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Gardebruk Greenhouse Model 997381 User Manual

Model: 997381 | Brand: Gardebruk

1. INTRODUCTION

Thank you for choosing the Gardebruk Greenhouse Model 997381. This manual provides essential information for the safe assembly, operation, and maintenance of your greenhouse. Please read these instructions carefully before beginning assembly or use to ensure proper function and longevity of the product.

This high-quality greenhouse features anodized aluminum profiles and heat-insulating 4mm hollow chamber polycarbonate sheets. It is designed to provide an optimal environment for plant cultivation, offering features such as a roof window for ventilation, a sliding door for access, and a rain gutter system for water collection.

2. SAFETY INFORMATION

- **Assembly Safety:** Always assemble the greenhouse with at least two people. Wear appropriate protective gear, such as gloves, to prevent injuries from sharp edges of aluminum profiles or polycarbonate sheets.
- **Site Selection:** Choose a level, stable, and well-drained location for installation. Ensure the site is clear of overhead obstructions like tree branches or power lines.
- **Anchoring:** Securely anchor the greenhouse to the ground using the provided galvanized steel base and T-connectors to prevent damage from strong winds.
- **Ventilation:** Ensure adequate ventilation, especially during hot weather, by utilizing the roof window and sliding door to prevent overheating inside the greenhouse.
- **Weight Distribution:** Do not hang heavy objects from the greenhouse frame. Avoid placing excessive weight on the roof or walls.
- **Children and Pets:** Keep children and pets away from the assembly area. Once assembled, supervise children around the greenhouse to prevent accidents.
- **Weather Conditions:** In areas prone to heavy snowfall, clear snow accumulation from the roof promptly to prevent structural damage. During extreme weather, ensure all doors and windows are securely closed.

3. PRODUCT OVERVIEW AND FEATURES

The Gardebruk Greenhouse Model 997381 is designed for durability and functionality, providing an ideal environment for various plants. Key features include:

- **Anodized Aluminum Frame:** Provides a weather-resistant and long-lasting structure.

- **4mm Hollow Chamber Polycarbonate Sheets:** Offers heat insulation and UV resistance, protecting plants from harsh sunlight.
- **Roof Window:** A foldable roof window ensures optimal air circulation and temperature regulation.
- **Sliding Door:** A large, lockable sliding door provides easy access and additional ventilation.
- **Rain Gutter System:** Integrated rain gutters with drainage holes allow for efficient collection and utilization of rainwater.
- **Galvanized Steel Base:** Provides a stable foundation and prevents sinking on soft ground, ensuring the greenhouse remains square and secure.
- **Reinforced Stability:** Additional struts in the wall, side, and roof areas enhance stability against wind and snow loads.

DEINE VORTEILE

DACHFENSTER
Perfekte Luftzirkulation

8 BODENANKER
Stabil verbaut

REGENRINNE

LANGLEBIG
Verstrebungen aus eloxiertem Aluminium

Figure 1: Key features of the Gardebruk Greenhouse, highlighting the roof window, ground anchors, rain gutter, and durable aluminum frame.

MIT DACHFENSTER UND SCHIEBETÜR



SCHIEBETÜR
Mit Verriegelung



**PERFEKTE
LUFTZIRKULATION**



**Inklusive
Thermometer**



Figure 2: Operational features such as the sliding door with locking mechanism and perfect air circulation, along with icons for UV resistance and weather protection.

4. SETUP INSTRUCTIONS

The assembly of the Gardebruk Greenhouse requires careful attention to detail. It is recommended to have at least two people for assembly.

4.1 Site Preparation

- Select a flat, level, and stable area for the greenhouse.
- Clear the area of any debris, rocks, or vegetation.
- Ensure good drainage to prevent water accumulation around the base.

4.2 Foundation Assembly

The galvanized steel base provides crucial stability. Assemble the base frame according to the included diagrams, ensuring all T-connectors are securely fastened. This base helps prevent the greenhouse from sinking and provides a solid anchor point.

SCHÜTZEND & STANDFEST



FUNDAMENT
Aus verzinktem
Stahl



**ZUSÄTZLICHE
VERSTREBUNGEN**
Verstärkt und sicher

Figure 3: The galvanized steel foundation and reinforced struts contribute to the greenhouse's protective and stable design.

4.3 Frame Assembly

- Follow the step-by-step instructions provided in the separate assembly manual for connecting the anodized aluminum profiles.
- Pay close attention to the orientation of each profile and the placement of additional struts for enhanced stability.
- Use the self-locking screws to ensure all connections are firm and secure.

4.4 Panel Installation

- Carefully insert the 4mm hollow chamber polycarbonate sheets into the designated channels of the aluminum frame.
- Ensure the UV-protected side of the panels faces outwards (if applicable, check panel markings).
- Secure the panels with the provided mounting brackets.

4.5 Door and Window Installation

- Install the sliding door and roof window according to the assembly manual.

- Ensure the sliding door operates smoothly and the roof window opens and closes freely.
- Verify the door can be securely locked with the included bolts.

5. OPERATING INSTRUCTIONS

Proper operation of your greenhouse will help maintain an optimal growing environment for your plants.

5.1 Ventilation

- The foldable roof window is crucial for regulating internal temperature and humidity. Open it during warm periods to allow hot air to escape and fresh air to circulate.
- The sliding door can also be opened to increase airflow, especially on very hot days.
- Monitor the internal temperature (a thermometer is recommended) to determine when ventilation is needed. The greenhouse is designed to operate within a temperature range of -25°C to +60°C.

5.2 Rainwater Collection

- The integrated rain gutter system directs rainwater along the sides of the greenhouse.
- Position appropriate containers beneath the water drainage holes at the end of the gutters to collect rainwater for irrigation.

5.3 Door Operation

- To open the sliding door, gently slide it along its track.
- To secure the greenhouse, close the door completely and engage the locking bolts.

6. MAINTENANCE

Regular maintenance will extend the life of your Gardebruk Greenhouse and ensure its continued performance.

- **Cleaning Panels:** Periodically clean the polycarbonate panels with mild soap and water using a soft cloth or sponge. Avoid abrasive cleaners or brushes that could scratch the surface. Rinse thoroughly with clean water.
- **Frame Inspection:** Annually inspect the aluminum frame for any loose screws, bolts, or damaged profiles. Tighten any loose fasteners and replace damaged parts as needed.
- **Gutter Cleaning:** Clear the rain gutters of leaves, dirt, and other debris regularly to ensure proper water flow and prevent blockages.
- **Door and Window Tracks:** Keep the tracks of the sliding door and roof window clean and free of obstructions to ensure smooth operation. Lubricate if necessary with a silicone-based spray.
- **Winter Preparation:** In regions with heavy snowfall, gently remove snow accumulation from the roof to prevent excessive weight on the structure. Ensure all doors and windows are securely closed during cold weather.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your greenhouse.

- **Issue: Poor Ventilation / Overheating.**
Solution: Ensure the roof window and sliding door are open during warm periods. Check for any obstructions blocking airflow. Consider adding an automatic vent opener for the roof window.
- **Issue: Water Leakage.**
Solution: Inspect the polycarbonate panels for proper seating in the frame channels. Check for any gaps or cracks in the panels or seals. Ensure the rain gutter system is clear and correctly installed.

- **Issue: Door or Window Sticking.**

Solution: Clean the tracks of the sliding door and roof window to remove dirt or debris. Apply a silicone lubricant to the tracks if necessary. Check for any bent or misaligned components.

- **Issue: Structural Instability.**

Solution: Verify that the galvanized steel base is securely anchored to the ground. Check all frame connections and tighten any loose screws or bolts. Ensure all additional struts are correctly installed.

8. SPECIFICATIONS

Detailed technical specifications for the Gardebruk Greenhouse Model 997381.



Figure 4: Dimensions of the Gardebruk Greenhouse, indicating a floor area of 3.6 m² and a volume of 5.8 m³.

Feature	Specification
Model Number	997381
Brand	Gardebruk
Product Dimensions (L x W x H)	190 x 190 x 195 cm (74.8 x 74.8 x 76.77 inches)
Floor Area	3.6 m ²
Volume	5.8 m ³
Door Dimensions	61 x 162 cm
Frame Material	Anodized Aluminium Profiles
Panel Material	4mm Polycarbonate Hollow Chamber Sheets
Base Material	Galvanized Steel
Temperature Range	-25 °C to +60 °C
Roof Window	1 (foldable)

9. WARRANTY AND SUPPORT

Specific warranty details are not provided in the product information. For warranty claims, technical support, or replacement parts, please contact Gardebruk customer service directly. Retain your proof of purchase for any warranty-related inquiries.