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› GARDENA Cordless Rainwater Tank Pump 2000/2 18V P4A 14602-56 User Manual

## GARDENA 14602-56

# GARDENA Cordless Rainwater Tank Pump 2000/2 18V P4A 14602-56 User Manual

Model: 14602-56 | Brand: GARDENA

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your GARDENA Cordless Rainwater Tank Pump 2000/2 18V P4A 14602-56. Please read this manual thoroughly before first use and keep it for future reference.





Figure 1: GARDENA Cordless Rainwater Tank Pump 2000/2 18V P4A 14602-56

## 2. SAFETY INSTRUCTIONS

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

- Read all instructions carefully before operating the pump.
- Ensure the battery is fully charged before use. Use only compatible 18V POWER FOR ALL ALLIANCE batteries.
- Do not operate the pump with damaged components. Inspect the pump and accessories before each use.
- Keep hands, feet, and loose clothing away from moving parts.
- Do not use the pump for pumping flammable or corrosive liquids.
- Always disconnect the battery before cleaning, maintenance, or storage.
- Store the pump in a dry, secure location, out of reach of children.

## 3. PACKAGE CONTENTS

The GARDENA Cordless Rainwater Tank Pump 2000/2 18V P4A 14602-56 package includes:

- GARDENA Cordless Rainwater Tank Pump (body only)

*Note: Battery and charger are sold separately and are not included with this product.*

## **4. SETUP**

### **4.1. Attaching the Battery**

The pump is designed for use with the 18V POWER FOR ALL ALLIANCE battery system. To attach the battery, align the battery pack with the battery slot on the pump's control unit and slide it in until it clicks securely into place.



Figure 2: Pump with visible battery compartment, ready for battery insertion.

## 4.2. Adjusting the Aluminum Tube

The aluminum tube's length can be adjusted to suit the height of your rain barrel. Loosen the locking mechanism on the tube, extend or retract the tube to the desired length, and then secure the locking mechanism firmly.

## 4.3. Removing the Base

For situations requiring lower residual water suction (down to approximately 5mm), the pump's base can be removed. Refer to the diagrams in the full manual for detailed instructions on detaching the base.

# 5. OPERATING INSTRUCTIONS

## 5.1. Initial Operation

Once the battery is attached and the pump is positioned in the rainwater tank, ensure the outlet hose is properly connected and directed to where you want the water to flow. Press the power button to start the pump.



Figure 3: A user operating the GARDENA Rainwater Tank Pump in a wooden rain barrel.

## 5.2. Timer Function

The pump features a timer function for automated operation. You can select operating durations of 5, 10, or 15 minutes. The pump will automatically shut off after the selected time. This feature helps conserve battery life and prevents over-pumping.



Figure 4: A hand interacting with the control panel of the pump, likely setting the timer or activating the pump.

### 5.3. Dry Run Automatic Stop

The pump is equipped with an automatic dry-run stop function. If the water level in the tank becomes too low, the pump will automatically stop to prevent damage from running without water. This protects the motor and extends the pump's lifespan.



Figure 5: Icon representing the automatic dry-run stop feature, indicating the pump stops when water levels are low.

### 5.4. Integrated Filter System

The pump has a built-in filter system within its base. This filter prevents dirt particles from entering the pump mechanism, ensuring smooth and consistent operation and prolonging the pump's life.



Figure 6: The pump submerged in water, demonstrating its operational environment and the location of the integrated filter.

## 5.5. Product Video

Your browser does not support the video tag.

Video 1: Official product video demonstrating the GARDENA Cordless Rainwater Tank Pump in various applications, including its use with the 18V POWER FOR ALL ALLIANCE battery system and other GARDENA tools.

## 6. MAINTENANCE

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

- **Cleaning:** After each use, rinse the pump with clean water to remove any debris. Pay special attention to the filter area.
- **Filter Inspection:** Periodically check the integrated filter for blockages. Clean or replace if necessary to maintain efficient water flow.
- **Storage:** When not in use for extended periods, ensure the pump is clean and dry. Store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Follow the battery manufacturer's instructions for charging, storage, and maintenance of the 18V POWER FOR ALL ALLIANCE battery.

## 7. TROUBLESHOOTING

If you encounter issues with your GARDENA Rainwater Tank Pump, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Pump does not start	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted.
Pump stops unexpectedly	Low water level (dry run protection activated).	Check water level in the tank. Refill if necessary.

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Reduced water flow	Clogged filter or hose.	Clean the integrated filter and check the hose for kinks or blockages.
Pump makes unusual noise	Debris inside the pump or worn components.	Disconnect power, inspect for debris. If noise persists, contact customer support.

## 8. SPECIFICATIONS

Key technical specifications for the GARDENA Cordless Rainwater Tank Pump 2000/2 18V P4A 14602-56:

<b>Feature</b>	<b>Specification</b>
Model Number	14602-56
Brand	GARDENA
Power Source	Battery Powered (18V Lithium-Ion)
Voltage	18 Volts
Max. Delivery Capacity	2000 liters/hour
Max. Head Height	20 meters
Max. Submersion Depth	1.8 meters
Max. Water Temperature	35°C
Operating Time (Max)	Approx. 65 minutes (with compatible battery)
Product Dimensions	14 x 14 x 60 cm
Product Weight	2.6 Kilograms
Material	Plastic
Color	Turquoise



**2.3 kg / 5.1 lbs**

Figure 7: Visual representation of the pump's dimensions and weight.



Figure 8: Diagram illustrating the versatility of the 18V POWER FOR ALL ALLIANCE battery system across various tools.

## 9. WARRANTY AND SUPPORT

GARDENA offers a maximum 5-year warranty for this product. For warranty claims, technical support, or spare parts, please contact GARDENA customer service or visit the official GARDENA website. Keep your proof of purchase for warranty validation.

*For more information, visit the official GARDENA website or contact your local dealer.*