

Operation Manual

Garden Pump CGP

61544



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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If you should find a mistake or wish to make a suggestion for improvement, we look forward to hearing from you.

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Introduction

Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Keep these operation instructions safe.

Safety instructions



- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they are supervised or have been instructed concerning the correct use of the device by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the device.
- If the supply cord is damaged, it must be replaced by a qualified technician to avoid a hazard.
- The pump must not be used when people are in the water.
- Carefully check the pump after it is unpacked. If you find any damages, please contact a qualified technician. Do not try to repair it by yourself.
- This pump is not suitable for use with flammable or explosive materials.
- Make sure that the pump cannot run dry.
- This pump is not suitable for long time continuous operation (e.g., cyclic running in filter of swimming pond or as industrial equipment).
- This pump is suitable for conveyance of clean water. Liquids including greasy stains or other materials will damage the pump. This pump must not be used to convey abrasive materials, silt, slurry, or other viscous materials. If the pumped medium contains corrosive compositions, the corrosion resistance of the pump materials must be considered. This pump may be used to convey daily clean water, but it cannot be used for conveyance of drinking water.
- This pump should be placed in a well-ventilated, dry, damp-proof, or waterproof area with an ambient temperature of not more than 40 °C. It must not be stored or used in rain or a wet room.
- Max. temperature of the liquid pumped: 35 °C.
- The pump must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.

Should the supply cord be damaged, it must be replaced by a qualified electrician.

Structure

<ol style="list-style-type: none"> 1. Motor cover 2. Handle 3. Switch 4. Pump head 5. Cable 6. Valve cover 	<ol style="list-style-type: none"> 1. Motor cover 2. Pump head 3. Pressure cylinder 4. Pressure switch 5. Cable 	<ol style="list-style-type: none"> 1. Pressure cylinder 2. Motor cover 3. Pressure switch 4. Cable 5. Pump head
<ol style="list-style-type: none"> 1. Motor cover 2. Connection cable 3. Cable 4. Electric switch 5. Pump head 	<ol style="list-style-type: none"> 1. Cable 2. Motor cover 3. Handle 4. Pump head 5. Valve cover 	<ol style="list-style-type: none"> 1. Motor cover 2. Handle 3. Switch 4. Pump head 5. Cable 6. Valve cover

Technical specifications

Input voltage (V)	230
Input frequency (Hz)	50
Input power (W)	1200
Max. head (m)	30
Max. flow rate ($\frac{l}{h}$)	3600
Max. suction height (m)	7
Size (L×W×H) (mm)	455×265×500
Connection (mm)	32.8g (G1") internal thread
Cable length (m)	1.2
Weight (kg)	12.5



Functions

Caution!

- This water pump has a water-sprinkling protection feature and should be placed only in a dry environment. Never place the water pump or operate it in the rain or in a humid area.
- This water pump should not be used with flammable or harmful liquids.
- Dry-running of the water pump must be avoided under all circumstances.
- This water pump is for processing clean water. The scope of its application includes irrigating the garden, water supply to a household, sprinkling in a garden or on farmland.
- This water pump may not be exposed for longer periods of time to impurities, sand, stone, sticky substances, etc., mixed in with the conveyed media. For the conveyed media may contain chemical corrosive substances, it is necessary to pay special attention to preventing influence by these on the material of the pump body. It is not permitted to use this water pump to convey drinking water.

Caution! If this water pump is used in a swimming pool, garden pond or similar pools, the pump must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA. Always keep it in a working state to ensure the safety and reliability of the water pump. In addition, the pump should be placed on a stable base to prevent it from falling.

Electrical connection

General description

Danger: During the installation of the water pump, the power supply to the water pump must be switched off.

Caution: During the installation of the device, it is necessary to keep it under dry and well aired, at an ambient temperature below 40 °C. Before use, the water pump should be inspected for safety to ensure that there is no damage to the power cable or the plug.

Electrical connection

Danger: The electrician responsible for installation must check to ensure that the electrical connection is in accordance with the standard, including the earth terminal. The water pump must be well earthed.

Commissioning

The pump is not a self-priming pump, this means that the suction hose should first of all be fitted with:

- a non-return valve with filter; this ensures that, after disconnecting the pump, the hose and the pump do not run dry. This part of the hose is suspended in the water to be pumped away,
- a hose with coupling nut; this end of the hose is attached to the front of the pump,
- both accessories should be securely screwed on to the hose using the hose clip supplied.
- Before fastening the hose to the pump, it is best to fill it with water first. After this you can screw the three-way tap or another 1" connector to the outlet of the pump; being on the top of the pump.
- Then you should loosen the small screw cap on top of the pump housing and fill the pump housing with water through the opening; then re-seal it.
- If the pump housing and the hose have both now been filled with water, you can switch on the pump using the on/off switch.
- The pump now immediately begins to pump water.
- If the pump is subsequently switched off again, water remains in the pump housing and the hose which means that when the pump is next switched on it will pump water immediately.



Pressure hose

The pressure hose is used for conveying the water from the pump to the water consumption point (e.g., tap). To minimize the friction loss caused by the water pressure, we recommend the use of a pressure hose with diameter of 1".

Maintenance

- The device only needs an external regular cleaning.
- Before cleaning the device, always unplug it from power supply and wait till the unit stopped.
- Do not clean the painted parts with emery or solvents and use only a damp cloth.
- If trouble with the pump occurs, it must be repaired by a qualified technician.

Cleaning and care

- Proper and regular care will not only ensure safe use but also elongate the lifetime of this device.

Warning! Switch off the device and disconnect it from power supply before carrying out cleaning and maintenance work to avoid electrical hazards.

- Wipe dust off with a soft dry cloth or brush.
- To clean other debris, you may use a slightly wet cloth and neutral detergent.

Note! Do not use chemical, alkaline, abrasive, or other aggressive detergents or cleaners to clean this device, as these might be harmful to its surface.

Repair and maintenance

This device does not contain any user serviceable parts. Do not try to repair the device yourself. Always bring it to a qualified technician.

Disposal regulations

EU guidelines regarding the disposal of scrap electric devices (WEEE, 2012/19/EU) were implemented in the law related to electrical and electronic equipment and devices.

All WiTec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with the domestic waste.

The company WiTec Technik GmbH has been registered in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic devices (intended for use in the countries of the European Union and other European countries with a separate collection system for these devices).

The logo on the article or on its packaging points out that this article must not be treated as normal household waste but must be disposed to a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this article you protect the environment and the health of your fellow men. Environment and health are threatened by inappropriate disposal.



Material recycling helps reduce the consumption of raw materials.

Additional information on recycling this article can be provided by your local community, municipal waste disposal facilities, or the store where you purchased the article.

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