**Renkforce 1526585**

# Renkforce 1526585 Submersible Well Pump Instruction Manual

Model: 1526585

## Introduction

This manual provides essential information for the safe and efficient operation of your Renkforce 1526585 Submersible Well Pump. Please read these instructions thoroughly before installation and use, and retain them for future reference. The Renkforce 1526585 submersible wastewater pump is designed for pumping water from containers such as rainwater tanks, supplying water for garden irrigation from wells, or draining swimming pools. It is also suitable for dewatering during floods or for temporary circulation of pond water. The integrated float switch ensures automatic activation when the water level rises.

## Safety Instructions

**General Safety:**

- Always disconnect the pump from the power supply before performing any maintenance or cleaning.
- Ensure the power supply matches the pump's specifications (230V).
- Do not operate the pump in explosive or flammable environments.
- Keep children and unauthorized persons away from the pump during operation.
- Never lift or carry the pump by its power cable.
- Protect the power cable from sharp objects, heat, and oil.

**Electrical Safety:**

- The pump must be connected to a properly grounded outlet.
- Use a residual current device (RCD) with a tripping current not exceeding 30 mA for added protection.
- Do not use extension cords unless they are rated for outdoor use and properly grounded.
- If the power cable is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

**Water Safety:**

- This pump is designed for clear water and wastewater with solid bodies up to 35 mm. Do not use it for corrosive, flammable, or explosive liquids.

- Ensure the pump is fully submerged during operation to prevent overheating.

## Product Overview

The Renkforce 1526585 Submersible Well Pump is a robust unit designed for various water transfer tasks. Key components include the pump body, motor, float switch, and discharge outlet.




**Figure 1:** Front view of the Renkforce 1526585 Submersible Well Pump. Shows the main pump body, handle, and discharge outlet with a hose connector.



**Figure 2:** Side view of the Renkforce 1526585 Submersible Well Pump. Highlights the integrated float switch mechanism on the side of the pump body.

## Setup and Installation

1. **Unpacking:** Carefully remove the pump from its packaging. Inspect for any damage.
2. **Hose Connection:** Attach a suitable discharge hose to the pump's outlet. Ensure a tight and secure connection to prevent leaks. The pump is equipped with a hose connector for easy attachment.
3. **Placement:** Position the pump on a stable, flat surface in the water. Ensure the pump is fully submerged and not resting on soft sediment that could block the intake.
4. **Float Switch Adjustment:** The float switch automatically controls the pump's operation. Adjust the cable length of

the float switch to set the desired ON/OFF water levels. A longer cable allows for a wider operating range. Ensure the float switch can move freely without obstruction.

5. **Power Connection:** Connect the pump to a grounded 230V AC power outlet. Ensure the power supply is protected by an RCD.

## Operating Instructions

The Renkforce 1526585 pump operates automatically via its integrated float switch.

- **Automatic Operation:** Once connected to power and submerged, the pump will activate automatically when the water level rises to the set ON level of the float switch. It will continue to pump until the water level drops to the set OFF level, at which point the float switch will disengage the pump.
- **Monitoring:** Periodically check the pump's operation and the discharge flow. Ensure the pump is not running dry, as this can cause damage.
- **Maximum Particle Size:** The pump is designed to handle wastewater with solid particles up to 35 mm in diameter. Avoid pumping liquids with larger debris to prevent clogging or damage.

## Maintenance

Regular maintenance ensures optimal performance and extends the pump's lifespan.

- **Cleaning:** Disconnect the pump from power. Rinse the pump thoroughly with clean water after each use, especially when pumping dirty water. Remove any debris or foreign objects from the intake screen and impeller area.
- **Inspection:** Regularly inspect the power cable for any signs of damage (cuts, abrasions). Check the float switch for free movement.
- **Storage:** If the pump will not be used for an extended period, clean it thoroughly, drain all water, and store it in a dry, frost-free location.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Pump does not start. | No power supply; Float switch not activated; Impeller blocked. | Check power connection and circuit breaker; Adjust float switch position; Disconnect power and clear blockage. |
| Pump runs but no water is discharged. | Intake screen blocked; Discharge hose kinked or blocked; Water level too low. | Disconnect power and clear intake; Check and clear hose; Ensure pump is fully submerged. |
| Pump switches ON/OFF frequently. | Float switch cable too short; Water level fluctuating rapidly. | Adjust float switch cable length; Stabilize water level if possible. |
| Reduced pumping performance. | Partial blockage in intake or hose; Worn impeller. | Disconnect power and clear blockages; Contact customer support for impeller replacement. |
| Unusual noise or vibration. | Foreign object in pump; Pump not stable. | Disconnect power and remove foreign object; Ensure pump is on a stable surface. |
| Float switch failure. | Internal defect or obstruction. | Ensure free movement; if still faulty, contact customer support. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Pump runs continuously. | Float switch stuck in ON position; Water level never drops below OFF level. | Check float switch for obstruction; Ensure water level can drop sufficiently. |
| Pump leaks. | Loose hose connection; Damaged seal. | Tighten hose connections; Contact customer support for seal replacement. |

## Specifications

| Feature | Detail |
|---|---|
| Model Number | 1526585 |
| Brand | Renkforce |
| Discharge Rate (max) | 8000 L/h |
| Delivery Height (max) | 5 m |
| Max. Particle Size | 35 mm |
| Power Source | AC/DC |
| Voltage | 230 Volts |
| Item Weight | 10.14 pounds (approx. 4.6 kg) |
| Product Dimensions | 7.99 x 6.14 x 13.78 inches (approx. 20.3 x 15.6 x 35 cm) |
| Integrated Feature | Float Switch |

## Warranty and Support

Specific warranty details are not provided in this manual. Please refer to your purchase documentation or contact Renkforce customer support for information regarding warranty coverage and technical assistance.
For support, please visit the official Renkforce website or contact your retailer.

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