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> Wiltec 400W Submersible Pump Model 65441 User Manual

WilTec 65441

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Model: 65441 | Brand: WilTec

1. INTRODUCTION

Thank you for choosing the Wiltec 400W Submersible Pump, Model 65441. This pump is designed for efficient water transfer in various applications, including draining cellars, garden ponds, and other water bodies. It features both automatic and continuous operating modes, a powerful motor, and durable construction. Please read this manual carefully before installation and operation to ensure safe and optimal performance of your pump.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury and damage to the pump.

- **Electrical Safety:** Ensure the power supply matches the pump's voltage (230V). Do not operate the pump with damaged cables or plugs. Always disconnect the power before handling or maintaining the pump.
- **Water Immersion:** The pump is designed for submersible use only. Do not operate it dry.
- **Temperature Range:** Operate the pump within the specified temperature range of 1°C to 35°C.
- **Solid Particles:** The pump can handle solid particles up to 5 mm. Pumping larger particles may cause damage.
- **Secure Placement:** Ensure the pump is placed on a stable, level surface to prevent tipping.
- **Children and Pets:** Keep children and pets away from the operating pump.
- **Overheat Protection:** The pump is equipped with a thermal regulator to protect the motor from overheating. If the pump stops due to overheating, disconnect it from power and allow it to cool down before restarting.

3. PRODUCT OVERVIEW

The Wiltec 400W Submersible Pump is a robust and versatile tool for various water drainage tasks. Key components and features include:

- **Powerful Motor:** 400W motor with low noise operation and integrated overheat protection.
- **Durable Construction:** Made from stainless steel and polypropylene (PP) for corrosion resistance and longevity.
- **Integrated Handle:** For easy transport and positioning.
- **10-meter Power Cable:** Provides ample reach for various applications.

- **Multi-size Hose Connection:** Compatible with various hose diameters (25mm, 32mm, 38mm, or 47mm).
- **Float Switch:** For automatic operation based on water level.



Image: The Wiltec 400W Submersible Pump, showing its compact design and hose connection point.

Conception astucieuse

Socle d'aspiration



Poignée de transport



Câble de courant de 10 m



**Construction en
plastique robuste**



Image: Detailed view of the pump's design features, such as the suction base, transport handle, 10m power cable, and robust plastic construction.

Moteur puissant



Peu bruyant



Protection contre
les surchauffes



Hautement résistant

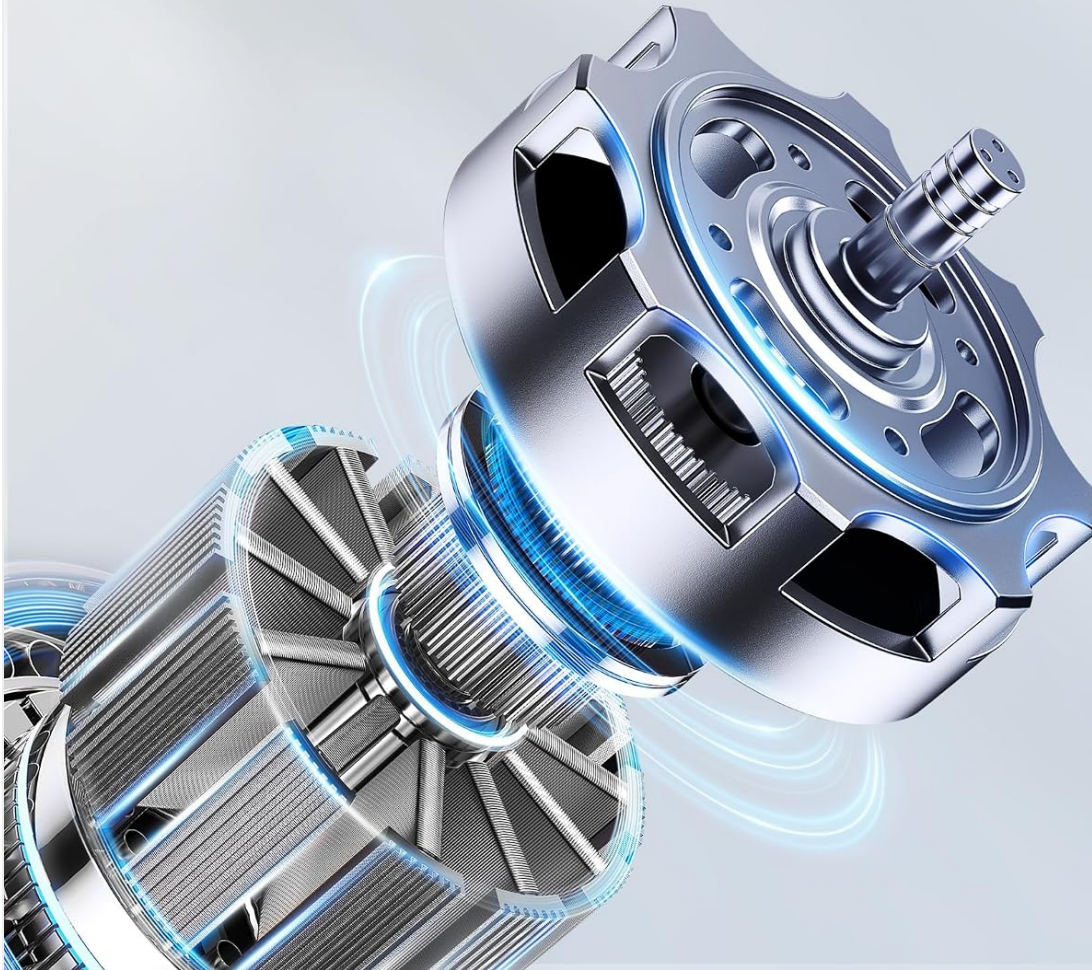


Image: An illustration of the pump's powerful motor, highlighting its low noise operation, overheat protection, and high durability.

4. SETUP

4.1. Hose Connection

The pump is supplied with a multi-size hose adapter. Select the appropriate diameter for your hose and securely attach it to the pump's outlet.

1. Identify the required hose diameter (25mm, 32mm, 38mm, or 47mm).
2. If necessary, cut the adapter to the desired diameter using a sharp knife.
3. Screw the adapter firmly onto the pump's discharge port.
4. Attach your discharge hose to the adapter and secure it with a hose clamp if needed.

Appropriée à une variété de diamètres de tuyau



Image: Illustration of the multi-size hose adapter and how to connect different hose diameters to the pump.

4.2. Pump Placement

Place the pump on a stable, flat surface in the water body to be drained. Ensure the pump is fully submerged and not resting on soft sediment that could block the suction inlet. The 10-meter power cable provides flexibility for placement.



Image: Close-up view of the pump's suction base, showing the inlet for water.

5. OPERATING MODES

The Wiltec 400W Submersible Pump offers two operating modes: Automatic and Continuous.

5.1. Automatic Mode

In Automatic mode, the pump starts and stops based on the water level, controlled by the integrated float switch. The float switch has four adjustable positions to set the desired ON/OFF water levels.

- Connect the float switch cable to the designated slot on the pump.
- Adjust the float switch position to set the desired water levels for activation and deactivation.
- The pump will automatically turn on when the water level rises to the ON position and turn off when it drops to the OFF position.

5.2. Continuous Mode

In Continuous mode, the pump operates constantly as long as it is connected to power. This mode is suitable for situations requiring continuous drainage, but requires supervision to prevent dry running.

- Ensure the float switch is secured in an upward position or bypassed according to the pump's instructions (if applicable) to maintain continuous operation.
- Monitor the pump to prevent it from running dry, which can cause damage.

Deux modes de fonctionnement



Image: Diagram illustrating the two operating modes: Automatic (with adjustable float switch levels) and Continuous.

6. OPERATION

Once the pump is set up and the desired operating mode is selected:

1. Ensure all connections are secure and the pump is correctly positioned.
2. Plug the power cable into a suitable 230V power outlet.
3. The pump will begin operating according to the selected mode.
4. Monitor the pump during operation, especially in continuous mode, to ensure it does not run dry.
5. After use, unplug the pump from the power outlet.

Parfait pour une large gamme d'applications



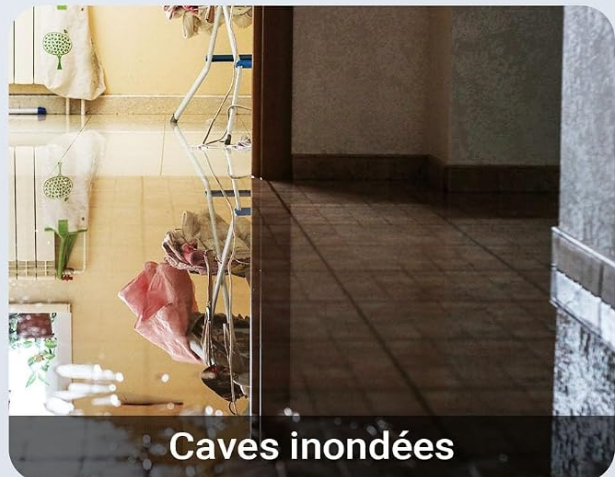
Piscines d'eau douce



Égouts



Bassins de jardin



Caves inondées

Image: Examples of common applications for the submersible pump, including pools, sewers, garden ponds, and flooded cellars.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your pump.

7.1. Cleaning

- Always disconnect the pump from the power supply before cleaning.
- Rinse the pump thoroughly with clean water after each use, especially if pumping dirty water.
- Check the suction inlet for any debris or blockages and remove them carefully.
- Inspect the impeller area for any trapped particles.

7.2. Storage

- Store the pump in a dry, frost-free location when not in use.

- Ensure the pump is clean and dry before storage.
- Avoid storing the pump in direct sunlight or extreme temperatures.

8. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Pump does not start.	No power supply. Float switch not activated (Automatic mode). Overheat protection activated.	Check power connection. Ensure water level is high enough to activate float switch. Disconnect power, allow pump to cool down for 15-30 minutes.
Pump runs but no water is discharged.	Suction inlet blocked. Hose kinked or blocked. Air trapped in pump.	Disconnect power, clear debris from suction inlet. Check and clear discharge hose. Briefly lift and lower the pump to release trapped air.
Reduced pumping capacity.	Partial blockage in suction or discharge. Impeller worn or damaged.	Clean suction inlet and discharge hose. Contact customer support for impeller inspection/replacement.
Pump stops unexpectedly.	Overheat protection activated. Power interruption. Float switch deactivated (Automatic mode).	Allow pump to cool down. Check power supply. Ensure water level is above the OFF position for continuous operation or adjust float switch.

9. SPECIFICATIONS

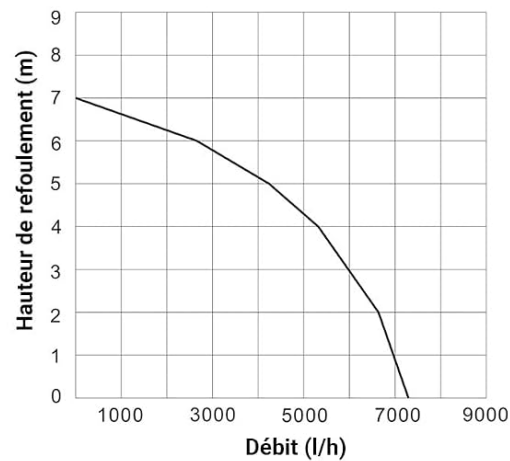
Technical data for the Wiltec 400W Submersible Pump Model 65441.

Feature	Value
Model Number	65441
Power	400 W
Voltage	230 V
Max Flow Rate	7300 l/h
Max Delivery Head	7.5 m
Max Immersion Depth	7 m
Max Particle Size	5 mm
Cable Length	10 m
Material	Stainless Steel, Polypropylene (PP)

Feature	Value
Weight	3.76 kg
Operating Temperature	1°C to 35°C
Protection Class	IPX8

Détails du produit

Longueur du câble : 10 m



Tension	Débit max.
230 V	7300 l/h
Hauteur de refoulement max.	Taille de solides max.
7 m	5 mm
Profondeur d'immersion max.	Code
7 m	IPX8
Longueur du câble	Plage de température
10 m	1 °C–35 °C

Image: A graphic summary of the pump's key technical specifications, including voltage, flow rate, and maximum head.



Image: Visual representation of the pump's IPX8 water resistance rating and its operational temperature range.

10. WARRANTY AND SUPPORT

Wiltec products are manufactured with quality and durability in mind. For warranty information, please refer to the terms and conditions provided at the point of purchase or visit the official WilTec website. For technical support or spare parts inquiries, please contact WilTec customer service directly.

While information on specific spare parts availability is not provided in this manual, WilTec is committed to customer satisfaction.

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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