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Gardena 5600 Silent+

GARDENA 5600 Silent+ Garden Pump Instruction Manual

Model: 5600 Silent+ (Part No. 09057-61)

Introduction

Thank you for choosing the GARDENA 5600 Silent+ Garden Pump. This manual provides essential information for the safe and efficient use of your new pump. Please read these instructions carefully before initial operation and keep them for future reference. This pump is designed for pumping clear water from sources such as wells, cisterns, or rain barrels for garden irrigation.



Figure 1: The GARDENA 5600 Silent+ Garden Pump. This image displays the pump's main body, featuring the "IN" inlet on the left, the "OUT" outlet on the right, and the integrated carrying handle. The central stainless steel cylinder is visible with the GARDENA logo and "5600 SILENT+" branding.

Safety Information

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

- **Electrical Safety:** Ensure the power supply matches the pump's specifications (230V AC). Always connect the pump to a properly grounded outlet. Do not operate the pump with a damaged power cord or plug.
- **Water Safety:** The pump is designed for clear water only. Do not pump flammable, corrosive, or explosive liquids. Avoid pumping water containing sand, stones, or other abrasive particles, as this can damage the pump.
- **Operating Environment:** Place the pump on a stable, level surface. Protect it from direct sunlight, rain, and frost. Ensure adequate ventilation around the pump.
- **Children and Bystanders:** Keep children and unauthorized persons away from the pump during operation.
- **Maintenance:** Always disconnect the pump from the power supply before performing any maintenance, cleaning, or troubleshooting.

Product Overview

The GARDENA 5600 Silent+ Garden Pump is engineered for efficient and quiet water transfer. Key features include:

- **Powerful Performance:** Achieves a flow rate of 5600 liters per hour at a discharge height of 47 meters (4.7 bar).
- **Quiet Operation:** Utilizes a water-cooled multi-level technique, resulting in a low noise level of only 45 dB at 5 meters distance. This innovative technology eliminates the need for a fan, as residual heat is dissipated through the water.
- **Energy Efficient:** Operates with a power consumption of 900 watts, optimized by an efficient hydraulic circuit.
- **Versatile Water Source:** Capable of drawing water from a maximum depth of 8 meters, suitable for fountain or rainwater use.
- **Durable Construction:** Features a stainless steel material for longevity.

Setup

1. **Positioning:** Place the pump on a firm, level, and dry surface near the water source. Ensure it is protected from weather elements.
2. **Connecting Suction Hose:** Attach a high-quality, non-kinking suction hose (minimum 1 inch diameter) to the pump's "IN" inlet. Ensure all connections are airtight to prevent air ingress, which can reduce pump performance. A foot valve with a filter is recommended at the end of the suction hose in the water source.
3. **Connecting Pressure Hose:** Connect the pressure hose (garden hose) to the pump's "OUT" outlet. Secure the connection firmly.
4. **Priming the Pump:** Before first use, the pump must be filled with water. Unscrew the priming cap (usually located on top of the pump near the inlet) and slowly fill the pump housing with water until it overflows. Replace the priming cap securely. This step is crucial for the pump to create suction.
5. **Electrical Connection:** Plug the pump into a grounded 230V AC power outlet.

Operating Instructions

1. **Initial Start-up:** After priming and connecting all hoses, open any valves on the pressure side (e.g., garden hose nozzle) to allow air to escape. Switch on the pump. It may take a few moments for the pump to build pressure and start delivering water consistently.
2. **Continuous Operation:** Monitor the pump during the first few minutes of operation to ensure it is functioning correctly and there are no leaks.
3. **Stopping the Pump:** Switch off the pump. If using a nozzle or sprinkler, close it after the pump has stopped.

4. **Dry Running Protection:** The GARDENA 5600 Silent+ features integrated dry running protection to prevent damage if the water source runs dry. However, it is always best to monitor the water level.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your pump.

- **Cleaning:** Periodically clean the exterior of the pump with a damp cloth. Do not use harsh detergents or solvents.
- **Filter Check:** If a pre-filter is installed on the suction side, regularly check and clean it to prevent blockages and maintain flow rate.
- **Winter Storage:** Before the first frost, completely drain the pump of all water to prevent freezing damage. Disconnect hoses, open the drain plug (if present), and tilt the pump to ensure all water escapes. Store the pump in a frost-free environment.
- **Seal Inspection:** Periodically check hose connections and seals for wear or damage. Replace any worn parts to maintain airtight connections.

Troubleshooting

Problem	Possible Cause	Solution
Pump does not start.	No power supply; faulty power cord/plug; motor overload.	Check power connection and circuit breaker. Inspect power cord for damage. Allow motor to cool down if overloaded.
Pump runs but no water is delivered.	Pump not primed; air in suction line; suction hose not submerged; clogged suction filter.	Prime the pump again. Check all suction line connections for airtightness. Ensure suction hose is fully submerged. Clean suction filter.
Low water pressure or flow rate.	Air in suction line; partially clogged filter; too high suction lift; small diameter hoses.	Check suction line for leaks. Clean filter. Ensure suction depth is within limits (max 8m). Use appropriate hose diameters.
Pump is unusually noisy.	Air in pump/suction line; foreign objects in pump; pump running dry.	Check for air leaks and prime. Disconnect power and inspect pump for obstructions (consult service if necessary). Ensure adequate water supply.

If you cannot resolve the issue using this table, please contact GARDENA customer support.

Specifications

Brand	Gardena
Model	5600 Silent+ (Part No. 09057-61)
Power Source	Corded Electric
Voltage	230 Volts (AC)
Power Consumption	900 Watts
Maximum Flow Rate	5600 Liters Per Hour
Maximum Discharge Height	47 Meters (4.7 bar)

Maximum Suction Depth	8 Meters
Noise Level	45 dB (at 5m distance)
Material	Stainless Steel
Item Weight	10 Kilograms (approx. 22 pounds)
Product Dimensions	6.3 x 3.15 x 6.69 inches (approximate)

Warranty and Support

GARDENA products are manufactured to high quality standards. For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official GARDENA website. For technical assistance, spare parts, or service inquiries, please contact GARDENA customer support. Contact details can typically be found on the GARDENA website or in the product packaging.

Online Resources: For additional information and support, visit the official GARDENA Store on Amazon.

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