

Garland 502 E-V

Garland 502 E-V Artificial Grass Sweeper Vacuum

USER MANUAL

1. Introduction

Thank you for choosing the Garland 502 E-V Artificial Grass Sweeper Vacuum. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new sweeper. Please read this manual thoroughly before first use and keep it for future reference.

The Garland 502 E-V is designed to revitalize residential artificial grass, restoring its natural appearance by straightening fibers and collecting debris. Its robust brush roller with high-quality nylon bristles ensures impeccable results, even in hard-to-reach areas. Lightweight, compact, and maneuverable, it features a foldable handle for easy transport and storage, and a removable collection bin.

2. Safety Instructions

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and sturdy footwear during operation.
- Ensure the power cord is in good condition and avoid operating in wet conditions to prevent electric shock.
- Keep children and pets away from the operating area.
- Never operate the sweeper without the collection bin properly installed.
- Disconnect the power supply before performing any maintenance, cleaning, or when the machine is not in use.
- Do not use the appliance for purposes other than those described in this manual.
- Inspect the area for any large objects that could damage the brushes or motor before starting.

3. Package Contents

Upon unpacking, ensure all the following components are present and undamaged:

- Garland 502 E-V Sweeper Unit

- Brush Roller (pre-mounted or separate)
- Collection Bin
- Upper Handle Section
- Middle Handle Section
- Lower Handle Section
- Lower Handle Bolts
- Screws with Handle and Knob
- Cable Hook
- Scarifier Cylinder (mounted on the machine)
- Instruction Manual

4. Setup

Follow these steps to assemble your Garland 502 E-V sweeper:

1. **Handle Assembly:** Connect the lower, middle, and upper handle sections using the provided bolts, screws, and knobs. Ensure all connections are secure. The handle is designed to be foldable for storage.
2. **Collection Bin Installation:** The collection bin slides into the rear of the sweeper unit. Ensure it clicks securely into place before operation.
3. **Power Connection:** Connect the sweeper to a standard 230 V ~ 50 Hz electrical outlet. Use an appropriate outdoor extension cord if necessary, ensuring it is rated for outdoor use and the power requirements of the sweeper.



Figure 1: Garland 502 E-V Artificial Grass Sweeper Vacuum with collection bin and handle.

5. Operating Instructions

- Starting the Sweeper:** Ensure the sweeper is connected to power and the collection bin is in place. Press the power switch (location may vary, refer to specific diagrams in the printed manual) to start the motor.
- Adjusting Sweeping Height:** The sweeper features 6 adjustable height positions. Adjust the height according to the condition of your artificial grass and the amount of debris. For heavily soiled areas, a lower setting will allow the brushes to apply more pressure to the ground. For relatively flat and less soiled surfaces, a higher setting may be sufficient.
- Sweeping Technique:** Push the sweeper forward at a steady pace. Overlap each pass slightly to ensure complete coverage. The robust brush roller will lift and collect debris into the collection bin.
- Edge Sweeping:** The sweeper is designed to effectively clean along walls or borders. Guide the sweeper carefully along edges to collect debris.
- Monitoring the Collection Bin:** Periodically check the collection bin. Do not allow it to overfill, as this can reduce sweeping efficiency and strain the motor.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your sweeper.

- Emptying the Collection Bin:** Disconnect the power. Remove the collection bin and empty its contents into a suitable waste receptacle. Clean the bin with water if necessary and allow it to dry completely before reattaching.
- Cleaning the Brushes:** Disconnect the power. Regularly inspect the brush roller for tangled debris (e.g., long grass, string, hair). Carefully remove any obstructions. If brushes are worn, they may need replacement (contact customer support for replacement parts).
- General Cleaning:** Wipe down the exterior of the sweeper with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no water enters the motor housing.
- Storage:** Store the sweeper in a dry, protected area. The handle can be folded for compact storage.

7. Troubleshooting

Problem	Possible Cause	Solution
Sweeper does not start	No power supply; Power switch off; Overload protection activated	Check power connection; Turn on power switch; Allow motor to cool down, then restart.
Poor sweeping performance	Collection bin full; Brushes worn or tangled; Incorrect height setting	Empty collection bin; Clean or replace brushes; Adjust sweeping height.
Unusual noise or vibration	Debris caught in brushes; Loose components	Disconnect power and remove debris; Check all fasteners and tighten if loose.

8. Specifications

Feature	Specification
Brand	Garland
Model	502 E-V
Motor Type	Electric

Feature	Specification
Voltage/Frequency	230 V ~ 50 Hz
Power	1600 W
Working Width	40 cm
Collection Bin Volume	40 L
Weight	15.6 kg
Brush Roller	Robust with nylon bristles
Handle	Adjustable and foldable

9. Warranty and Support

Your Garland 502 E-V Artificial Grass Sweeper Vacuum is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your package for specific terms and conditions, including the warranty period and how to make a claim.

For technical assistance, spare parts, or any questions not covered in this manual, please contact Garland customer support through their official website or the contact information provided with your purchase.

Always provide your product model number (502 E-V) and serial number when seeking support.