ADEO 3276005712003

STERWINS Home Water Pump 1300 W

Model: 3276005712003

1. Introduction

This manual provides essential information for the safe and efficient use of your STERWINS Home Water Pump 1300 W. This multi-stage garden water pump is designed to increase water pressure in your pipes, supply water for household installations, and assist with garden irrigation. It is suitable for clear, sand-free water sources such as rainwater, swimming pools, or ponds. The integrated 50-liter tank allows for efficient water supply for various domestic uses, including toilet flushing or washing machine operation. The pump also acts as a booster to maintain consistent water pressure, even when multiple appliances are in use simultaneously.

2. Safety Information

Read all safety warnings and instructions carefully before installing or operating the pump. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

General Safety

- Always disconnect the pump from the power supply before performing any maintenance, cleaning, or adjustments.
- Ensure the pump is placed on a stable, level surface to prevent tipping.
- Keep children and unauthorized persons away from the pump during operation.
- Do not operate the pump if the power cord or plug is damaged. Have it replaced by a qualified electrician.
- Protect the pump from frost. Drain the pump completely if there is a risk of freezing temperatures.
- This pump is designed for clear, sand-free water. Do not use it for flammable, corrosive, or explosive liquids.

Electrical Safety

- Ensure the power supply voltage matches the rating on the pump's label.
- Always use a grounded outlet.
- Do not immerse the pump or its electrical connections in water.
- The motor is protected by a built-in thermostat against overheating. If overheating occurs, the pump will automatically shut

off and restart after cooling.

3. Product Overview

The STERWINS Home Water Pump 1300 W is a robust and powerful unit designed for various water supply needs. Its stainless steel housing ensures durability and resistance to wear.

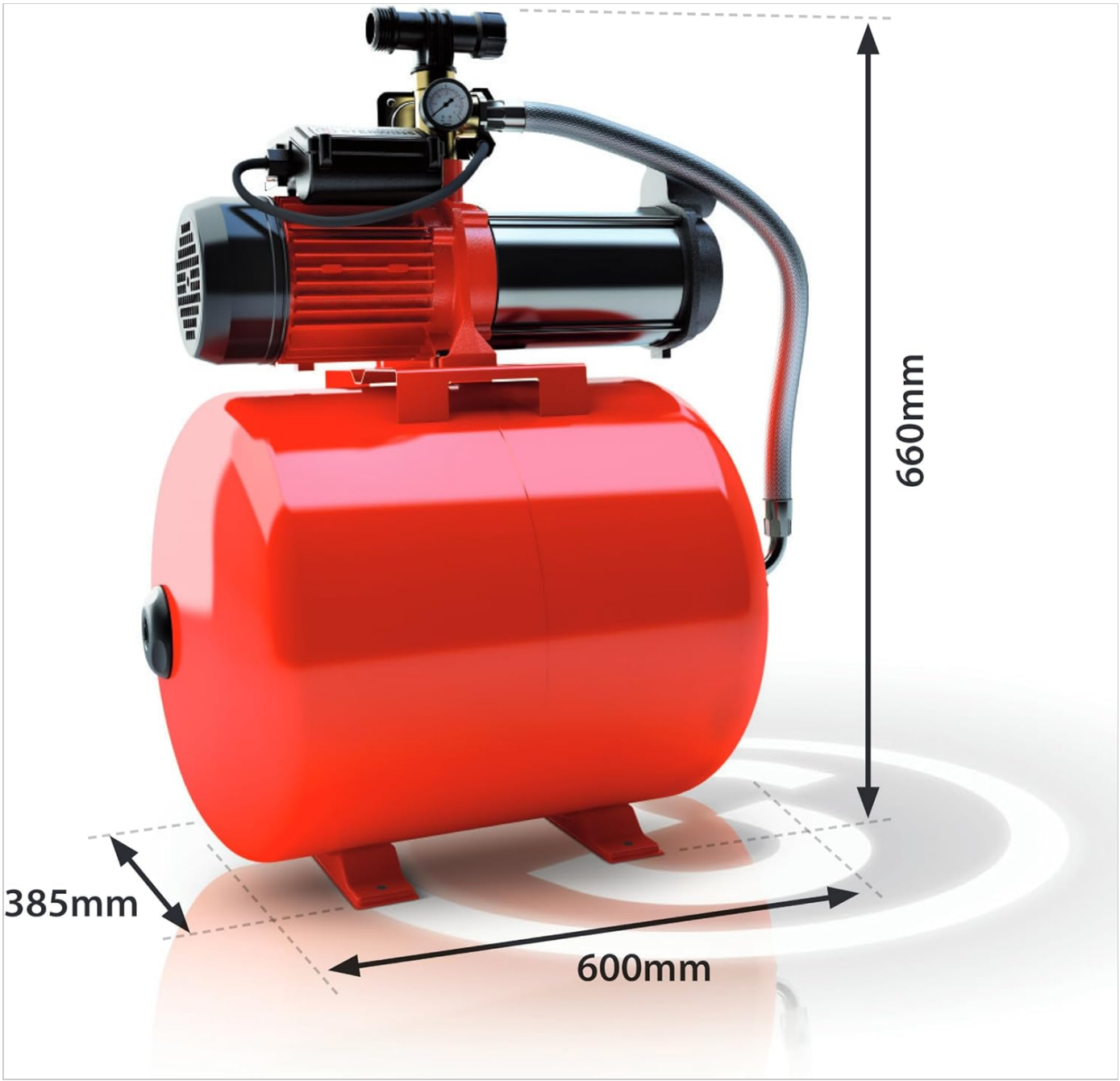

Image 1: STERWINS Home Water Pump with 50-liter pressure tank. Icons indicate maximum self-priming height of 8 meters, maximum head of 55 meters, and a 50-liter tank capacity. The pump features auto-start and multi-cellular technology for efficient operation.

Key Features:

- **Powerful Motor:** 1300 W for efficient water pumping.
- **High Flow Rate:** Up to 6000 liters per hour.
- **Significant Head:** Maximum delivery height of 55 meters.
- **Effective Suction:** Maximum self-priming depth of 8 meters.
- **Integrated Pressure Tank:** 50-liter capacity for consistent water supply.
- **Durable Construction:** Stainless steel housing for longevity.

- **Overheat Protection:** Automatic thermal cut-off with auto-restart.

4. Technical Specifications

Feature	Specification
Model Number	3276005712003
Manufacturer	ADEO
Power	1300 W
Max. Flow Rate	6000 Liters Per Hour
Max. Self-priming Height	8 m
Max. Head	55 m
Tank Volume	50 Liters
Max. Pressure	5.5 bar
Power Source	Electric with cord
Material	Stainless Steel (housing)
Product Dimensions (L x W x H)	600 mm x 385 mm x 660 mm (approx. 66 x 42 x 78 cm)
Weight	31.2 kg
Connection Cable Length	1.5 m
Included Components	None (pump unit only)

Image 2: Dimensional view of the STERWINS Home Water Pump, showing approximate measurements: 660mm height, 600mm length, and 385mm width.

5. Setup and Installation

Proper installation is crucial for the pump's performance and longevity. If you are unsure about any steps, consult a qualified professional.

Location Selection

- Place the pump on a firm, level, and dry surface, protected from direct weather exposure and frost.
- Ensure adequate ventilation around the pump to prevent overheating.
- Keep the pump as close as possible to the water source to minimize suction lift and maximize efficiency.

Connecting to Water Source

1. **Suction Line:** Connect a robust, non-collapsible suction hose to the pump's inlet. Ensure the hose is airtight to prevent air leaks, which can impair priming. Use a foot valve with a filter at the end of the suction hose in the water source to prevent debris from entering the pump and to maintain prime.
2. **Discharge Line:** Connect a suitable pressure hose to the pump's outlet. Ensure all connections are securely tightened to prevent leaks.

Priming the Pump

Before first use, the pump must be primed (filled with water).

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 line is open (e.g., open a tap) to allow air to escape during priming.

Electrical Connection

- Connect the pump's power cable to a properly grounded electrical outlet.
- Ensure the electrical circuit is protected by a Residual Current Device (RCD) for added safety.

6. Operation

Once installed and primed, your STERWINS Home Water Pump is ready for operation.

Starting the Pump

1. Ensure all connections are secure and the pump is primed.
2. Plug the power cord into the electrical outlet. The pump will automatically start when water is drawn (e.g., by opening a tap) and the pressure drops below a set threshold.
3. Allow the pump to run for a few minutes to ensure all air is expelled from the system and a steady water flow is established.

Automatic Operation

The pump operates automatically based on pressure. When water is consumed, the pressure in the tank drops, and the pump starts. When water consumption stops and the pressure reaches its maximum, the pump shuts off. This ensures a constant water supply and pressure.

Stopping the Pump

To stop the pump, simply close all water outlets. The pump will automatically shut off once the desired pressure is reached. For extended periods of non-use or maintenance, disconnect the pump from the power supply.

7. Maintenance

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

General Maintenance

- **Cleaning:** Periodically clean the exterior of the pump with a damp cloth. Do not use harsh detergents or solvents.
- **Check Connections:** Regularly inspect all hose and pipe connections for leaks and tighten if necessary.
- **Foot Valve Filter:** If using a foot valve with a filter, check and clean the filter regularly to prevent blockages and maintain efficient suction.

Winterization (Frost Protection)

If the pump is exposed to freezing temperatures, it must be completely drained to prevent damage.

1. Disconnect the pump from the power supply.
2. Disconnect the suction and discharge hoses.
3. Remove the drain plug (usually located at the bottom of the pump housing) and allow all water to drain out.
4. Tilt the pump if necessary to ensure complete drainage.
5. Store the pump in a frost-free environment.

8. Troubleshooting

Before contacting customer service, try to resolve common issues using the table below.

Problem	Possible Cause	Solution
Pump does not start.	No power supply. Overheat protection activated. Motor fault.	Check power connection and fuse. Allow pump to cool down; it will restart automatically. Contact qualified service personnel.
Pump runs but no water is delivered.	Pump not primed. Air leak in suction line. Suction line blocked. Water source empty.	Prime the pump (see Setup section). Check all suction line connections for airtightness. Clean foot valve filter and suction hose. Ensure sufficient water in the source.
Low water pressure or flow.	Partial blockage in suction/discharge line. Air in the system. Pump worn or damaged.	Check and clear any blockages. Re-prime the pump. Contact qualified service personnel.
Pump switches on and off frequently.	Small leak in the system. Pressure tank pre-charge pressure incorrect. Foot valve leaking.	Check all pipes and connections for leaks. Consult a professional to check/adjust tank pressure. Inspect and replace foot valve if necessary.

9. Environmental Protection and Disposal

Do not dispose of electrical appliances with household waste. Use local collection points for electronic waste. Contact your local authorities or retailer for information on recycling.