pump sleeve is made of composite material cast in one piece with a 1 1/4" external pipe thread (G) discharge connection. A slot on the handle holds the float switch cable. The main cable and the float switch cable are inserted into the pump sleeve through hermetically sealed cable entries to increase motor protection.

The suction strainer is fitted to the sleeve by giving it a light push. The water enters the pump through the holes of the suction strainer to prevent the passage of large solids. The large holes also ensure a slow flow into the pump. Suction to low water level is obtained by removing the strainer, which is easily done by means of a screwdriver or similar tool.

The CC drainage pump is supplied with an adapter with 3/4", 1" and 1 1/4" external threads. These must be cut to fit the discharge pipe. A non-return valve, which is also supplied, can be fitted in the adapter to prevent backflow through the pump when it stops. The pump also comes with a blind cap and a 90° elbow.

#### Motor

The Unilift CC pump is equipped with a single-phase, asynchronous, dry-rotor motor. The axial rotor position is secured by means of a ball bearing. The motor is cooled by the pumped liquid and features automatic overload protection, turning off the motor in case of overload. When cooled to normal temperature, the motor will restart automatically.

#### Approvals

The Unilift CC range comes with the following approvals: VDE, GOST/EAC and LGA according to DIN EN 12050-2.

#### Technical Data

Motor	Insulation class	Enclosure class
Unilift 5	B	IP68
Unilift 7	F	IP68
Unilift 9	B	IP68

Component	Material
Motor sleeve	PP 15GF
Pump sleeve	PP 15GF
Impeller	PP 20GF
Suction strainer	Stainless steel EN1.4301
V-ring	NBR 50
O-ring	NBR 70
Cable	H05RN-F 3G0.75 (CC5) H07RN-F3G1 (CC7-CC9)

#### Dual outlet

The new dual outlet of the Unilift CC pumps translates into a number of benefits:

- Easy installation
- Easy replacement
- Fits on auto-coupling



### Performance curve 50/60 Hz

When using horizontal outlet pressure will drop 3-5%.

