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## Vopese 155x103x191cm

# Vopese Anthracite Grey Aluminum Glass Greenhouse User Manual

Model: 155x103x191cm

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## 1. INTRODUCTION

Thank you for choosing the Vopese Anthracite Grey Aluminum Glass Greenhouse. This manual provides essential information for the safe assembly, operation, and maintenance of your new greenhouse. Please read these instructions thoroughly before beginning assembly or use to ensure proper function and longevity of the product. This greenhouse is designed to create an optimal environment for plant cultivation, protecting them from adverse weather conditions and promoting healthy growth.

## 2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the product.

- **Assembly:** Always assemble the greenhouse with at least two people. Wear appropriate personal protective equipment, including gloves and safety glasses, especially when handling glass panels.
- **Site Selection:** Choose a level, stable, and well-drained site for installation. Ensure the location is clear of overhead power lines, trees, or other structures that could pose a hazard.
- **Anchoring:** Securely anchor the greenhouse to the ground to prevent it from being lifted or damaged by strong winds.
- **Glass Handling:** Glass panels are fragile. Handle them with extreme care to avoid breakage and cuts. Do not lean against or apply excessive force to the glass.
- **Ventilation:** Ensure adequate ventilation, especially during hot weather, to prevent overheating inside the greenhouse.
- **Children and Pets:** Keep children and pets away from the assembly area. Once assembled, supervise children around the greenhouse to prevent accidents.
- **Maintenance:** Regularly inspect the structure for loose parts, damaged glass, or corrosion. Address any issues promptly.
- **Weight Limit:** Do not hang heavy objects from the greenhouse frame or roof.

### 3. PRODUCT OVERVIEW

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The Vopese Anthracite Grey Aluminum Glass Greenhouse is constructed from durable aluminum and steel, designed for thermal insulation and UV resistance. It features a robust, maintenance-free aluminum frame with a steel base for enhanced stability. The design includes a functional door and a roof vent for climate control.



*Figure 3.1: Fully assembled Vopese Anthracite Grey Aluminum Glass Greenhouse in a garden environment. This image shows the overall structure, including the glass panels, anthracite grey aluminum frame, and the roof vent.*

#### 3.1 Components

Before assembly, ensure all components are present and undamaged. Refer to the packing list provided with your product for a complete inventory.

- **Aluminum Frame:** Main structural elements.
- **Steel Base:** Provides foundational stability.
- **Glass Panels:** For walls and roof.
- **Door Assembly:** Sliding or hinged door for access.

- **Roof Vent:** For ventilation and temperature regulation.
- **Fasteners and Seals:** Screws, bolts, nuts, and rubber seals for assembly and weatherproofing.



*Figure 3.2: Front-side view of the Vopese greenhouse, highlighting the anthracite grey aluminum frame and the clear glass panels. The door is visible on the front face.*

## 4. SETUP AND ASSEMBLY

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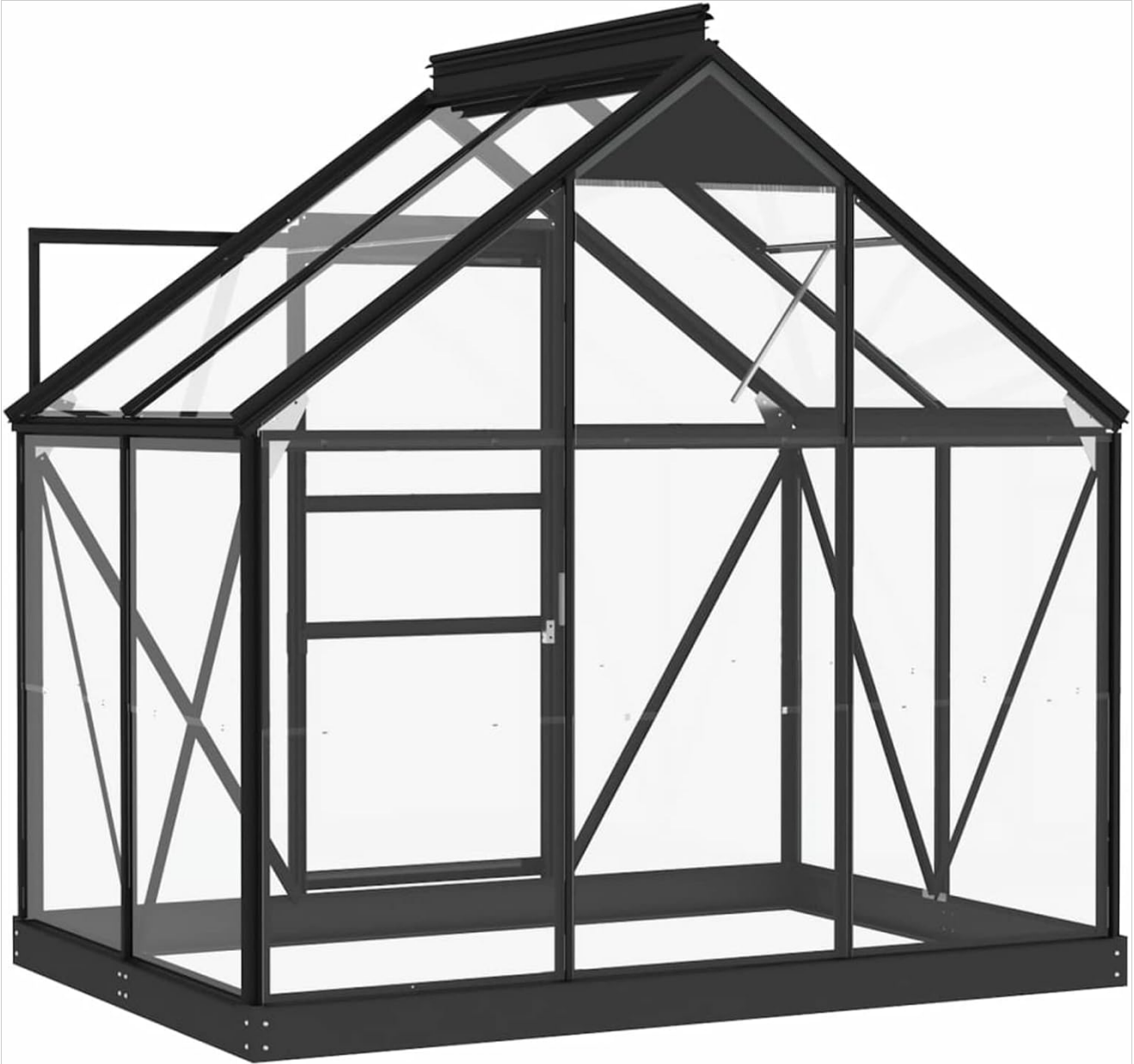
Assembly requires careful attention to detail and adherence to the provided instructions. It is recommended that two people perform the assembly.

### 4.1 Site Preparation

1. **Choose Location:** Select a level, well-drained area that receives adequate sunlight.
2. **Clear Area:** Remove any debris, rocks, or vegetation from the chosen site.
3. **Level Ground:** Ensure the ground is perfectly level to prevent structural stress and ensure proper door and vent operation. A concrete slab or paved area is ideal.

### 4.2 Frame Assembly

1. **Base Frame:** Assemble the steel base frame according to the diagrams in your separate assembly guide. Ensure all corners are square and fasteners are tightened.
2. **Vertical Supports:** Attach the vertical aluminum profiles to the base frame.
3. **Roof Structure:** Connect the roof profiles to the vertical supports, forming the basic skeletal structure of the greenhouse.
4. **Bracing:** Install all diagonal bracing elements for added rigidity.

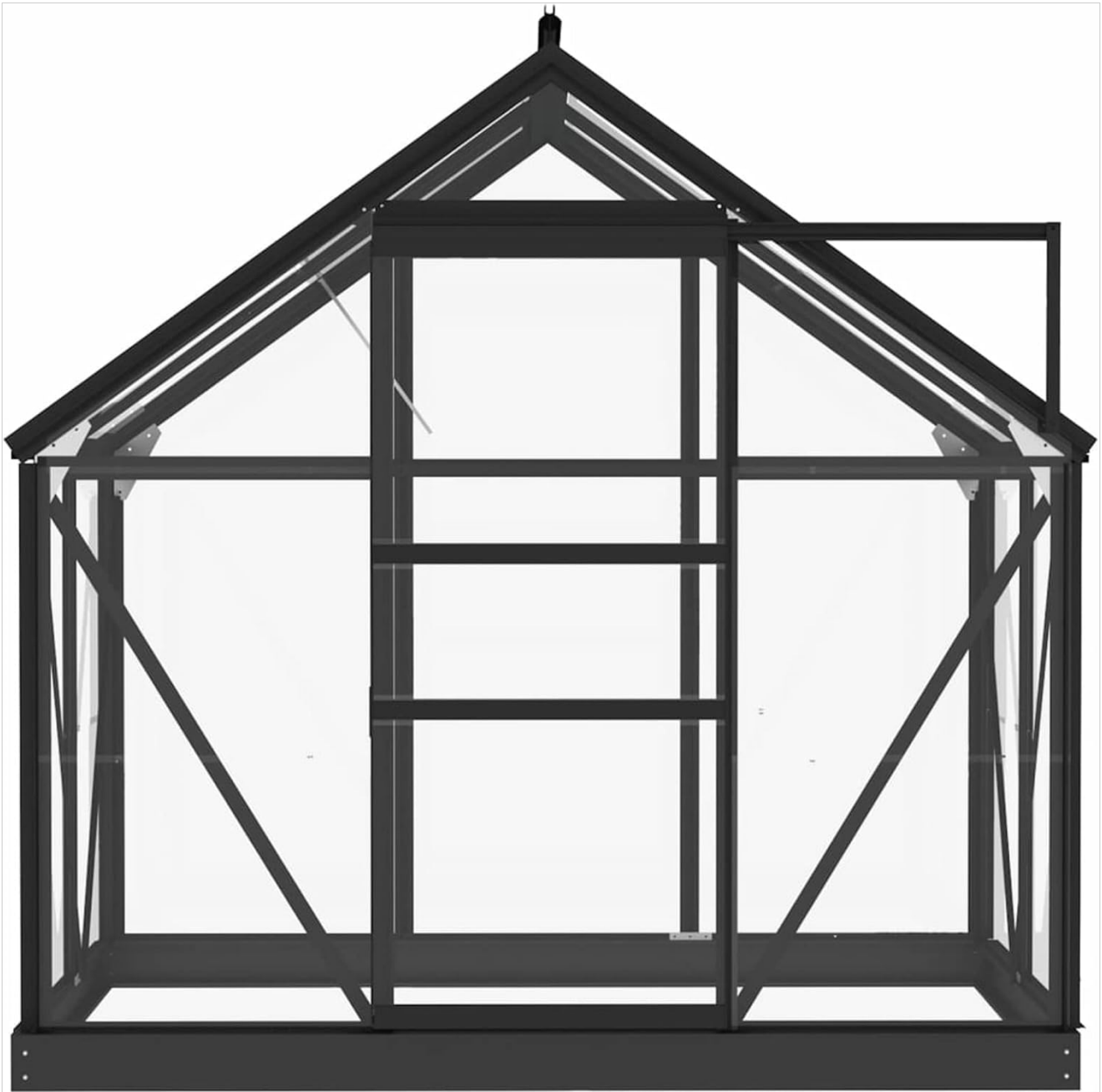


*Figure 4.1: Side view of the greenhouse frame, illustrating the structural integrity and the arrangement of the aluminum profiles before glass installation.*

### 4.3 Glass Panel Installation

Handle glass panels with extreme care. Wear heavy-duty gloves.

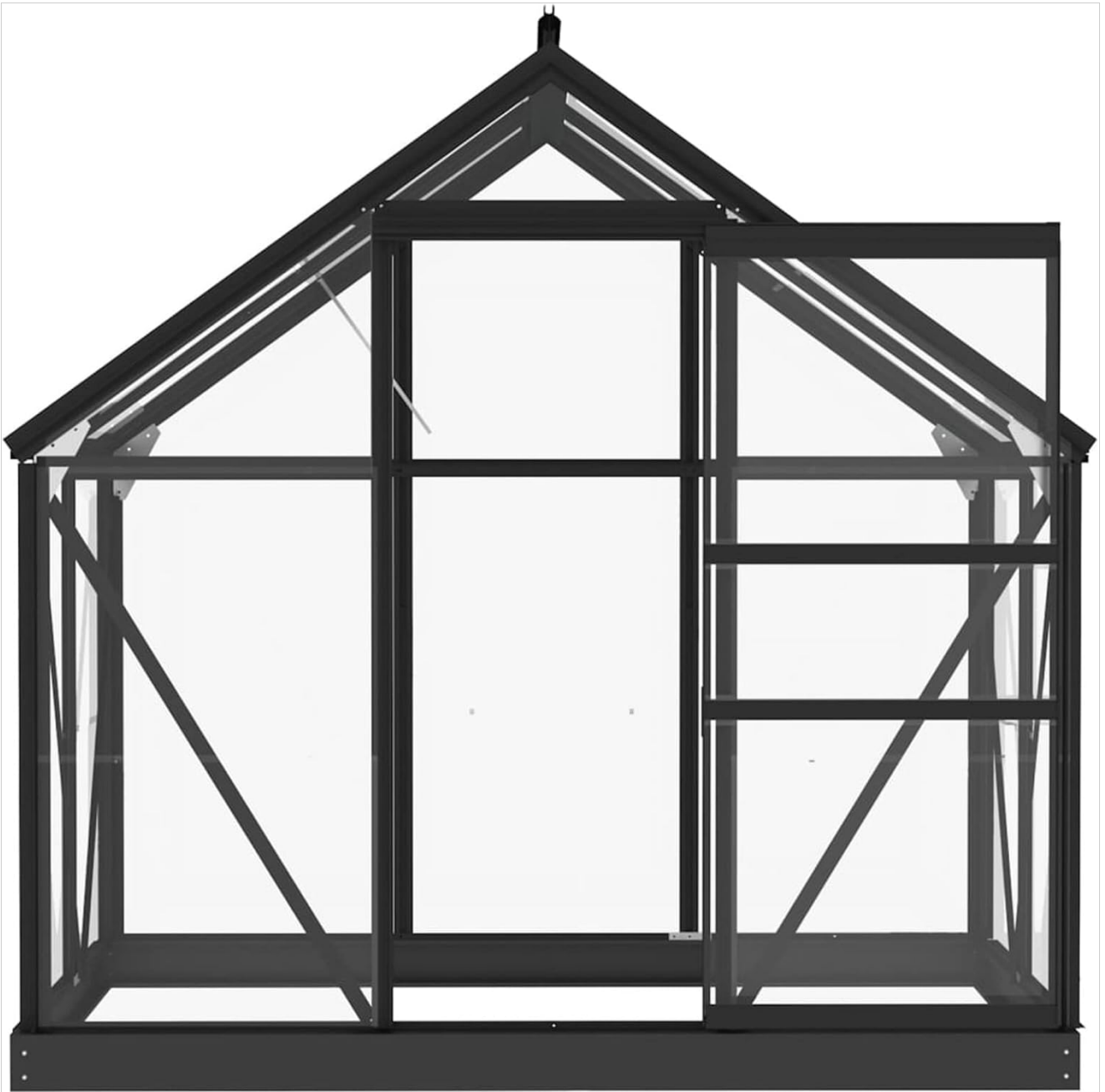
1. **Wall Panels:** Carefully slide or secure the glass panels into the designated frame channels for the walls. Start from the bottom and work upwards.
2. **Roof Panels:** Install the roof glass panels, ensuring they are properly seated and sealed to prevent leaks.
3. **Sealing:** Apply all rubber seals and clips as instructed in your assembly guide to secure the glass and provide weatherproofing.



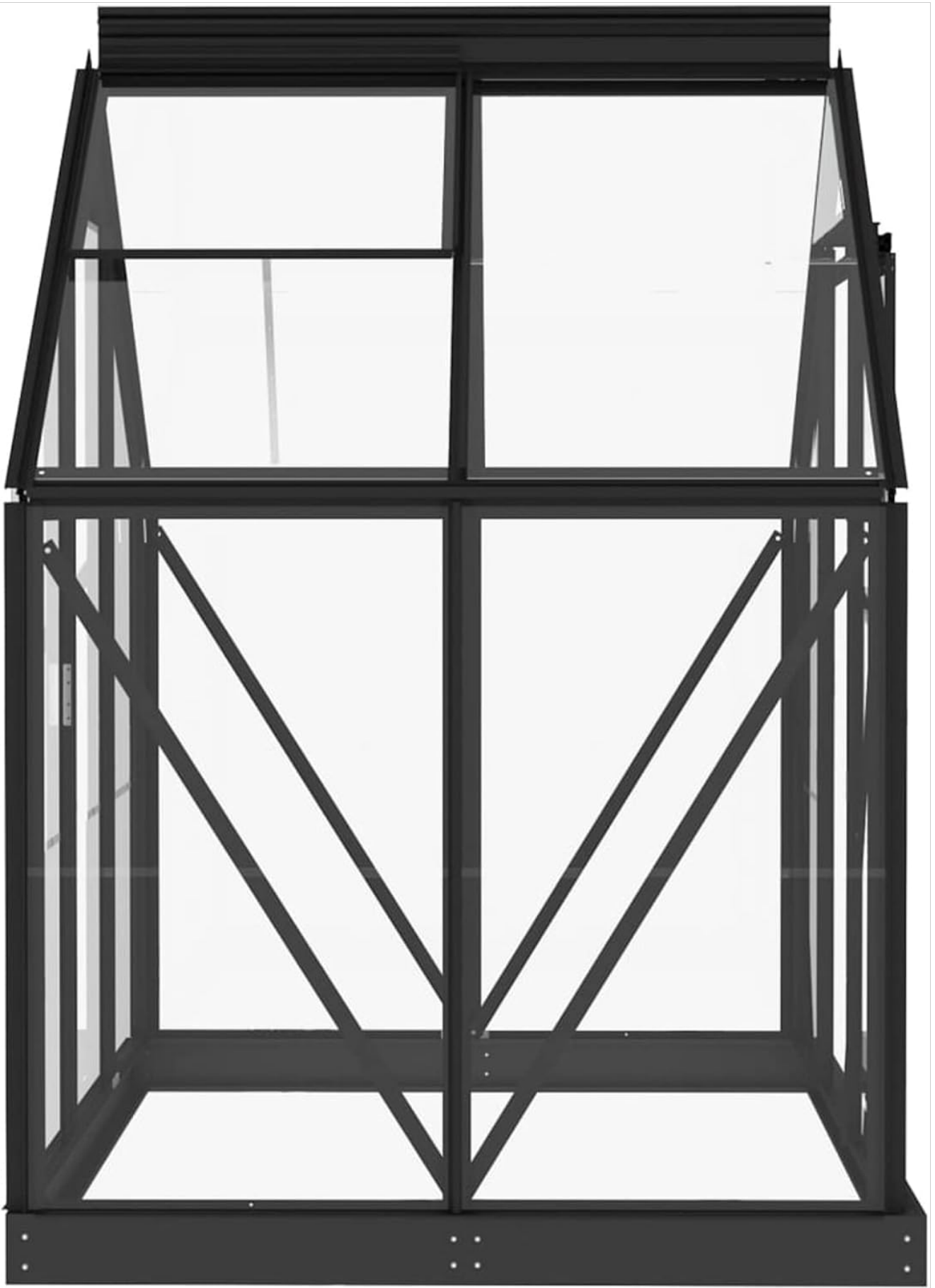
*Figure 4.2: Front view of the Vopese greenhouse with all glass panels installed, showcasing the transparent structure.*

#### **4.4 Door and Vent Installation**

1. **Door Assembly:** Assemble the door frame and install the glass panels for the door. Mount the door onto the main frame, ensuring it slides or swings freely and closes securely.
2. **Roof Vent:** Install the roof vent mechanism and glass panel. Test its operation to ensure it opens and closes smoothly.



*Figure 4.3: Front view of the Vopese greenhouse with the door in an open position, demonstrating accessibility.*



*Figure 4.4: Rear view of the Vopese greenhouse, showing the roof vent in an open position for air circulation.*



*Figure 4.5: Close-up detail of the roof vent mechanism, illustrating its design for manual or automatic opening.*

## 4.5 Anchoring

Once assembled, securely anchor the greenhouse to the ground using appropriate anchoring kits (may be sold separately or included). This is crucial for stability, especially in windy conditions.

## 5. OPERATING INSTRUCTIONS

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

### 5.1 Ventilation

- **Roof Vent:** Use the roof vent to regulate internal temperature and humidity. Open it during warm periods to release excess heat and reduce condensation.
- **Door:** Opening the door can also aid in cross-ventilation, especially on very hot days.
- **Automatic Vent Openers (Optional):** Consider installing automatic vent openers (not included) that react to temperature changes for hands-free ventilation.

### 5.2 Temperature and Humidity Control

- **Monitoring:** Use a thermometer and hygrometer inside the greenhouse to monitor conditions.

- **Shading:** During intense summer sun, consider using shade cloths (not included) to prevent scorching of plants and excessive heat buildup.
- **Watering:** Water plants as needed. The enclosed environment helps retain moisture, so adjust watering schedules accordingly.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your greenhouse.

- **Cleaning Glass:** Clean glass panels periodically with mild soap and water to maximize light transmission. Avoid abrasive cleaners.
- **Frame Inspection:** Annually inspect the aluminum frame and steel base for any signs of corrosion, loose fasteners, or damage. Tighten any loose bolts.
- **Seals:** Check rubber seals around glass panels and the door for deterioration. Replace if necessary to maintain insulation and weatherproofing.
- **Door and Vent Mechanisms:** Lubricate moving parts of the door and roof vent annually to ensure smooth operation.
- **Snow Removal:** In areas with heavy snowfall, gently remove accumulated snow from the roof to prevent excessive weight and potential damage.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
<b>Excessive Heat Inside</b>	Insufficient ventilation; intense sunlight.	Open roof vent and door. Consider using shade cloth during peak sun hours.
<b>Condensation/High Humidity</b>	Poor air circulation; cold exterior temperatures.	Increase ventilation by opening vents and door. Ensure proper plant spacing.
<b>Water Leaks</b>	Damaged or improperly installed seals; loose glass panels.	Inspect all seals and glass panel seating. Replace damaged seals. Tighten glass clips.
<b>Door/Vent Sticking</b>	Dirt/debris in tracks; lack of lubrication; frame distortion.	Clean tracks thoroughly. Apply silicone lubricant. Check if the base is level.
<b>Structural Instability</b>	Loose fasteners; inadequate anchoring; uneven base.	Tighten all bolts and screws. Ensure the greenhouse is securely anchored to a level foundation.

## 8. SPECIFICATIONS

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Key technical details for the Vopese Anthracite Grey Aluminum Glass Greenhouse.

**Brand:** Vopese

**Model:** 155x103x191cm

**Color:** Anthracite Grey

**Material:** Aluminum, Steel, Glass

**Overall Dimensions (W x D x H):** 155 cm x 103 cm x 191 cm

**Glass Thickness:** 3 mm

**Door Dimensions (W x H):** 49 cm x 154 cm

**Base Height:** 10.5 cm

**Assembly Required:** Yes

## **9. WARRANTY AND SUPPORT**

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For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

If you encounter any issues not covered in this manual or require further assistance, please contact Vopese customer service through the details provided on the product packaging or the official Vopese website.