

WKM WGH1016BG

WKM 10x16 FT Polycarbonate Greenhouse Instruction Manual

Model: WGH1016BG

INTRODUCTION

This manual provides essential instructions for the assembly, operation, and maintenance of your WKM 10x16 FT Polycarbonate Greenhouse. Designed for outdoor use, this greenhouse features a robust aluminum frame, polycarbonate panels, and adjustable roof vents to create an optimal environment for plant growth. Please read all instructions carefully before beginning assembly and retain this manual for future reference.

SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in injury or damage to the product.

- Always follow the assembly instructions carefully to avoid injury from sharp edges or heavy components.
- Ensure the greenhouse is properly anchored to the ground to prevent it from being blown over in strong winds.
- Regularly inspect and maintain the greenhouse to ensure it remains safe and structurally sound.
- Never leave the greenhouse unattended while the roof vents are open to prevent children or pets from entering and getting injured.
- Always follow local building codes and regulations for greenhouse installation and maintenance.

SETUP AND ASSEMBLY

The WKM greenhouse features a streamlined slide-in panel assembly system designed for efficient installation. While assembly is designed to be straightforward, careful attention to detail is required.

1. **Site Preparation:** Choose a level, well-drained area for your greenhouse. Ensure adequate space around the structure for assembly and access.

2. **Unpacking and Inventory:** Carefully unpack all components. Verify all parts against the provided packing list. Report any missing or damaged parts immediately to customer service.
3. **Frame Assembly:** Begin by assembling the base frame. Follow the step-by-step diagrams in the separate assembly guide. The aluminum frame components are designed for precise fitting.
4. **Panel Installation:** Utilize the slide-in panel system for the polycarbonate panels. Ensure panels are inserted correctly into the frame channels for optimal sealing and stability.
5. **Door and Vent Installation:** Install the door and roof vents according to the assembly guide. The door includes a robust metal handle and a lockable mechanism for security.
6. **Anchoring:** For enhanced stability and wind resistance, anchor the greenhouse footings securely into the soil or concrete. This is a critical step to prevent wind damage.
7. **Final Inspection:** After assembly, perform a thorough inspection to ensure all connections are secure, panels are properly seated, and the structure is stable.



Image: Fully assembled WKM 10x16 FT Greenhouse, showcasing its structure and size in a garden environment.



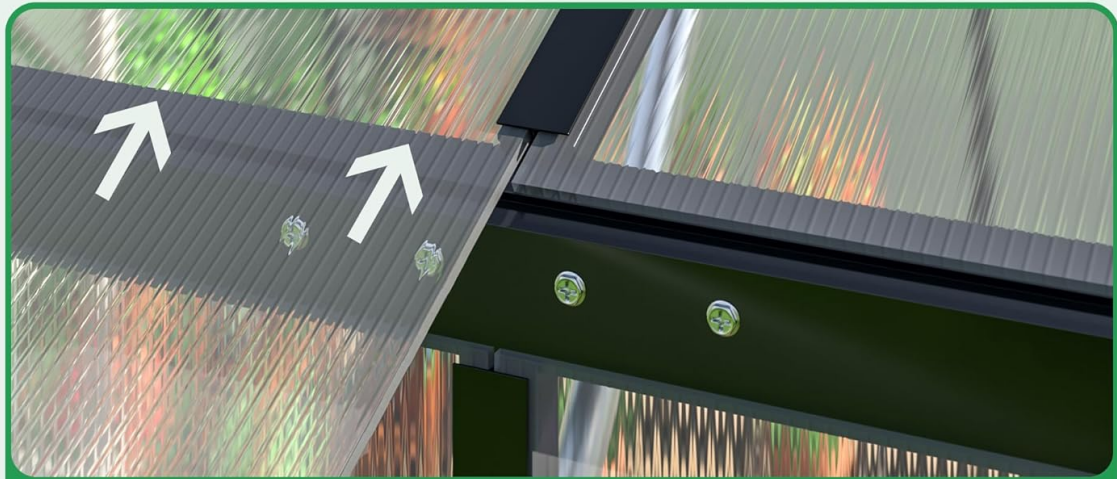
Image: Close-up view of the reinforced aluminum frame structure, illustrating the internal support rods for stability.

OPERATING INSTRUCTIONS

Roof Vents

The greenhouse is equipped with adjustable roof vents to manage internal temperature and humidity. There are 5 settings for personalized airflow control.

- **Ventilation:** Open the roof vents to allow hot air to escape and fresh air to circulate, preventing overheating and reducing humidity.
- **Temperature Control:** Adjust the vent opening based on external temperature and desired internal conditions.
- **Rain Protection:** Close vents during rain to protect plants and prevent water ingress.



Inserted PC Panels



Adjustable Roof Vent for Ventilation

Image: Interior of the greenhouse showing various plants on shelving units, demonstrating potential use.

Door Operation

The single door provides access to the greenhouse. It is equipped with a handle and a lockable mechanism for security.

- Ensure the door is securely closed when not in use to maintain internal climate and prevent unauthorized access.
- Use the lockable feature for added security when the greenhouse is unattended.

MAINTENANCE

Regular maintenance will extend the lifespan and performance of your greenhouse.

- **Cleaning Panels:** Periodically clean the polycarbonate panels with mild soap and water to remove dirt and algae, ensuring maximum light transmission. Avoid abrasive cleaners.
- **Frame Inspection:** Annually inspect the aluminum frame for any signs of corrosion, loose bolts, or damage. Tighten any loose fasteners.
- **Vent and Door Mechanisms:** Lubricate moving parts of the roof vents and door hinges as needed to ensure smooth operation.

- **Anchoring Check:** Verify that the greenhouse remains securely anchored, especially after strong winds or storms.
- **Gutter System:** Clear the built-in gutter system of any debris to ensure proper water drainage.



Image: Detail of the built-in gutter system, designed to manage rainwater runoff from the roof.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Greenhouse instability / Wind damage	Improper anchoring; insufficient reinforcement.	Ensure footings are securely anchored into soil or concrete. Consider adding additional internal bracing or securing to a wooden base for high-wind areas.
Water leakage / Poor sealing	Panels not fully seated; gaps in seals.	Re-check all panel insertions to ensure they are fully engaged in the frame channels. Apply silicone sealant to any persistent gaps if necessary.
Difficulty assembling frame components	Misalignment of parts; incorrect orientation.	Refer to the detailed assembly diagrams. Ensure parts are oriented correctly before tightening. Do not fully tighten all fasteners until the section is complete to allow for minor adjustments.
Missing or damaged parts upon delivery	Shipping error or manufacturing defect.	Contact WKM customer service immediately with your order details and a list of missing/damaged components for replacement.

SPECIFICATIONS

Brand: WKM

Model: WGH1016BG

Product Dimensions: 190.1"L x 120.1"W x 98"H (10x16 FT)

Frame Material: Aluminum

Cover Material: Polycarbonate (PC)

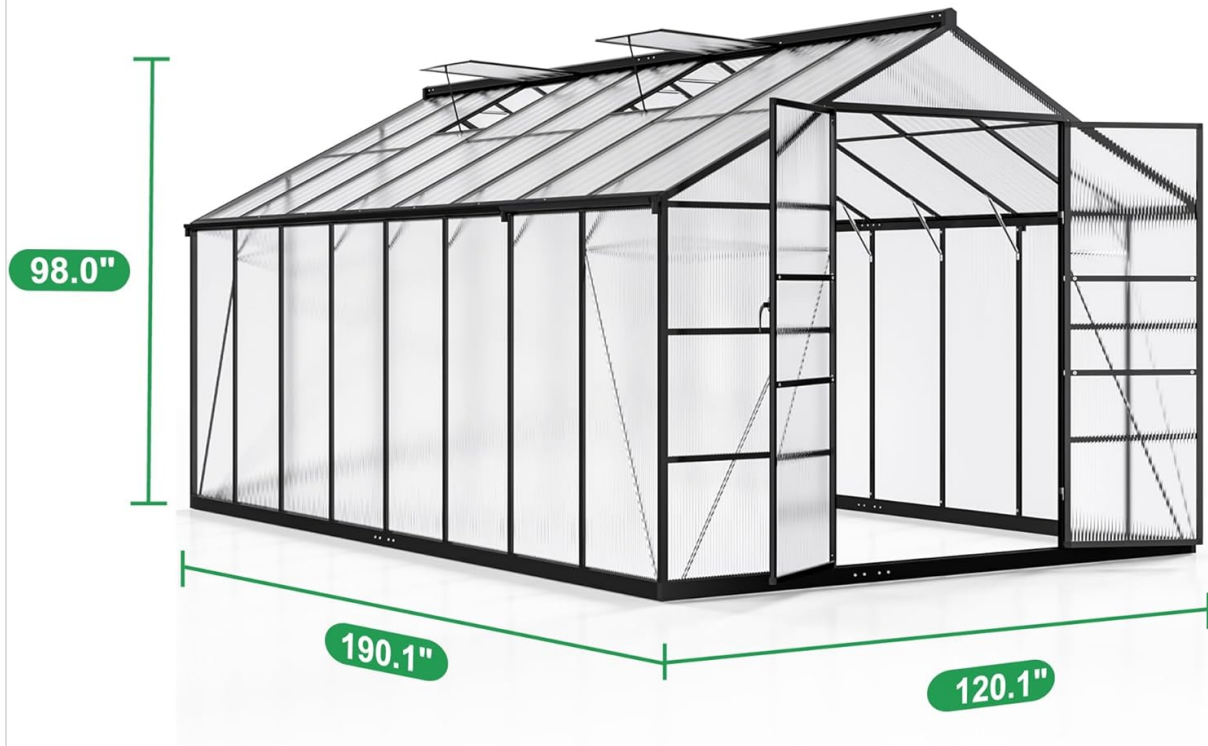
Number of Doors: 1

Number of Vents: 5 (Adjustable Roof Vents)

Special Feature: Heavy Duty, UV Resistant Panels, Built-in Gutter System

Dimensions

Green House Dimension: 10X16FT



Dustproof



Waterproof



Windbreaks



Snowproof

Image: Diagram illustrating the precise dimensions of the 10x16 FT greenhouse, including length, width, and height.

WARRANTY AND SUPPORT

WKM is committed to providing quality products and excellent customer service.

- **Customer Service:** For any installation inquiries, missing parts, or product-related questions, please contact WKM customer service. We offer 24/7 support to assist you.
- **Gardening Advice:** Expert gardening advice is available to help you cultivate a thriving garden within your new greenhouse.