UNILIFT CC 5, CC 7, CC 9

50 and 60 Hz

Installation and operating instructions

GRUNDFOS

UNILIFT CC 5, CC 7, CC 9

English (GB)

Installation and operating instructions 4
EU decl. of conformity, UNILIFT CC 18
Moroccan decl. of conf., UNILIFT CC 19
EU decl. of performance, UNILIFT CC. 21

Original installation and operating instructions

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1. General information

This appliance shall not be used by children.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be carried out by children.

Appliances can be used by persons with reduced physical, sensory, or mental capabilities, as well as persons with a lack of experience and knowledge. This requires that they are given supervision or instruction concerning the use of the appliance in a safe way and that they understand the hazards involved.

Read this document before you install the product. Installation and operation must comply with local regulations and accepted codes of good practice.

1.1 Hazard statements

The symbols and hazard statements below may appear in Grundfos installation and operating instructions, safety instructions and service instructions.

DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious personal injury.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious personal injury.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate personal injury.

The hazard statements are structured in the following way:

SIGNAL WORD

Description of the hazard

Consequence of ignoring the warning

- Action to avoid the hazard.

1.2 Notes

The symbols and notes below may appear in Grundfos installation and operating instructions, safety instructions and service instructions.

Observe these instructions for explosion-proof products.

A blue or grey circle with a white graphical symbol indicates that an action must be taken.

A red or grey circle with a diagonal bar, possibly with a black graphical symbol, indicates that an action must not be taken or must be stopped.

If these instructions are not observed, it may result in malfunction or damage to the equipment.

Tips and advice that make the work easier.

2. Product introduction

2.1 Product description

The Grundfos UNILIFT CC 5, CC 7 and CC 9 pumps are single-stage submersible pumps designed for pumping rainwater and grey wastewater without fibers. The pumps are self-venting and incorporate a vent valve.

The pumps are designed for manual or automatic operation.

The UNILIFT CC pumps are available with or without a float switch. If supplied with a lever arm, the pump can be installed in a narrow pit.

Pump with a float switch

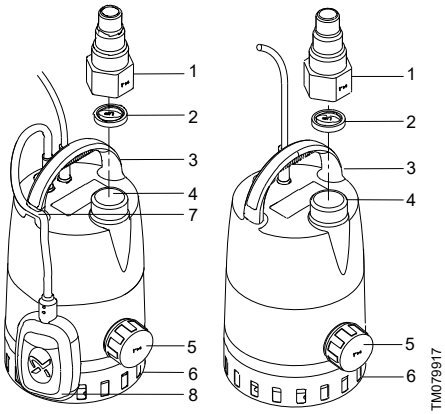
With a float switch installed:

- The pump automatically starts and stops according to the level of the pumped liquid.
- The pump can pump to a low water level during forced operation when the inlet strainer is removed.

Pump without a float switch

Without a float switch:

- The pump requires manual external start and stop.
- The pump can pump to a low water level when the inlet strainer is removed.



Pump with and without a float switch

Pos.	Description
1	Adapter
2	Non-return valve
3	Lifting handle
4	Top outlet port

Pos.	Description
5	Side outlet port and plug The side outlet port is plugged from factory.
6	Inlet strainer
7	Clamp
8	Float switch

2.2 Intended use

Grundfos UNILIFT CC 5, CC 7 and CC 9 pumps are designed for both stationary and portable use. Typical applications are pumping rainwater and grey wastewater from sources such as the following:

- washing machines, baths, sinks, etc. from low-lying parts of buildings up to sewer level
- cellars or buildings prone to flooding
- drainage wells
- tanks for surface water with inlets from roof gutters, pits, tunnels, etc.
- swimming pools, ponds or fountains.

UNILIFT CC 5 is for indoor use only. UNILIFT CC 7 and CC 9 are suitable for both indoor and outdoor use.

2.3 Pumped liquids

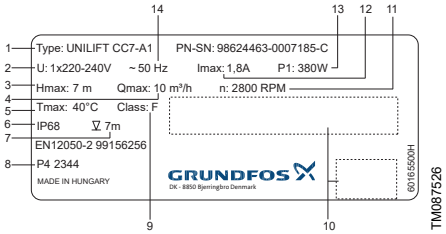
Grundfos UNILIFT CC 5, CC 7 and CC 9 pumps are designed for pumping rainwater and grey wastewater without fibres.

The pump is not suitable for the following liquids:

- liquids containing long fibres
- inflammable liquids, such as oil and petrol
- aggressive liquids.

2.4 Identification

2.4.1 Nameplate



Example of nameplate

Pos.	Description
1	Pump type
2	Supply voltage
3	Max. head
4	Max. flow rate
5	Max. liquid temperature during continuous operation
6	Enclosure class
7	Max. installation depth
8	Production code (year and week)
9	Motor insulation class
10	Approvals
11	Max. speed
12	Max. current
13	Max. power consumption
14	Frequency

2.4.2 Type key

Example: UNILIFT CC.9.A1.HG

Code	Description
UNILIFT	Type range
CC	Type
5 7 9	Max. head [m]
A1 - automatic operation M1 - manual operation	Level control
[-] - standard GA - Guided arm version HG - high grade material	Special variant

3. Installation requirements

Observe local regulations setting limits for manual lifting or handling.

CAUTION
Minor or moderate personal injury
- Wear safety shoes when handling the product.

Make sure that the system in which the pump is incorporated is designed for the maximum pump pressure.

The pump has been evaluated for use with water only.

3.1 Location

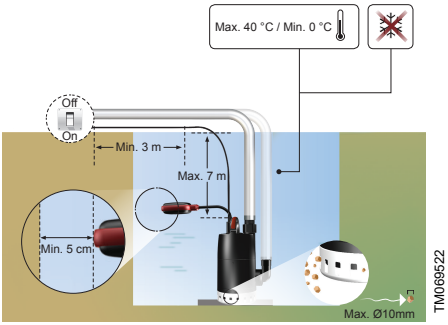
UNILIFT CC 5, CC 7 and CC 9 pumps are suitable for both stationary and portable use.

Pump type	Location	Length of cable [m]
UNILIFT CC 5	Indoors	5
UNILIFT CC 7	Indoors and outdoors	10
UNILIFT CC 9		

UNILIFT CC 5 is intended for indoor use only.

A product that is not indicated to be protected against freezing shall not be left outside in freezing weather conditions.

Make sure that there are minimum 3 m free cable above the liquid level. This limits the maximum installation depth to 7 m for pumps with 10 m cable and to 2 m for pumps with 5 m cable.



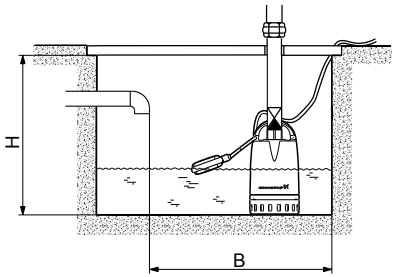
Location of pump

3.1.1 Minimum space

Pumps installed without float switch require space that corresponds to the physical dimensions of the pump.

Minimum space with float switch

Pumps installed with float switch require 5 cm free space between the float switch and the wall. The free space ensures free movability of the float switch.



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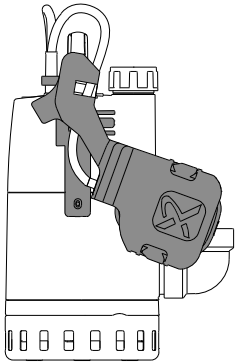
Minimum pit dimension with float switch:

Pump type	Height (H) [mm] (top outlet port)	Height (H) [mm] (side outlet port)	Width (B) [mm]
UNILIFT CC 5	520	350	400
UNILIFT CC 7			
UNILIFT CC 9	570	400	500

Minimum space with lever arm

If supplied with a lever arm, the UNILIFT CC pump can be installed in a narrow pit.

The minimum dimensions for a narrow pit are 300 × 350 mm.



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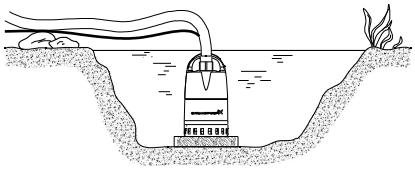
UNILIFT CC with lever arm

4. Mechanical installation

4.1 Foundation

Place the pump on a plate or on bricks so that the inlet strainer is free of silt, mud or similar materials.



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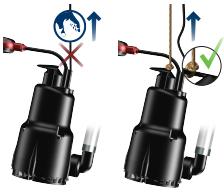
Pump mounted on a plate

4.2 Lifting the product

Lift the pump by the lifting handle. Never lift the pump by the power cable. Tie a rope to the lifting handle instead.



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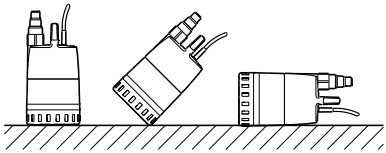
Lifting the pump

4.3 Positioning the product

The pump can be placed in three positions: vertical, tilted or horizontal. The outlet port must always be the highest point of the pump. During operation, the inlet strainer must be covered by the pumped liquid to ensure efficient cooling.



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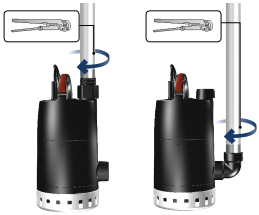
Pump positions

4.4 Connecting the outlet pipe

1. Connect the outlet pipe to the pump outlet port on the top or the side with an adapter. Use the 90° adapter for the side outlet port.



TM069523

Connecting the outlet pipe

2. Cut off the adapter so that it matches the outlet pipe diameter.

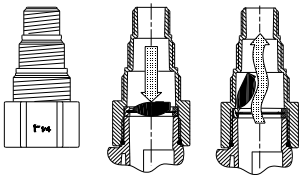
   The adapter enables connection of a pipe or hose matching 3/4", 1" and 1 1/4" external pipe thread (G). The approval according to DIN EN 12056-4 stipulates that the outlet pipe from the fixed installation must be connected directly to the pump outlet port. If the adapter supplied with the pump is to be used, cut off the 3/4" and 1" sockets.

3. If a system gasket is used between the outlet pipe and the adapter, ensure that the cut-off adapter has an even and smooth surface.

4.5 Connecting the non-return valve

To prevent backflow through the pump when it stops, fit the non-return valve supplied in the adapter in the following way:

1. Fix the non-return valve by fitting the adapter to the top outlet port on the pump.



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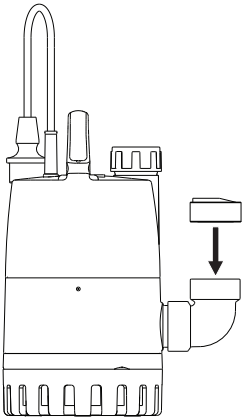
Adapter position and non-return valve function

4.6 Using the side outlet port

If you want to use the side outlet port, proceed as follows:

1. Remove the non-return valve and adapter from the top outlet port.
2. Remove the side plug and screw it on the top outlet port.
3. Fit the 90° bend adapter in the side outlet port. Use thread sealing tape or similar material.
4. Fit the non-return valve in the vertical part of the 90° bend.
5. Connect the outlet line directly to the outlet port.

Position the non-return valve in the vertical part of the 90° bend. If positioned in the horizontal part of the 90° bend, the non-return valve may not function correctly.

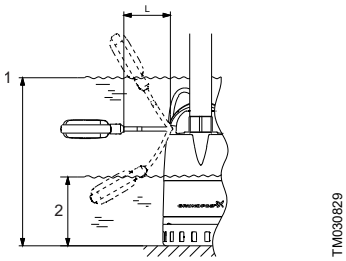


Correct position of a non-return valve

4.7 Adjusting the float switch cable length

To make sure that the float switch can start and stop the pump, the free cable length must be minimum 100 mm and maximum 200 mm. Adjust the start and stop level by changing the free cable length between the float switch and the lifting handle.

- An increased free cable length results in fewer starts and stops and a large difference in level.
- A reduced free cable length results in more starts and stops and a small difference in level.

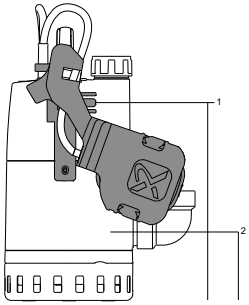


Start and stop levels with float switch at minimum and maximum cable lengths

Pos.	Description
1	Start
2	Stop
L	Cable length

Pump type	Cable length (L) min. 100 mm		Cable length (L) max. 200 mm	
	Start [mm]	Stop [mm]	Start [mm]	Stop [mm]
UNILIFT CC 5	350	115	400	55
UNILIFT CC 7	350	115	400	55
UNILIFT CC 9	385	150	435	90

4.8 Lever arm start and stop levels



Start and stop levels with lever arm

Pos.	Description
1	Start
2	Stop

Pump type	Start and stop levels with lever arm	
	Start [mm]	Stop [mm]
UNILIFT CC 5	211	89
UNILIFT CC 7	211	89
UNILIFT CC 9	247	125

5. Electrical connection

Carry out the electrical connection according to local regulations.

DANGER
Electric shock
Death or serious personal injury
- Switch off the power supply before you start any work on the product. Make sure that the power supply cannot be switched on accidentally.

DANGER
Electric shock
Death or serious personal injury
- Connect pumps without plug permanently to the fixed wiring via an external main switch with a minimum contact gap of 3 mm in all poles.

DANGER
Electric shock
Death or serious personal injury
- The pump must be earthed.
- The protective earth (PE) of the power outlet must be connected to the protective earth of the pump. The plug must have the same protective earth (PE) connection system as the power outlet. If not, use a suitable adapter if allowed by local regulations.

DANGER
Electric shock
Death or serious personal injury
- The installation must be fitted with a residual-current device (RCD) with a tripping current less than 30 mA.

DANGER
Electric shock
Death or serious personal injury
- If the pump is used for cleaning or other maintenance of swimming pools, garden ponds or similar places, make sure that the pump is supplied through a residual-current circuit breaker with a rated residual operating current of 30 mA.

DANGER
Electric shock
Death or serious personal injury

- Power cables without a plug must be connected to a supply disconnecting device incorporated in the fixed wiring according to the local wiring rules.
- If the power cable is damaged, it must be replaced by the manufacturer, the manufacturer's service partner or a similarly qualified person.

1. Ensure that the supply voltage and frequency of the installation site correspond to the values stated on the nameplate.
2. Ensure that it is possible to make a good earth connection.
3.

Option	Description
Pumps with a plug	Connect the plug to the power outlet.
Pumps without a plug	Connect the pump permanently to the fixed wiring.

6. Startup

WARNING
Flammable material
Death or serious personal injury

- Do not use the pump for flammable liquids, such as diesel oil, petrol or similar liquids.

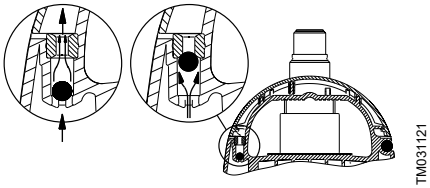
DANGER
Electric shock
Death or serious personal injury

- Do not use the pump in swimming pools, garden ponds or similar places if there are people in the water.

6.1 Venting the product

The pump is self-venting. A vent valve is built into the lifting handle. The valve allows air to escape from the pump in case the free air flow through the outlet pipe is blocked. Once the pump is vented, the valve normally closes.

If the pump sucks air or water with a high air content, the valve may leak a mixture of air and water. This is no fault but a natural consequence of the opening and closing of the valve.



Vent valve

6.2 Manual operation

Start and stop the pump via an external switch.

To eliminate the risk of dry running, water must be checked level regularly during operation. This can be performed with an external level controller.

To ensure that the pump can self-prime when started, the water level must be at least 25 mm.

When the pump sucks water, it can pump down to 20 mm water level.

6.3 Automatic operation with float switch

During automatic operation, the pump starts and stops, depending on the water level and the float switch position and cable length.

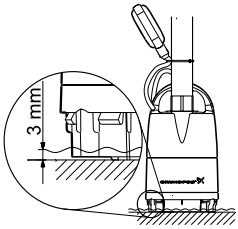
6.3.1 Forced operation of a pump with a float switch

If the pump is used to drain water below the stop level of the float switch, the float switch can be kept in a higher position by fixing it to the outlet pipe.

During forced operation, the water level must be checked regularly to prevent dry running.

6.4 Pumping to low water level

The pump can pump down to 3 mm when the inlet strainer is removed.



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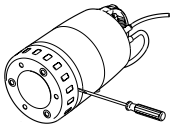
Low water level

1. To remove the inlet strainer, insert a screwdriver between the pump sleeve and the inlet strainer and turn it.



TM030831

Removal of inlet strainer

2. Place the pump on an even, horizontal surface.
3. Ensure that the water does not contain particles which may block the pump inlet.
4. Ensure that the water level is minimum 5 mm when the pump is started.

6.5 Thermal protection

If the pump is running without water, or if it is otherwise overloaded, the built-in thermal switch will cut out.

When the motor has cooled to normal temperature, it restarts automatically.

7. Service

7.1 Maintaining the product

Under normal operating conditions, the pump is maintenance-free.

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

DANGER
Electric shock
Death or serious personal injury

- Switch off the power supply before you start any work on the product. Make sure that the power supply cannot be switched on accidentally.

DANGER
Electric shock
Death or serious personal injury

- If the power cable is damaged, it must be replaced by the manufacturer, the manufacturer's service partner or a similarly qualified person.

Service must be performed by trained service staff.

7.1.1 Cleaning the inlet strainer

1. Disconnect the power supply to the pump.
2. Drain the pump.
3. Loosen the inlet strainer by inserting a screwdriver in the recess between the pump housing and the strainer.
4. Use the screwdriver to push apart the outer housing and the strainer. Repeat the procedure, working around the pump, until the strainer is free and can be removed.
5. Clean and refit the inlet strainer.

7.2 Service kits

It is possible to replace these parts:

Service kit	Part number 50 Hz	Part number 60 Hz
Impeller, CC5	96578967	97512794
Impeller, CC7	96578968	97512822
Impeller, CC9	96578969	97512824

Service kit	Part number 50 Hz	Part number 60 Hz
Non-return valve	97825322	
Adapter for outlet port	97825319	
Inlet strainer	96578990	

The parts can be ordered from your pump supplier.

If other pump components are damaged or defective, contact your pump supplier.

The cable and the float switch must be replaced by a service workshop authorised by Grundfos.

8. Fault finding

DANGER
Electric shock
Death or serious personal injury

- Switch off the power supply before you start any work on the product. Make sure that the power supply cannot be switched on accidentally.

8.1 The motor does not start

Cause	Remedy
No power supply.	Connect the power supply.
The pump was stopped by the float switch.	Adjust or replace the float switch.
The fuses have blown.	Replace the fuses.
The motor protection or thermal relay has tripped.	Wait until the motor protection trips in again or reset the relay.
The impeller is blocked by impurities.	Clean the impeller.
Short circuit in the cable or motor.	Replace the defective part.

8.2 The motor protection or the thermal relay trips after a short time of operation

Cause	Remedy
The temperature of the pumped liquid is too high.	The pump starts automatically after sufficient cooling.
The pump is partly or fully blocked by impurities.	Clean the pump.
The pump cannot self-prime due to low water level.	Move the pump to a position with higher water level. Add water until the pump starts sucking.

8.3 The pump runs, but delivers insufficient water

Cause	Remedy
The pump is partly blocked by impurities.	Clean the pump.
The outlet pipe or hose is partly blocked by impurities.	Check and clean the non-return valve, if fitted.
The hose is sharply bent.	Straighten out the hose.

8.4 The pump runs but delivers now water

Cause	Remedy
The pump is blocked by impurities.	Clean the pump.
The non-return valve in the outlet pipe or hose is blocked in closed position or blocked by impurities.	Clean or replace the non-return valve, if necessary.
The hose is sharply bent.	Straighten out the hose.

9. Technical data

9.1 Operating conditions

9.1.1 Flow rate

Pump type	Max. head [m]	Max. flow rate [m^3/h]
UNILIFT CC 5	5	6
UNILIFT CC 7	7	10
UNILIFT CC 9	9	14

Using the horizontal outlet may cause a 5 % drop in performance.

9.1.2 Temperature

Max. ambient temperature	40 °C
Liquid temperature	0-40 °C
Operating temperature	0-40 °C
Storage temperature	-10 to +50 °C

Thermal protection

Pump type	Thermal protection Winding temperature cut-out
UNILIFT CC 5	160 °C
UNILIFT CC 7	160 °C
UNILIFT CC 9	140 °C

At intervals of at least 30 minutes, the pump is allowed to run at maximum 70 °C for periods not exceeding two minutes.

9.1.3 Pumped liquid requirements

Pumped liquid	Rainwater and grey wastewater without long fibres
pH range	4-9 pH
Max. particle size	∅10 mm

9.1.4 Inlet level and installation depth

Pump type	Min. inlet level with inlet strainer [mm]	Min. inlet level without inlet strainer [mm]
UNILIFT CC 5	20	3
UNILIFT CC 7	20	3
UNILIFT CC 9	20	3

Pump type	Max. installation depth [m]	Cable length [m]
UNILIFT CC 5	2	5
UNILIFT CC 7 UNILIFT CC 9	7	10

9.2 Electrical data

Pump type	Supply voltage [V]
50 Hz	1 × 220-240 V, 50 Hz
60 Hz	1 × 230 V, 60 Hz

50 Hz	UNILIFT CC 5	UNILIFT CC 7	UNILIFT CC 9
Voltage [V]	220-240	220-240	220-240
Max. current [A]	1.2	1.8	3.5
Power, P1 [W]	250	380	780
Power factor, cos φ 1/1	0.90	0.98	0.94

60 Hz	UNILIFT CC 5	UNILIFT CC 7	UNILIFT CC 9
Voltage [V]	230	230	230
Max. current [A]	1.2	1.6	3.1
Power, P1 [W]	270	370	730
Power factor, cos φ 1/1	0.97	0.98	0.95

Pump type	Cable type	Insulation class
CC 5, 50 Hz CC 7, 50 Hz	H05RN-F 3G0.75	F
CC 9, 50 Hz	H07RN-F 3G1	B
CC 5, 60 Hz, 230 V	H05RN-F 3G0.75	F
CC 7, 60 Hz, 230 V	H07RN-F 3G1	F
CC 9, 60 Hz, 230 V	H07RN-F 3G1	B

Pump type	Capacitor	
	[µF]	[Vc]
UNILIFT CC 5	4	450
UNILIFT CC 7	8	450
UNILIFT CC 9	8	450

9.3 Mechanical data

Max. dry-running time	1 minute
Airborne noise emitted by pump	≤ 70 dB(A)
Enclosure class	IP68

10. Disposing of the product

This product or parts of it must be disposed of in an environmentally sound way.

1. Use the public or private waste collection service.
2. If this is not possible, contact the nearest Grundfos company or service workshop.

The crossed-out wheelie bin symbol on a product means that it must be disposed of separately from household waste. When a product marked with this symbol reaches its end of life, take it to a collection point designated by the local waste disposal authorities. The separate collection and recycling of such products will help protect the environment and human health.

See also end-of-life information at *www.grundfos.com/product-recycling*.

11. Document quality feedback

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EU decl. of conformity, UNILIFT CC

GB: EU declaration of conformity

We, Grundfos, declare under our sole responsibility that the product UNILIFT CC, to which the declaration below relates, is in conformity with the Council Directives listed below on the approximation of the laws of the EU member states.

AR: إقرار مطابقة الاتحاد الأوروبي (EU)

نقر نحن، جروندفوس، بمقتضى مسؤوليتنا الفردية بأن المنتج UNILIFT CC الذي يختص به الإقرار أدناه يكون مطابقًا لتوجيهات المجلس المذكورة أدناه بشأن التقريب بين قوانين الدول أعضاء الاتحاد الأوروبي (EU).

- Low Voltage Directive: 2014/35/EU

  Standards used:

  EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021 and EN IEC 60335-2-41:2021 + A11:2021
- Electromagnetic Compatibility Directive (2014/30/EU)

  Standards used:

  EN 55014-1:2017 + A11:2020, EN 55014-2:1997 + A1:2001 + A2:2008 and EN 61000-3-3:2013
- RoHS Directives (2011/65/EU and 2015/863/EU)

  Standards used:

  EN IEC 63000:2018

This EU declaration of conformity is only valid when published as part of Grundfos installation and safety instructions (99156256).

Bjerringbro, 18/6/2023

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Person authorised to compile technical file and empowered to sign the EC/EU declaration of conformity.

Moroccan decl. of conf., UNILIFT CC

GB: Moroccan declaration of conformity

We, Grundfos, declare under our sole responsibility that the products to which the declaration below relates, are in conformity with Moroccan laws, orders, standards and specifications to which conformity is declared, as listed below:

Valid for Grundfos products:

UNILIFT CC

Law No 24-09, 2011 Safety of products and services and the following orders:

Order No 2573-14, 2015 Safety Requirements for Low Voltage Electrical Equipment

Standards used: NM EN 60335-1:2015, NM EN 60335-2-41:2013.

Order No 2574-14, 2015 Electromagnetic Compatibility

Standards used:

NM EN 55014-1:2014, NM EN 55014-2:2014, NM EN 61000-3-3:2015.

This Moroccan declaration of conformity is only valid when accompanying Grundfos instructions.

FR: Déclaration de conformité marocaine

Nous, Grundfos, déclarons sous notre seule responsabilité que les produits auxquels se réfère cette déclaration, sont conformes aux lois, ordonnances, normes et spécifications marocaines pour lesquelles la conformité est déclarée, comme indiqué ci-dessous :

Valable pour les produits Grundfos :

UNILIFT CC

Sécurité des produits et services, loi n° 24-09, 2011 et décrets suivants :

Exigences de sécurité pour les équipements électriques basse tension, ordonnance n° 2573-14, 2015

Normes utilisées : NM EN 60335-1:2015, NM EN 60335-2-41:2013.

Compatibilité électromagnétique, ordonnance n° 2574-14, 2015

UNILIFT CC

Normes utilisées : NM EN 55014-1:2014, NM EN 55014-2:2014, NM EN 61000-3-3:2015.

Cette déclaration de conformité marocaine est uniquement valide lorsqu'elle accompagne la notice d'installation et de fonctionnement Grundfos.

AR: إقرار المطابقة المغربي

نحن، جروندفوس، نقر تحت مسؤوليتنا وحدنا بأن المنتجات التي يتعلق بها الإقرار أدناه، تتوافق مع القوانين والقرارات والمعايير والمواصفات المغربية التي تم إقرار المطابقة بشأنها، كما هو موضح أدناه:

سارٍ على منتجات جروندفوس:

UNILIFT CC

قانون رقم 24-09، 2011 بشأن سلامة المنتجات والخدمات والقرارات التالية:

القرار رقم 2573-14، 2015 متطلبات السلامة للمعدات الكهربائية ذات الجهد المنخفض

المعايير المستخدمة: NM EN 60335-1:2015, NM EN 60335-2-41:2013.

القرار رقم 2574-14، 2015 التوافق الكهرومغناطيسي

UNILIFT CC

المعايير المستخدمة: NM EN 55014-1:2014, NM EN 55014-2:2014, NM EN 61000-3-3:2015.

يكون إقرار المطابقة المغربي صالحًا فقط عند نشره كجزء من تعليمات جروندفوس.

Bjerringbro, 18/6/2023

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GB: Manufacturer and person empowered to sign the Moroccan declaration of conformity.

FR: Fabricant et personne habilitée à signer la Déclaration de conformité marocaine.

AR: الجهة المصنعة والشخص المفوض بتوقيع إقرار المطابقة المغربي.

10000435350

GB: Declaration of performance

EU declaration of performance in accordance with Annex III of Regulation (EU) No 305/2011 (Construction Product Regulation)

1. Unique identification code of the product type:
   - EN 12050-2
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
   - UNILIFT CC 5, CC 7 and CC 9 marked with EN 12050-2 on the nameplate.
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
   - Lifting stations for pumping of faecal-free wastewater marked with EN 12050-2 on the nameplate.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
   - Grundfos Holding A/S
     Poul Due Jensens Vej 7
     8850 Bjerringbro
     Denmark.
5. NOT RELEVANT.
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
   - System 3.
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
   - TÜV Rheinland LGA Products GmbH, identification number: 0197.
     Performed test according to EN 12050-2 under system 3.
     (description of the third-party tasks as set out in Annex V)
   - Certificate number: TÜV-Certificate No. R 60132477
     Type-tested and monitored.
8. NOT RELEVANT.
9. Declared performance:
   The products covered by this declaration of performance are in compliance with the essential characteristics and the performance requirements as described in the following:
   - Standard used: EN 12050-2:2000
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

SA: إقرار الأداء

للأداء وفقا للملحق 3 للائحة (EU) إقرار مطابقة الاتحاد الأوروبي رقم 305/2011 (لائحة منتجات التشييد) (الاتحاد الأوروبي) (EU)

1. رمز التعريف الفريد لنوع المنتج:
   - EN 12050-2
2. النوع أو رقم التشغيلة أو الرقم المسلسل أو أي عنصر آخر يتيح تعريف هوية المنتج وفقا لمطلب المادة 11 (4):
   - يكون معيارها EN CC 9 وCC 7 وCC 5 المضخات أحادية الرافعة بلوحة اسم الموديل EN 12050-2.
3. غرض استخدام أو استخدامات منتج التشييد، وفقا للمواصفة التقنية المتوافقة المعمول بها، كما تتوقعها الجهة المصنعة:
   - محطات الرفع لضخ مياه الصرف الخالية من المادة البرازية يكون معيارها بلوحة اسم الموديل EN 12050-2.
4. الاسم والاسم التجاري المسجل أو العلامة التجارية المسجلة وعنوان الاتصال بالجهة المصنعة كما يجب وفقا للمادة 11 (5):
   - Grundfos Holding A/S
     Poul Due Jensens Vej 7
     8850 Bjerringbro
     الدنمارك.
5. غير ذي صلة بالموضوع.
6. نظام أو أنظمة التقييم والتحقق من انتظام أداء منتج التشييد كما هو موضح في الملحق 5:
   - النظام 3.
7. في حالة وجود معيار متوافق يغطي إقرار الأداء المتعلق بمنتج تشييد:
   - رقم التعريف: TÜV Rheinland LGA Products GmbH، 0197.
     أجرت الاختبار وفقًا لـ EN 12050-2 3 بمقتضى النظام.
     (وصف مهام الطرف الثالث كما هو موضح في الملحق 5)
   - رقم الشهادة: شهادة TÜV (سلطة الحكومة المحلية) رقم R 60132477
     معتمد طبقا لاختبار النوع والمراقبة.
8. غير ذي صلة بالموضوع.
9. الأداء المعلن:
   المنتجات التي يغطيها إقرار الأداء هذا تكون مطابقة للخصائص الأساسية ومتطلبات الأداء الموضحة فيما يلي:
   - المعيار المستخدم: EN 12050-2:2000
10. يكون أداء المنتج المحدد في النقطتين 1 و2 مطابقا للأداء المعلن في النقطة 9.

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97767011 **12.2024**

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