

## STERWINS 3276005711914

# STERWINS Automatic Garden Pump 1300 W - User Manual

Model: 3276005711914

Brand: STERWINS

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your STERWINS Automatic Garden Pump 1300 W. This multi-stage pump is designed to supply water to your house and garden with continuous pressure. It features a pressure control unit that automatically activates the pump when water is needed and deactivates it when the water supply is interrupted. The integrated dry-run protection system detects the absence of water in the suction line and shuts off the pump after 3 minutes to prevent damage. Please read this manual thoroughly before use and retain it for future reference.

## 2. SAFETY INFORMATION

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### General Safety:

- Always disconnect the pump from the power supply before performing any maintenance, cleaning, or when not in use.
- Ensure the electrical supply matches the specifications on the pump's rating plate.
- Do not operate the pump with damaged cables or plugs.
- Keep children and unauthorized persons away from the operating pump.
- Wear appropriate personal protective equipment (PPE) when handling the pump.
- The pump is designed for clear, sand-free water (e.g., rainwater, pool water, pond water). Do not use it for flammable, corrosive, or explosive liquids.
- Ensure adequate ventilation around the pump during operation.

### Electrical Safety:

- The pump must be connected to a properly grounded outlet.
- Avoid using extension cords if possible. If necessary, use only outdoor-rated extension cords suitable for the pump's power requirements.
- Do not immerse the pump or its electrical components in water.
- The motor is protected by a built-in thermostat against overheating. If overheating occurs, the thermostat will automatically shut off the pump, which will restart automatically after cooling down.

### 3. PRODUCT OVERVIEW

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The STERWINS Automatic Garden Pump 1300 W is a robust and efficient multi-stage water pump. Key components include the pump body, motor, pressure control unit, and electrical connections. The housing is constructed from stainless steel for durability.



**Image 3.1:** Front view of the STERWINS Automatic Garden Pump 1300 W, showing the pump body, motor, and integrated pressure control unit.

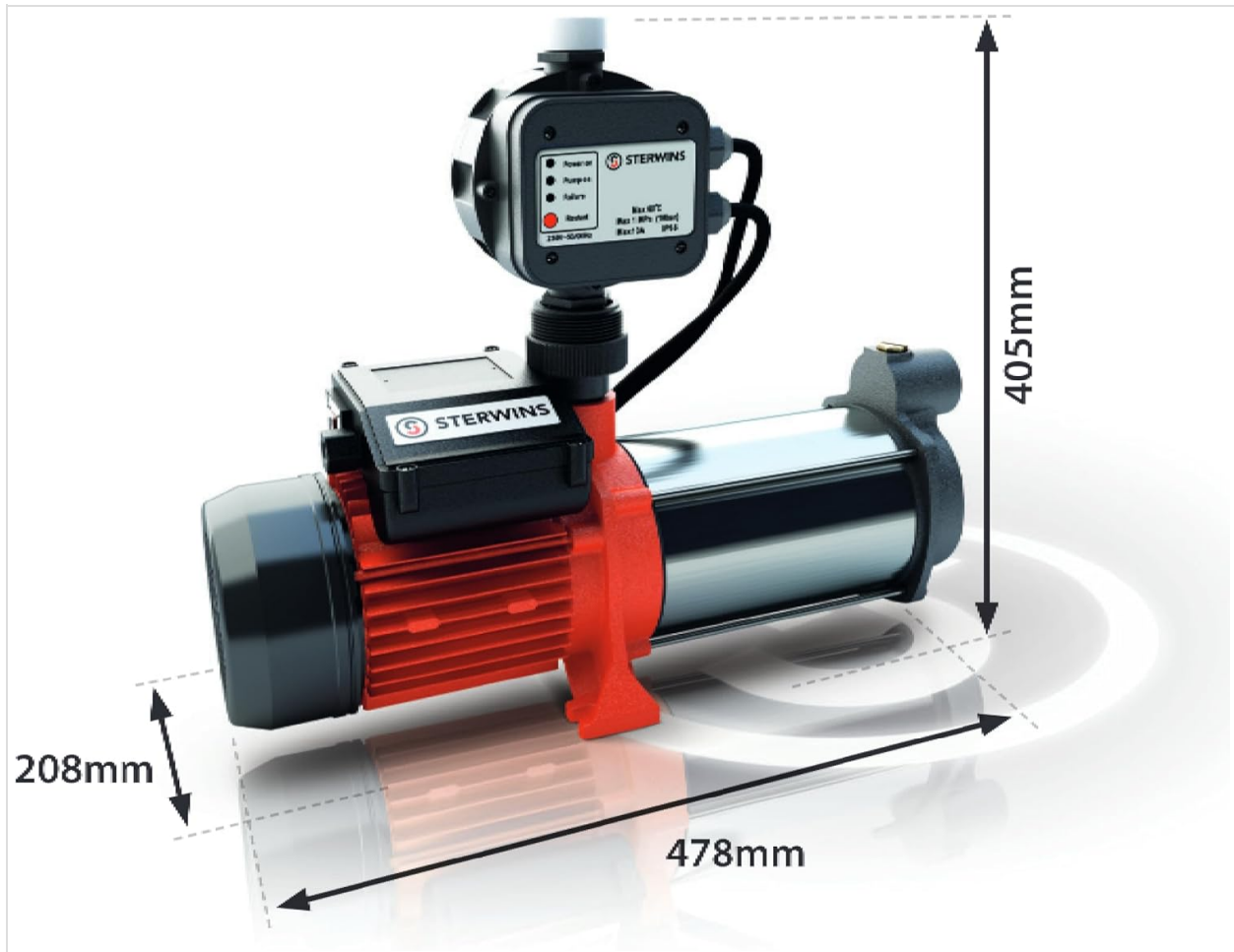


**Image 3.2:** The garden pump highlighting its key features: Automatic Start/Stop, Max. Suction Height of 8m, Max. Delivery Head of 55m, and Multi-stage (Multi Cellular) design.

## 4. SPECIFICATIONS

<b>Brand</b>	STERWINS
<b>Model Number</b>	3276005711914
<b>Power</b>	1300 W
<b>Max. Flow Rate</b>	6000 Liters/hour
<b>Max. Suction Height</b>	8 meters
<b>Max. Delivery Head</b>	55 meters
<b>Max. Pressure</b>	5.5 bar
<b>Material</b>	Stainless Steel

<b>Product Dimensions</b>	70 x 20 x 26 cm
<b>Item Weight</b>	16.2 Kilograms
<b>Connection Cable Length</b>	1.5 meters



**Image 4.1:** The garden pump illustrating its approximate dimensions: 478mm length, 208mm width, and 405mm height.

## 5. SETUP

Proper setup is crucial for the pump's performance and longevity.

### 5.1 Placement

- Place the pump on a firm, level surface to prevent vibration and movement.
- Ensure the pump is in a dry, well-ventilated area, protected from direct sunlight, rain, and frost.
- Maintain sufficient clearance around the pump for air circulation and access for maintenance.
- The pump should be positioned as close as possible to the water source to minimize suction lift and maximize efficiency.

### 5.2 Water Connections

1. **Suction Line:** Connect a reinforced suction hose (not supplied) to the pump's suction inlet. Ensure all connections are airtight to prevent air from entering the system, which can cause the pump to lose prime. The suction hose should have a non-return valve and a foot filter at its end to prevent debris from entering the pump and to maintain prime.
2. **Discharge Line:** Connect a suitable discharge hose or pipe to the pump's outlet. Ensure this connection

is secure.

### 5.3 Priming the Pump

Before initial operation, the pump must be primed:

1. Unscrew the priming plug (usually located on top of the pump housing).
2. Fill the pump housing completely with clean water until it overflows.
3. Replace and securely tighten the priming plug.
4. Ensure the discharge valve (if present) is open to allow air to escape during priming.

### 5.4 Electrical Connection

- Connect the pump's power cable to a grounded electrical outlet.
- Verify that the voltage and frequency of your power supply match the pump's requirements (230V~50Hz).

## 6. OPERATING INSTRUCTIONS

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The STERWINS Automatic Garden Pump is designed for automatic operation.

### 6.1 Initial Start-up

1. Ensure the pump is properly primed (Section 5.3).
2. Plug the pump into the electrical outlet. The "Power on" indicator light on the pressure control unit should illuminate.
3. Open a tap or valve in the discharge line. The pump will automatically start, indicated by the "Pump on" light.
4. Allow the pump to run until a steady flow of water is achieved and all air has been expelled from the system.
5. Close the tap/valve. The pump will continue to run for a short period to build pressure, then automatically switch off. The "Pump on" light will extinguish.

### 6.2 Automatic Operation

The integrated pressure control unit manages the pump's operation:

- When a water demand is detected (e.g., opening a tap), the pressure in the system drops, and the control unit automatically switches the pump on.
- When the water demand ceases (e.g., closing a tap), the pressure builds up, and the control unit automatically switches the pump off.

### 6.3 Dry-Run Protection

The pump is equipped with a dry-run protection feature:

- If the pump detects no water in the suction line, it will automatically shut off after approximately 3 minutes to prevent damage.
- The "Failure" indicator light may illuminate.
- To reset after a dry-run shutdown, rectify the water supply issue (e.g., refill water source, check suction line for leaks), then press the "Restart" button on the pressure control unit.

### 6.4 Shutting Down

For temporary shutdown, simply close all water outlets. The pump will switch off automatically. For extended

periods of non-use, disconnect the pump from the power supply.

## 7. MAINTENANCE

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

### 7.1 Cleaning

- Periodically clean the exterior of the pump with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Check and clean the foot filter on the suction hose regularly to prevent blockages.

### 7.2 Winterization

If the pump is exposed to freezing temperatures, it must be winterized to prevent damage:

1. Disconnect the pump from the power supply.
2. Drain all water from the pump and hoses. Remove the drain plug (if present) and disconnect hoses.
3. Store the pump in a dry, frost-free location.

### 7.3 General Checks

- Inspect all hoses and connections for leaks or damage.
- Check the power cable and plug for any signs of wear or damage.
- Ensure the pump is securely mounted and stable.

## 8. TROUBLESHOOTING

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Before contacting customer support, refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Pump does not start.	No power supply. Thermal overload. Dry-run protection activated.	Check power connection and fuse. Allow pump to cool down; it will restart automatically. Check water supply, then press "Restart" button.
Pump runs but no water is delivered.	Pump not primed. Air leak in suction line. Foot filter blocked. Water source empty.	Prime the pump (Section 5.3). Check all suction line connections for airtightness. Clean the foot filter. Ensure water source has sufficient water.
Low water pressure/flow.	Partial blockage in suction/discharge line. Air in the system. Pump operating beyond its capacity.	Check and clear any blockages. Re-prime the pump and check for air leaks. Ensure the application is within the pump's specified max. delivery head and flow rate.
Pump switches on and off frequently.	Small leak in the system. Pressure control unit malfunction.	Check all connections and pipes for leaks. Contact customer support if the issue persists.

## 9. WARRANTY AND SUPPORT

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STERWINS products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact your retailer. For technical support or service inquiries, please contact STERWINS customer service or your authorized dealer.

For more information about STERWINS products, visit the official [STERWINS Store on Amazon](#).