

User's manual

Waste Water Pump

62935



Illustration similar, may vary depending on model

Please read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.



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service@wiltec.info

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To return your goods for exchange, repair, or other purposes, please use the following address. Attention! To allow for a trouble-free complaint or return, it is important to contact our customer service team before returning your goods.

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Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it. Keep these operation instructions in a safe place.

Safety instructions

Caution!

In and near standing water, garden ponds, and swimming ponds, the use of this device is only allowed with a fault current protection switch with a triggering nominal current up to 30 mA (according to VDE 0100 Article 702 and 738).

The device is not suitable for use in swimming pools, paddling pools of any kind or waters in which people or animals may stay during operation. Operation of the device with people being in the danger area is not permitted. Ask an electrician, if necessary.

The device is not intended for use by persons (including children) with impaired or limited physical, sensory, and mental abilities or lack of experience and/or real knowledge, unless they are supervised by a person responsible for their safety or follow the instructions made by this person on how to correctly use the device. Children should be supervised to ensure that they do not play with the device.

Attention!

- Perform a visual inspection of the device before every use. Do not use the device if the safety appliances are damaged or worn out. Never override safety regulations.
- Only use the device accordingly to the intended purpose stated in this manual.
- You are responsible for the safety of the working zone.
- If the cable or the plug is damaged due to external influences, the cable must not be repaired. It must be replaced with a new one. This work can only be carried out by an electrician.
- The voltage of 230 V AC indicated on the nameplate of the device must match the existent mains voltage.
- Never lift, carry, or fix the device by using the power cable.
- Make sure that the electric plug connections are protected from flood and humidity.
- Pull out the power plug before performing any kind of work on the device.
- Avoid exposing the device to direct jets of water.
- The user is responsible for complying with local safety and mounting regulations. Ask an electrician, if necessary.
- The user must take appropriate measures (e.g., installation of an alarm system, a reserve pump, etc.) to prevent damage caused by the flooding in case of device malfunctioning.
- In case of device failure, repairs can only be carried out by an electrician.
- The device must never run dry or be operated with its suction line fully closed.
- Do not use this device to operate swimming pools.
- This device must not be integrated into any kind of domestic water circuit meant for potable water.

Warning! Thoroughly read all safety warnings and instructions contained within this operation manual. Failure to obey the safety precautions and instructions might cause an electric shock, a fire, and/or severe injuries. Keep all safety precautions and instructions for future use.



Range of application

This submersible pump is usually installed in basements. There, it grants protection from flooding. Additionally, the pump can be used, where water needs to be transported from one spot to another, e.g., at home, in agriculture, in gardening, for sanitary work and so forth.

Resistance

- The maximum temperature of the pumped liquid should not exceed +35 °C in continuous operation.
- The pump must not be used to pump flammable, gassing, or explosive liquids.
- The pump must not be used to pump other liquids, especially motor fuels, cleaning agent, or other chemical products.

Installation

The pump is installed the following way: in a fixed position either with fixed or flexible tubing.

Attention!

- When installing the pump, make sure not to freely suspend it with its pressure line or power cable. The submersible motor pump needs to be hung up by the appropriate handle or placed on the floor of the shaft.
- To ensure the impeccable functioning of the pump, the shaft floor needs to be kept free of mud and dirt of any kind.
- If the water level is too low, the mud on the shaft floor might quickly dry and hinder the pump from starting. It is therefore necessary to regularly check the pump (by performing tests before operation).
- The float switch is adjusted to allow the pump to start immediately.

Note: The pump shaft should have a minimum size of 40×40×50 cm, so that the floater can move freely.

Mains connection

The pond pump that you have purchased is already equipped with a protection plug. The pump is meant to be connected to a 220/230 V~50 Hz safety socket. Make sure that the socket is sufficiently protected (min. 6 A) and fully functional. Plug in the plug, the pump is operational.

Note: If the cable or the plug is damaged due to external influences, the cable must not be repaired. It must be replaced with a new one. This work can only be carried out by an electrician.

Operation settings

After carefully reading all information and instructions contained within this operation manual, the pump can be operated by abiding the following steps:

- Check if the pump is resting on the bottom of the shaft.
- Check if the pressure line is properly attached.
- Check if the electric source has 230 V~50 Hz.
- Check if the socket is in a good condition.
- Make sure that the electrical connections and circuits are sufficiently protected from moisture and water.
- Do not allow the pump to run dry.



Maintenance guidelines

This submersible pump is a certified quality product that is subject to a strict final inspection. We recommend a regular inspection and maintenance to ensure a longer lifespan of the device and an interruption-free operation.

Important instructions!

- Properly disconnect the pump from its power supply by removing its plug from the socket before performing any kind of maintenance work.
- In case of the pump being transported or moved around a lot, it is advised to clean it with clear water after every use.
- In case of the pump remaining stationary for a longer time, the function of its lock switch should be checked every 3 months.
- Fibrous material that might have accumulated within the housing of the pump should be removed with water.
- Every 3 months, the shaft bottom should be freed from mud.
- Remove the residues on the float switch with clear water.

Cleaning the impeller

If there are excessive residues collected in the pump casing, the bottom part of the pump needs to be demounted the following:

1. Remove the suction cage from the housing of the pump.
2. Clean the impeller with clear water.
Important! The pump must not be placed or supported on the impeller.
3. Follow the previous steps in a reverse order to reassemble the pump.

Setting the switch-point

Fix the cable of the float switch to the cable clip found on the casing of the pump to set the desired switch-on and switch-off height.

- The float switch is installed so that the switch-on and switch-off point can be reached without any problem. To check this, place the pump into a container filled with water, carefully lift the float switch by hand and lower it again. By doing so, see if the pump switches itself on and off.
- To make sure that the pump switches itself on and off properly, the length of the cable comprised between the float switch and fixing clip must be of a minimum of 10 cm.
- When setting the float switch, make sure that the water has a minimum level of 15 mm to prevent the pump from running dry.



Troubleshooting

Problem	Cause	Solution
Pump does not start	No power supply	Check power supply.
	Float switch does not switch	Place float switch in a higher position.
No flow	Inlet filter clogged	Clean inlet filter with water stream.
	Pressure hose kinked	Adjust hose.
Pump does not switch off	Float switch cannot sink	Place pump properly on the shaft floor.
Insufficient flow	Inlet filter clogged	Clean inlet filter.
	Reduced pumping performance due to dirty water or water containing abrasive material	Clean pump and replace worn parts.
The pump switches itself off after short running period	Thermal switch stops pump due to waste water.	Pull power plug. Clean pump and shaft.
	Water too hot, thermal switch stops pump	Ensure that the maximal water temperature does not exceed 35 °C.

Technical specifications

Power consumption (W)	400
Intake voltage (V)	230
Frequency (Hz)	50
Flow rate ($\frac{l}{h}$)	7500
Max. immersion depth (m)	7
Max. lifting height (m)	6.5
Max. particle size (mm)	5
Length of cable (m)	10

Regulations for waste disposal

The Waste Electrical and Electronic Equipment Directive (WEEE Directive, 2012/19/EU) of the EU was implemented in the German law related to electrical and electronic equipment and appliances.

All WilTec electric devices that fall under the WEEE directive are labelled with the symbol of a crossed-out wheeled rubbish bin. This symbol indicates that this electric device must not be disposed of with the domestic waste.

WilTec Technik GmbH is registered with the German registration authority EAR (Stiftung Elektro-Altgeräte Register) 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 waste collection system for these devices).

The symbol on the packaging or the product itself indicates that this product must not be treated as normal domestic waste but must be disposed of at a recycling collection station for electrical and electronic waste.

By disposing of this product correctly, you contribute to the protection of the environment and the health of your fellow people. Inappropriate disposal threatens the environment and health.



Material recycling helps to reduce the consumption of raw materials.

Additional information about the recycling of this product can be provided by your local commune, the municipal waste disposal facilities, or the store where you purchased the product.

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