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WilTec 62547

WilTec SunSun Fountain Pump Model 62547 User Manual

Model: 62547 | Brand: WilTec

INTRODUCTION

Thank you for choosing the WilTec SunSun Fountain Pump, Model 62547. This pump is designed to create decorative water jets while improving water quality in your garden pond or water feature. Its robust stainless steel housing is built for long-term underwater use. Continuous operation promotes oxygenation, benefiting fish and plants, and provides a soothing sound effect. Please read this manual carefully before installation and operation to ensure safe and efficient use.

SAFETY INSTRUCTIONS

- Always disconnect the pump from the power supply before performing any maintenance or cleaning.
- Ensure the power cable is not damaged. Do not operate the pump with a damaged cable.
- The pump is designed for submersible use only. Do not operate it dry.
- Ensure the electrical outlet is properly grounded and protected by a residual current device (RCD).
- Keep children and pets away from the pump and water feature during operation.
- Do not lift or carry the pump by its power cable.
- Operate the pump only within the specified temperature range of 4°C to 36°C.

PACKAGE CONTENTS

The WilTec SunSun Fountain Pump Model 62547 package includes the following items:

- SunSun Fountain Pump (Model 62547)
- Three interchangeable fountain nozzles for various spray effects (e.g., tiered fountain, foaming jet).
- Adjustable riser tube.
- Integrated filter.

Différentes têtes de fontaine



Petite fontaine standard



Grande fontaine standard



Fontaine en forme de cloche



Fontaine bouillonnante

Figure 1: Included fountain nozzles and pump components. This image displays the main pump unit along with three distinct nozzle attachments, illustrating the variety of water spray patterns available.

SPECIFICATIONS

Feature	Value
Model Number	62547
Dimensions (L x W x H)	18L x 11W x 18H cm
Weight	2.14 kg
Maximum Flow Rate	1750 Liters per hour
Maximum Head Height	1.6 Meters

Feature	Value
Power Consumption	50 W
Power Source	Electric Cable
Cable Length	10 m
Material	Stainless Steel, Plastic
IP Rating	IPX8 (Waterproof)
Operating Temperature	4°C ~ 36°C

Dimensions du produit

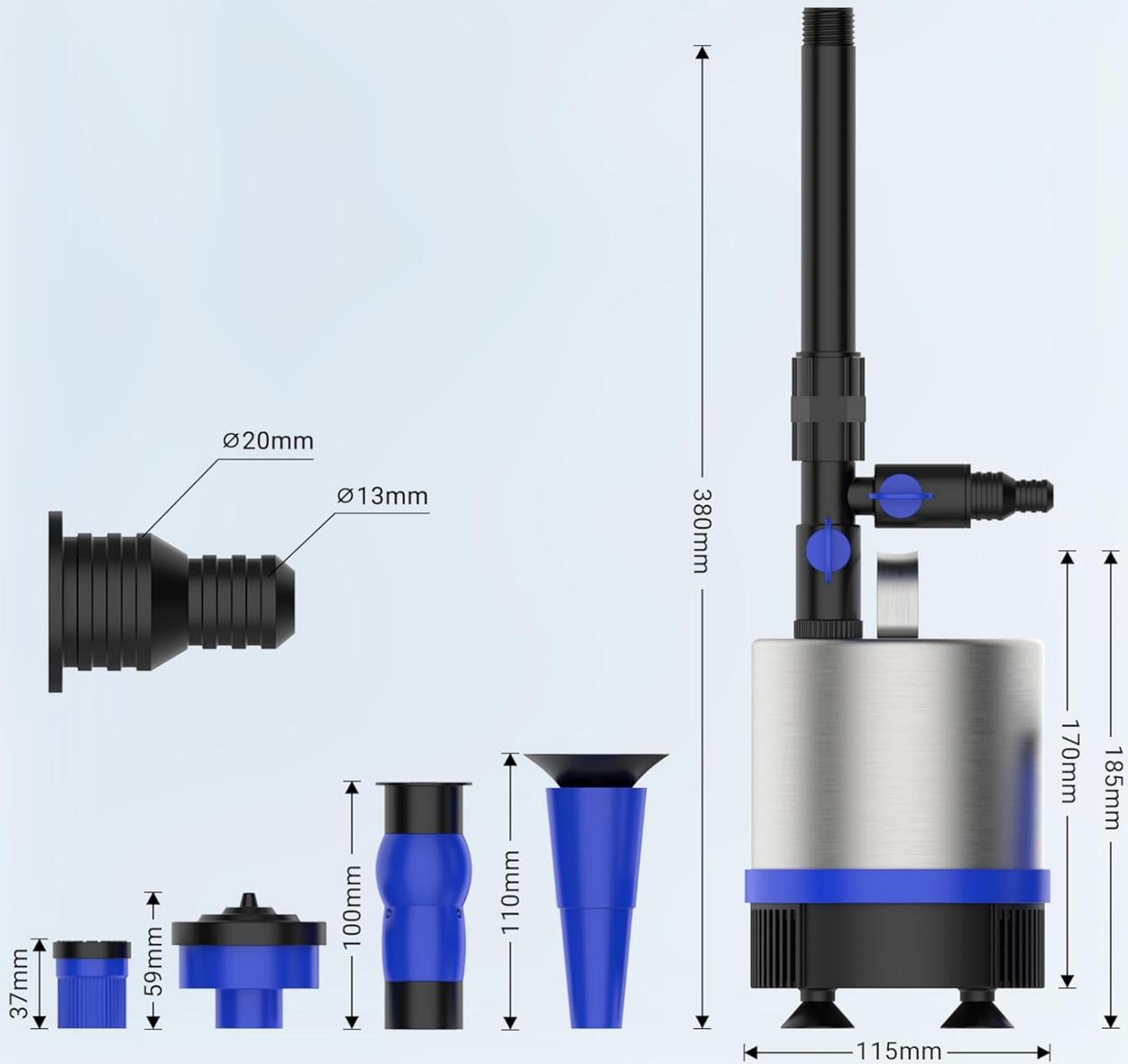


Figure 2: Product dimensions and component measurements. This diagram provides detailed measurements for the pump body, riser tube, and various nozzle attachments, aiding in installation planning.

Longueur du câble	Débit max.
10 m	1750 l/h
Code IP	Hauteur de refoulement max.
IPX8	2.3 m
Puissance d'entrée	Plage de température
50 W	4 °C–35 °C
Profondeur d'immersion max.	
3 m	
Diamètre max. de la fontaine en cloche	
0.45 m	

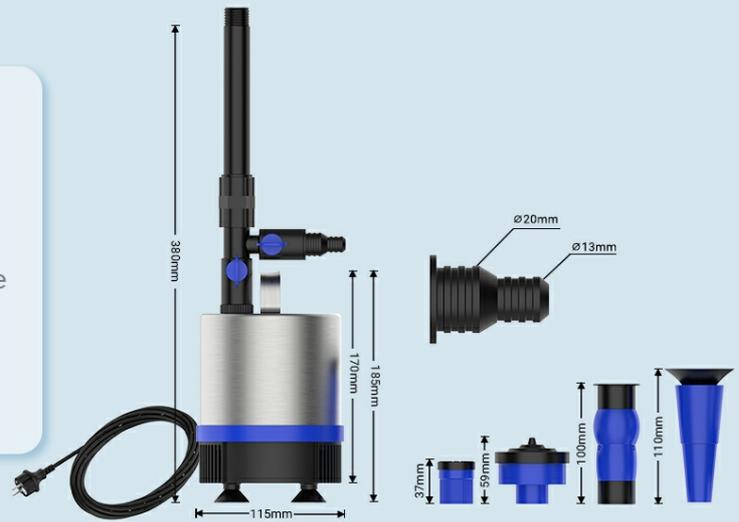


Figure 3: Technical specifications overview. This image presents a summary of key technical data including cable length, max flow, IP code, power, max head, and temperature range.

SETUP

- Choose Location:** Select a suitable location in your pond or water feature where the pump can be fully submerged and the fountain effect is desired.
- Attach Nozzle:** Select one of the three provided fountain nozzles according to your preferred water jet pattern. Securely attach it to the top of the riser tube.
- Adjust Riser Tube:** Adjust the height of the riser tube to achieve the desired fountain height.
- Position Pump:** Place the pump on a stable, flat surface at the bottom of the pond. The four suction cup feet provide optimal stability.
- Connect Power:** Route the power cable safely to a grounded electrical outlet protected by an RCD. Ensure the cable is not pinched or damaged.
- Submerge:** Ensure the pump is fully submerged in water before connecting to power.



Figure 4: Pump base with suction cups. This image highlights the four powerful suction cups on the pump's base, which ensure stable placement without the need for additional tools.

OPERATING INSTRUCTIONS

1. **Power On:** Once the pump is correctly installed and fully submerged, connect the power plug to the electrical outlet. The pump will start operating immediately.
2. **Adjust Flow Rate:** The pump features an adjustable flow rate. Use the control mechanism (if present, typically a lever or dial on the pump or riser) to fine-tune the water flow and fountain intensity.
3. **Change Nozzle:** To change the fountain effect, disconnect the pump from power, remove the current nozzle, and attach a different one. Reconnect power once the new nozzle is securely in place.



Figure 5: Bell-shaped fountain in a pond. This image shows the pump in operation, producing a serene bell-shaped water pattern in a natural pond environment.

Différentes têtes de fontaine



Petite fontaine standard



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Fontaine en forme de cloche



Fontaine bouillonnante

Figure 6: Examples of different fountain heads and their effects. This composite image illustrates the various water patterns achievable with the included nozzles, such as standard jets, bell-shaped, and foaming effects.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fountain pump.

- **Filter Cleaning:** The integrated filter should be cleaned regularly to prevent clogging and maintain efficient water flow. Disconnect power, remove the pump from the water, and clean the filter elements under running water.
- **Impeller Cleaning:** Periodically inspect the impeller for debris (e.g., leaves, algae) that may impede its rotation. Disconnect power, remove the pump cover, and carefully clean the impeller chamber.
- **Winter Storage:** During freezing temperatures, remove the pump from the pond, clean it thoroughly, and store it in a frost-free location. Do not allow the pump to freeze with water inside.
- **Housing Inspection:** Regularly check the stainless steel housing and plastic components for any signs of damage or wear.

Filtre d'aspiration intégré

Filtre biologique

Élimine les
particules de saleté



Filtre les
impuretés



Figure 7: Integrated biological filter. This image illustrates the pump's internal filter system, demonstrating its function in removing dirt particles and impurities from the water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start.	No power supply. Impeller jammed.	Check power connection and RCD. Disconnect power and clean impeller.
Weak or no water flow.	Clogged filter or nozzle. Low water level. Impeller partially blocked.	Clean filter and nozzle. Ensure pump is fully submerged. Disconnect power and clean impeller.

Problem	Possible Cause	Solution
Pump is noisy.	Debris in impeller. Pump not stable.	Disconnect power and clean impeller. Ensure pump is placed on a flat, stable surface using suction cups.

VERSATILE APPLICATIONS

The WilTec SunSun Fountain Pump is suitable for a variety of water environments:

- **Garden Ponds:** Enhances aesthetics and oxygenation.
- **Aquariums:** Can be adapted for larger aquarium setups requiring circulation.
- **Decorative Fountains:** Ideal for creating various water displays.
- **Hydroponics:** Suitable for circulating water in hydroponic systems.

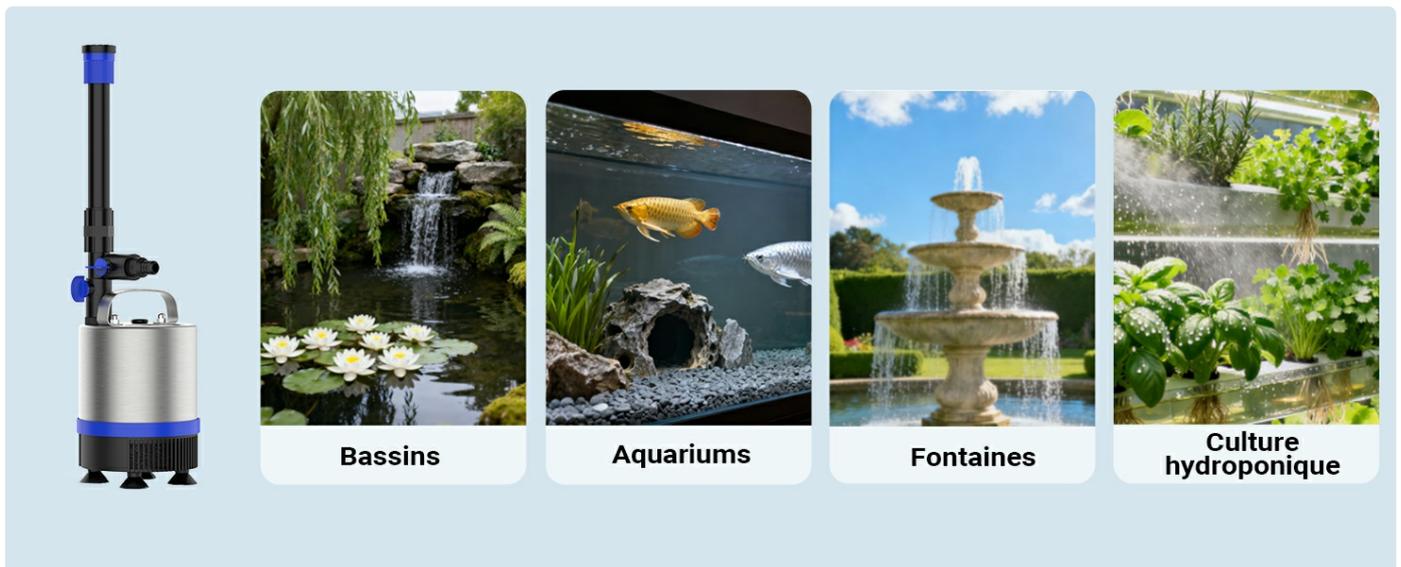


Figure 8: Diverse applications of the fountain pump. This image showcases the pump's suitability for different settings, including garden ponds, aquariums, decorative fountains, and hydroponic cultivation.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official WilTec website. Ensure you retain your proof of purchase for any warranty claims.

Manufacturer: WilTec Wildanger Technik GmbH

Website: www.wiltec.de