

Einhell GE-SP 3046 RB

Einhell GE-SP 3046 RB Multi-function Rainwater Collector and Drainage Pump User Manual

Model: GE-SP 3046 RB (Article No.: 4170438)

1. INTRODUCTION

The Einhell GE-SP 3046 RB is a versatile multi-function pump designed for efficient rainwater collection and drainage. Its robust construction and intelligent features make it ideal for various applications around the home and garden, such as emptying rain barrels, tanks, or small ponds, and transferring water for irrigation. This manual will guide you through the proper use and care of your pump.



Figure 1.1: Einhell GE-SP 3046 RB Multi-function Pump with Accessories.

2. SAFETY INSTRUCTIONS

Always read and follow all safety instructions before operating the pump.

- Ensure the power supply matches the voltage specified on the pump's rating label.
- Never operate the pump with a damaged power cable or plug. Have any damage repaired by a qualified electrician.
- Do not lift or carry the pump by its power cable.
- Keep children and unauthorized persons away from the operating area.
- Do not pump flammable, corrosive, or explosive liquids.
- Ensure the pump is fully submerged in water during operation to prevent dry running and overheating.
- Disconnect the pump from the power supply before performing any maintenance, cleaning, or when

not in use.

- Protect the pump from frost.

3. PRODUCT COMPONENTS

The Einhell GE-SP 3046 RB pump comes with several key components for its multi-functional use:

- **Pump Unit:** The main submersible pump with integrated motor and power cable.
- **Float Switch:** Automatically activates/deactivates the pump based on water level.
- **Flexible Gooseneck:** Allows for precise water discharge direction.
- **Adjustable Aluminum Tube:** Provides variable height for water extraction, especially from deep containers.
- **Rain Stand:** A stable base for positioning the pump and extension tube in rain barrels.
- **Integrated Cable Rewind:** Convenient storage for the power cable on the pump housing.
- **Extension Tube Storage:** Dedicated compartment on the pump housing for storing extension tubes.



Figure 3.1: Close-up of the Pump Unit.

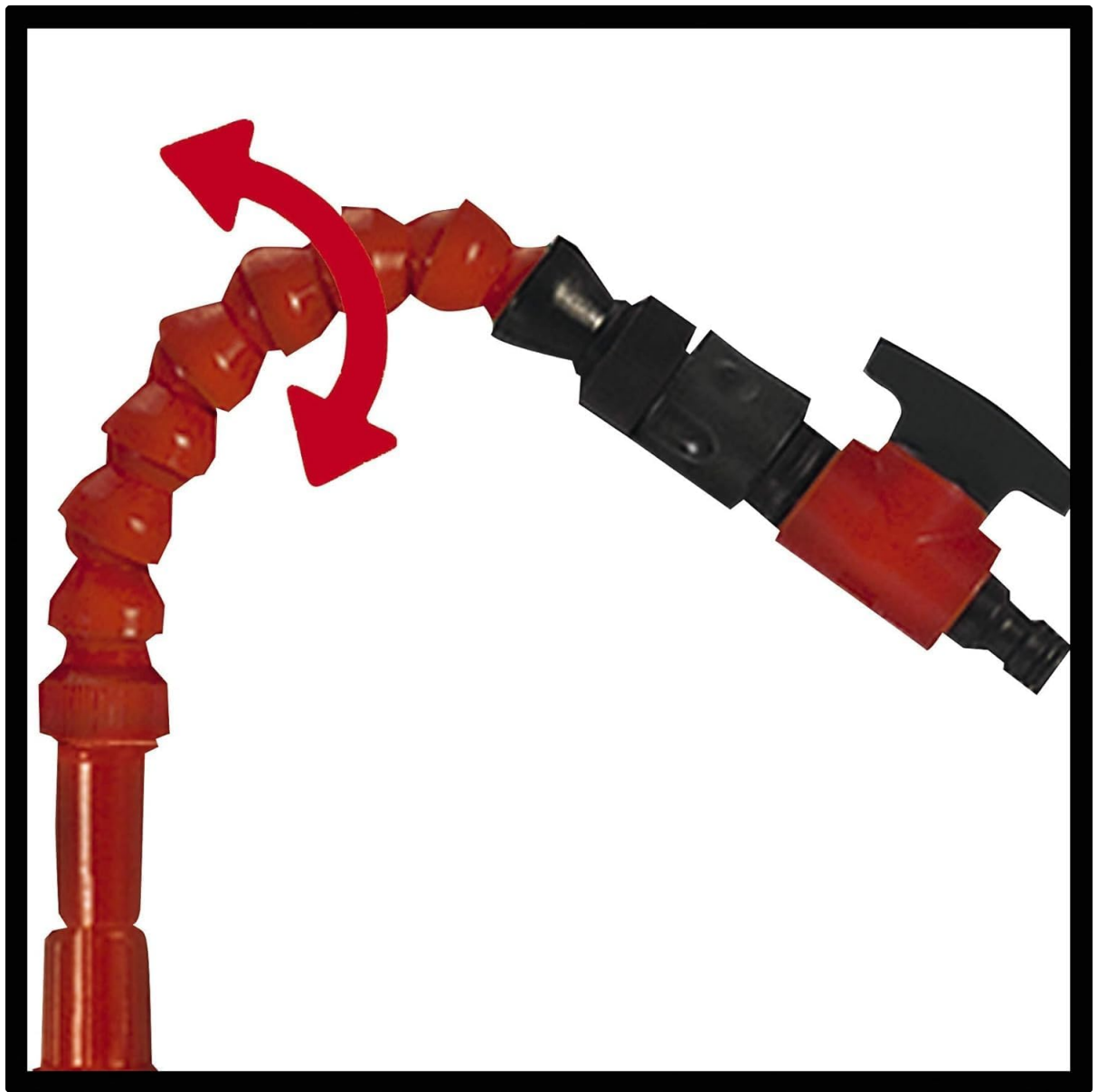


Figure 3.2: Flexible Gooseneck.



Figure 3.3: Extension Tube Storage.

4. SETUP

Follow these steps to set up your Einhell pump for operation:

1. **Assemble the Extension:** If using the pump for rainwater collection from a barrel, attach the adjustable aluminum tube to the pump's outlet. Then, connect the flexible gooseneck to the top of the aluminum tube.
2. **Position the Pump:** Place the pump unit into the water source (e.g., rain barrel, tank, or flooded area). Ensure the pump is stable and fully submerged. The minimum operating space required is approximately 40 x 40 cm, with a pump diameter of 24 cm.
3. **Adjust the Float Switch:** The float switch controls the automatic on/off function of the pump. Adjust its position along the cable to set the desired minimum and maximum water levels for operation. A higher float position will require more water to activate the pump.
4. **Connect to Power:** Plug the pump's power cable into a properly grounded electrical outlet. Ensure the outlet is protected by a residual current device (RCD) for safety.

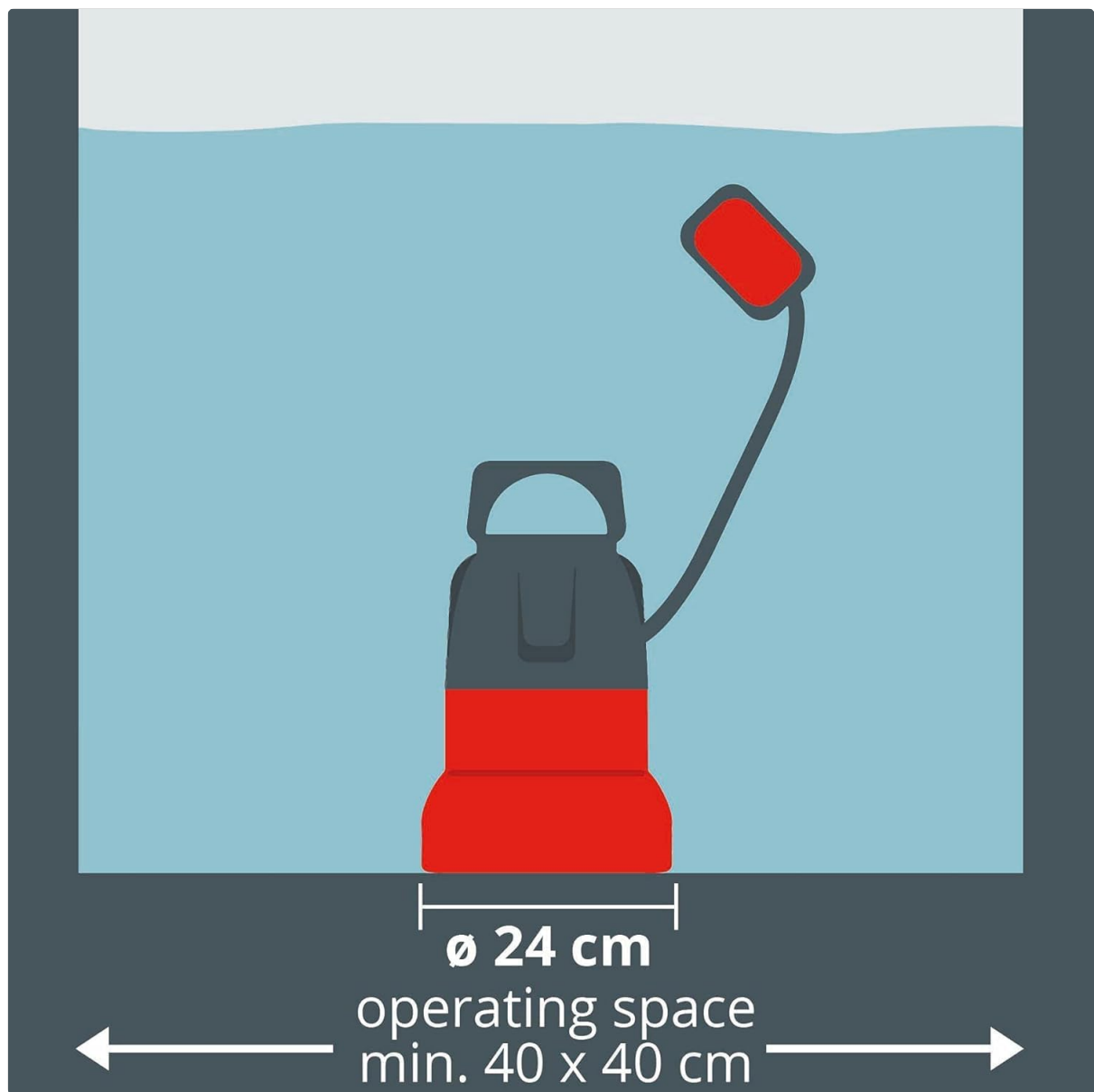


Figure 4.1: Minimum Operating Space.



Figure 4.2: Adjusting the Float Switch.

5. OPERATING

Once set up, the Einhell GE-SP 3046 RB pump operates efficiently:

- **Automatic Operation:** The pump will automatically start when the water level rises to the activation point set by the float switch and stop when the water level drops below the deactivation point.
- **Manual Operation:** For continuous operation regardless of water level (e.g., for complete drainage), the float switch can often be fixed in an 'on' position. Refer to the specific instructions for your float switch model.
- **Water Transfer:** Direct the flexible gooseneck or connected hose to where you want the water to be discharged. The pump can deliver up to 4,600 liters per hour with a maximum delivery height of 11 meters.



Figure 5.1: Pump in use for rainwater collection.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pump:

- **Cleaning:** After each use, especially when pumping dirty water, rinse the pump with clean water. Remove any debris or foreign objects from the intake area at the bottom of the pump.
- **Check for Blockages:** Periodically inspect the pump's intake and outlet for any blockages that could impede water flow.
- **Cable Inspection:** Regularly check the power cable for any signs of wear, cuts, or damage.
- **Winter Storage:** Before the first frost, completely drain the pump of all water to prevent damage from freezing. Store the pump in a dry, frost-free location.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power supply Float switch not activated Motor overloaded/overheated	Check power connection and fuse Adjust float switch position or manually activate Disconnect power, let cool down, check for blockages
Low flow rate	Partial blockage in intake/outlet Hose kinked or too long/narrow Insufficient water level	Clean intake and outlet Check hose for kinks, use appropriate diameter Ensure pump is adequately submerged
Pump runs continuously	Float switch stuck in 'on' position Water level not dropping below deactivation point	Check float switch for free movement Ensure proper float switch adjustment for deactivation

8. SPECIFICATIONS





Feature	Specification
Model	GE-SP 3046 RB
Article Number	4170438
Power	350 W
Voltage	230 V
Max. Flow Rate	4,600 L/h (4.6 Litres per second)
Max. Delivery Height	11 m
Max. Impurity Size	2.5 mm
Cable Length	10 m

Feature	Specification
Material	Impact-resistant PVC Plastic
Weight	3.8 kg
Dimensions (L x W x H)	17 x 23 x 51 cm

9. WARRANTY AND SUPPORT

Einhell products are manufactured with high-quality materials and undergo strict quality controls. For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official Einhell website. For technical support, spare parts, or service inquiries, please contact Einhell customer service directly. Keep your purchase receipt as proof of purchase.

Related Documents - GE-SP 3046 RB

	<p>Einhell GE-CL 36 Li E Cordless Blower Vac Operating Instructions</p> <p>Comprehensive operating instructions and safety guidelines for the Einhell GE-CL 36 Li E Cordless Blower Vac, detailing assembly, usage, maintenance, and troubleshooting.</p>
	<p>Kärcher SP 1 Dirt, SP 2 Flat, SP 3 Dirt Submersible Pumps: Operating Manual</p> <p>This document provides operating instructions and safety information for Kärcher SP 1 Dirt, SP 2 Flat, and SP 3 Dirt submersible pumps. Learn about their features, intended use for flood drainage and water removal, automatic and manual operation, and technical specifications.</p>
	<p>Danner Submersible and In-Line Pumps: Care, Operation, and Conversion Guide</p> <p>Comprehensive guide to Danner submersible and in-line pumps, covering operating instructions, conversion to in-line use, maintenance, troubleshooting, and warranty information. Includes safety warnings and model details.</p>
	<p>Spind 6 Floor Gully Trap: Installation, Cleaning & Features</p> <p>Discover the Spind 6 Floor Gully Trap, featuring anti-smell, anti-insect properties. Learn about easy installation, cleaning, and product advantages. View product models and company recognition.</p>

