

Operation Manual

Waste Water Pump

61963, 61964, 61965



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

Attention!

In standing waters, garden and swimming ponds, and in their vicinity, the use of the device is only permitted with a residual current circuit breaker with a tripping rated current of up to 30 mA (according to VDE 0100 parts 702 and 738).

The device is not suitable for use in swimming pools, paddling pools of any kind of waters in which people or animals may stay during operation. Operation of the device while people are in the danger area is not permitted. Ask a qualified electrician!

This device is not intended for use by persons (including children) with limited physical, sensory, or mental capabilities or lack of experience and/or knowledge unless they are supervised by a person responsible for their safety or instructed by him/her on how to use the device. Children should be supervised to ensure that they do not play with the device.

Danger!

- Perform a visual inspection of the device before each use. Do not use it if safety components are damaged or worn. Never override safety devices.
- Only use the device in accordance with the intended use specified in these operating instructions.
- You are responsible for the safety in the work area.
- If the cable or the plug is damaged due to external influences, never repair them yourself! The cable must be exchanged for a new one, a job that should only be carried out by a qualified electrician.
- The alternating voltage of 230 V indicated on the nameplate of the device must match the existing mains voltage.
- Never lift, transport, or fasten the device by the power cord.
- Make sure that the electrical plug connections are protected from flood or moisture.
- Pull the power plug before working on the device.
- Avoid exposing the device to direct water jets.
- The user is responsible for compliance with local safety and installation regulations. If necessary, ask a qualified electrician.
- The user must take appropriate measures (e.g., installation of an alarm system, reserve pump, etc.) to exclude consequential damage caused by the flooding in case of device malfunctioning.
- If the device fails, repairs may only be carried out by a qualified electrician.
- Never let the device run dry or be operated with the suction line fully closed.
- Never operate the device in swimming pools.
- Never install the device in the drinking water system.

Warning!

Read all safety warnings and instructions. Failure to follow the safety instructions can result in electric shock, fire, and/or serious injury. Keep all safety information and instructions at hand for future reference.



Resistance

- The maximum temperature of the pumped liquid should not exceed +35 °C in continuous operation.
- Never transfer flammable, gassing, or explosive liquids with this pump.
- Never use the pump for other liquids, especially engine fuels, cleaning agents, and other chemical products!

Electrical connection

- The electrical connection is made to a 230 V ~ 50 Hz protective contact socket. Fuse protection at least 10 A.
- The indicator lamp inside the switch lights up when the engine is switched on.
- The motor is protected against overloading or blocking by the thermal motor protection built-in. In case of overheating, the overheating protection of the motor switches the pump off automatically. After cooling down, the pump automatically switches on again.

Installation

The pump is installed as follows: either in a fixed position with fixed piping or in a fixed position with flexible piping.



Please note!

- When installing, make sure that the pump does not hang loose on the pressure line or the power cable. The submersible motor pump must be hung up on the supplied handle or rest on the floor of the shaft.
- To ensure that the pump functions properly, the bottom of the shaft must always be free of sludge or other dirt.
- If the water level is too low, the sludge in the sump can dry up quickly and prevent the pump from starting. It is therefore necessary to check the submersible motor pump regularly by performing a start-up test.
- The float switch is set so that it can be put into immediate operation.

Note: The pump shaft should have at least the dimensions of 40×40×50 cm so that the float switch can move freely.

Mains connection

This waste water pump is already provided with a safety plug. The pump is intended for connection to a safety socket with 230 V ~ 50 Hz. Make sure that the socket is adequately fused (at least 6 A) and functional. Insert the pump plug into the socket, the pump is ready for operation.

Important: If the power cord or plug is damaged due to external influences, never repair them yourself! The cable must be replaced with a new one, a job that should only be carried out by a qualified electrician.

Functionality

The pumps are equipped with an open or closed impeller mounted at the end of the drive shaft. They are surrounded by a large, circular chamber and a base plate with a mechanical interior. The suction opening inside the base plate is in direct contact with the liquid to be pumped. The rotating impeller transfers kinetic energy centrifugally into the circular chamber, where part of the kinetic energy is



converted into pressure energy. The specific design of the rotary impeller optimises the hydraulic efficiency without impairing the performance of the pump in processing muddy liquids with solids and short fibres without the risk of clogging.

Technical specifications

Item №	Flow rate (l/h)	Discharge head (m)	Speed (1/min)	Energy supply	Outlet connection (cm)	Material
61965	15,000	10	3,000	230 V, 50 Hz	5.08 (2")	<u>Pump body/rotation</u> <u>impeller:</u> cast iron; <u>mechanical seal:</u> stainless steel; <u>shaft:</u> C45 steel or stainless iron
61963	10,000	8				
61964						

Disposal regulations

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

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 appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).

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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