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› HOWE 16x12x9.5 FT Polycarbonate Greenhouse Instruction Manual

HOWE YPG205

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Model: YPG205

PRODUCT OVERVIEW

The HOWE 16x12x9.5 FT Polycarbonate Greenhouse is designed to provide an optimal environment for plant cultivation and versatile outdoor use. Its robust construction and thoughtful features ensure durability and ease of use.



Image: Exterior view of the HOWE Polycarbonate Greenhouse, showcasing its pavilion style and spacious design.

- **Extra-Large Size:** Boasting a generous size of 16x12FT, the walk-in greenhouse provides ample space for plant cultivation and other purposes, facilitating versatile usage in your outdoor area. Recommended to build a 16x13 FT foundation for it.
- **Stylish Pavilion Design:** Features a unique pavilion design that adds sophistication to your garden while providing the perfect growing environment for your plants.
- **Convenient Access:** Designed with raised door and lower threshold, providing easy access for people and all sorts of gardening equipment.
- **Enhanced Stability:** Comes with added reinforcement screws and ground stakes, ensuring it stands firm in all weather conditions, safeguarding your plants against wind and weather.
- **Improved Ventilation:** Features two windows ensuring better air circulation, thereby increasing breathability and creating a more conducive environment for plant growth.

IMPORTANT SAFETY INFORMATION

WARNING: This greenhouse is heavy and may require careful assembly and installation. It has sharp edges and may have heavy components that could cause injury if not handled with care. The greenhouse is designed for outdoor use and exposure to harsh UV rays, which may cause damage if not properly maintained. The greenhouse has windows that should be properly secured to prevent injury. Always follow the instructions

provided with the greenhouse for proper assembly, use, and maintenance. Always wear appropriate safety gear when handling the greenhouse.

SETUP & INSTALLATION

Proper assembly is crucial for the stability and longevity of your HOWE greenhouse. Please review all instructions and components before beginning. It is recommended to have at least 2-3 people for assembly.

Foundation Preparation

A level and stable foundation is essential. The manufacturer recommends building a 16x13 FT foundation. Ensure the ground is clear of debris and level before starting assembly.



Image: Detailed dimensions of the greenhouse, crucial for foundation planning.

Assembly Video Guide

For a detailed step-by-step visual guide, please refer to the official HOWE Greenhouse Installation Video:

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Video: Official HOWE Greenhouse Installation Video (Duration: 5:15). This video provides comprehensive visual instructions for the assembly process.

Key Assembly Steps (Refer to manual for full details)

1. **Base Assembly:** Connect the base frame components using the provided hardware. Ensure all connections are secure and the base is perfectly square and level.
2. **Wall Assembly:** Erect the vertical and horizontal wall supports. Pay close attention to the orientation of each piece as indicated in the manual.
3. **Panel Installation:** Carefully slide the polycarbonate panels into the designated channels. Ensure the correct side of the panel faces outwards (usually the UV-protected side).
4. **Roof Assembly:** Assemble the roof frame and install the roof panels. The pavilion design requires careful alignment of the roof sections.
5. **Door and Window Installation:** Attach the double doors and vent windows. Ensure they operate smoothly and latch securely.
6. **Securing to Ground:** Utilize the provided reinforcement screws and ground stakes to firmly anchor the greenhouse to the prepared foundation. This is critical for stability against wind and weather.



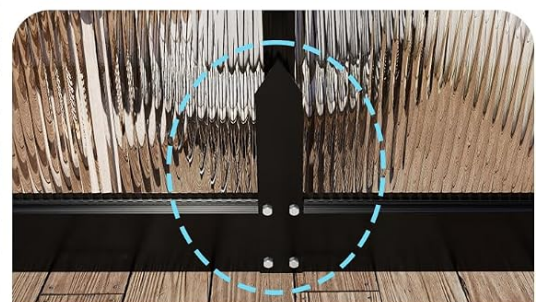
How to Against the Wind?



Expansion Screws



Corner Post



Edge Stabilisation

Image: Illustration of the greenhouse's enhanced stability features, including expansion screws, corner posts, and edge stabilization.

OPERATING INSTRUCTIONS

Ventilation Control

The greenhouse is equipped with 4 vent windows to manage internal temperature and humidity. Open the windows to allow for air circulation and reduce heat buildup. Close them to retain warmth or protect plants from cold drafts.

The vent windows feature an 8-position adjustable opening mechanism, allowing precise control over airflow.

Door Operation

The greenhouse features lockable double doors with a raised design and lower threshold for convenient access. Ensure doors are securely latched when closed to maintain internal conditions and prevent unauthorized entry.

A door hook is provided to keep the doors open for extended ventilation or easy movement of large items.

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Video: Short overview of the HOWE Polycarbonate Greenhouse features, including door and window operation (Duration: 0:57).

MAINTENANCE

- **Cleaning:** Regularly clean the polycarbonate panels with mild soap and water to maintain light transmission and appearance. Avoid abrasive cleaners or tools that could scratch the surface.
- **Frame Inspection:** Periodically inspect the aluminum frame for any loose screws or connections. Tighten as necessary to ensure structural integrity.
- **Ventilation System:** Ensure the vent windows and their adjustable mechanisms are free from obstructions and operate smoothly. Lubricate moving parts if needed.
- **Drainage System:** The greenhouse features a built-in gutter system. Regularly clear gutters and drainage holes of leaves and debris to ensure proper water runoff and prevent buildup.



Built-in Gutter System

4 Eight-Level

Adjustable vents for air convection

Easy to Access

Low threshold design for any machine

Image: Close-up view of the built-in gutter system and adjustable vents, highlighting key maintenance areas.

- **Winterization (if applicable):** In areas with heavy snowfall, consider clearing snow from the roof to prevent excessive load. The greenhouse has a snow load capacity of 40 KGS/SQM.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Greenhouse feels unstable or wobbly.	Improperly secured base or loose frame connections.	Ensure the foundation is level and all base components are securely bolted. Check and tighten all screws and bolts throughout the frame. Verify ground stakes are firmly in place.
Panels rattling or not fitting snugly.	Panels not fully inserted into channels or missing seals.	Re-check panel insertion into all channels. Ensure all rubber seals or gaskets are properly installed as per the manual.
Difficulty with door or window operation.	Misalignment, debris in tracks, or stiff hinges.	Check for proper alignment of doors/windows within their frames. Clear any debris from tracks. Lubricate hinges and latches if they are stiff.

Problem	Possible Cause	Solution
Water pooling inside or poor drainage.	Clogged gutters or drainage holes.	Regularly inspect and clear the built-in gutters and drainage holes of any leaves, dirt, or other debris.

SPECIFICATIONS

Feature	Detail
Product Dimensions	192"L x 144"W x 114"H (16x12x9.5 FT)
Item Weight	325 Pounds
Cover Material	Polycarbonate (PC)
Nominal Wall Thickness	6 Millimeters
Frame Material	Aluminum
Number of Doors	2 (Swing doors)
Number Of Vents	4
Indoor/Outdoor Usage	Outdoor
Special Feature	Heavy Duty
Color	Black
Wind Rating	50 mph
Snow Load Capacity	40 KGS/SQM

WARRANTY & SUPPORT

HOWE products are designed for durability and customer satisfaction.

- **Returns:** This product is eligible for 30-day easy returns. Please refer to the retailer's return policy for full details.
- **Customer Support:** For any questions regarding assembly, operation, maintenance, or parts, please contact HOWE customer support. Contact information can typically be found on the product packaging or the retailer's website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question