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> Yardenaler 8x10 FT Greenhouse Kit with 6MM Thick Polycarbonate Panel Instruction Manual

Yardenaler PG0101-25

Yardenaler 8x10 FT Greenhouse Kit Instruction Manual

Model: PG0101-25

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before assembly and use of this greenhouse kit. Failure to follow these instructions may result in injury or damage to the product.

- **Heavy Components and Sharp Edges:** Exercise caution during assembly due to the presence of heavy components and potentially sharp edges. Wear appropriate personal protective equipment, including gloves and safety glasses.
- **Stability and Anchoring:** Ensure the greenhouse is assembled on a level, stable surface and securely anchored to the ground to prevent tipping or movement, especially in windy conditions.
- **UV Exposure:** Be aware of potential UV exposure inside the greenhouse. While the polycarbonate panels block harmful UV rays, prolonged exposure to sunlight can still occur.
- **Ventilation:** Maintain proper ventilation within the greenhouse to regulate temperature and humidity, which is crucial for plant health and to prevent heat buildup.
- **Children and Pets:** Keep children and pets away from the assembly area. Do not allow them to play unsupervised inside or around the greenhouse.
- **Tools:** Use only the recommended tools for assembly.

2. PRODUCT OVERVIEW

The Yardenaler 8x10 FT Greenhouse Kit is designed to provide an optimal environment for plant growth. It features a durable wooden frame, 6MM thick polycarbonate panels, an adjustable roof vent, and a lockable door.

Key Features:

- **Adjustable Roof Vent:** The roof is designed with an adjustable joint, allowing the opening angle to be set up to 45 degrees. This feature provides UV protection while ensuring air circulation and temperature balance.

- **Heavy-Duty Frame:** Constructed from fir wood, the frame is designed to withstand various weather conditions, offering stability and reinforced construction.
- **Upgraded Polycarbonate Panels:** Multi-layer 6MM thick polycarbonate panels offer high light transmission (approximately 90%) for plant growth and block harmful UV rays. They are also easy to maintain and antflaming.
- **Versatile Space:** The walk-in greenhouse provides ample space for growing flowers, vegetables, and plants, and can also be used for storing equipment or as a relaxing area.
- **Lockable Door:** Ensures the security of your plants and belongings.



Image: The Yardenaler greenhouse featuring multi-layer 6mm thickness polycarbonate panels, highlighting easy maintenance, antiflaming properties, and UV resistance.

3. ASSEMBLY INSTRUCTIONS

This greenhouse kit is shipped in multiple boxes (typically five). Please ensure all boxes have arrived and all parts are accounted for before beginning assembly. It is recommended to sort and label all wooden pieces as the labels may be small. Assembly typically requires two people and can take several days.

General Tips for Assembly:

- **Unpacking and Sorting:** Carefully unpack all boxes. Identify and sort all components, referring to the parts list in your separate assembly guide. Labeling parts with temporary markers or cards can significantly speed up the process.
- **Foundation:** Ensure the chosen location for your greenhouse has a level and stable foundation. Some users recommend setting the greenhouse on a 4x4 frame for added stability.
- **Polycarbonate Panels:** Note that the polycarbonate panels have a white film on one side and a clear film on the other. The side with UV protection should face outwards. Refer to the detailed assembly guide for correct panel orientation.
- **Do Not Overtighten:** Avoid permanently tightening all screws until the entire structure is assembled. This allows for slight adjustments to ensure all components fit correctly, especially when installing roof panels.
- **Sealing:** It is suggested to use silicone sealant around panel seams to prevent leakage, particularly in areas prone to heavy rain or snow. A powered caulking gun may be helpful.
- **Weatherstripping:** Consider adding weatherstripping around the door if gaps are present to improve insulation and prevent drafts.

More Details

Insert PC Panel

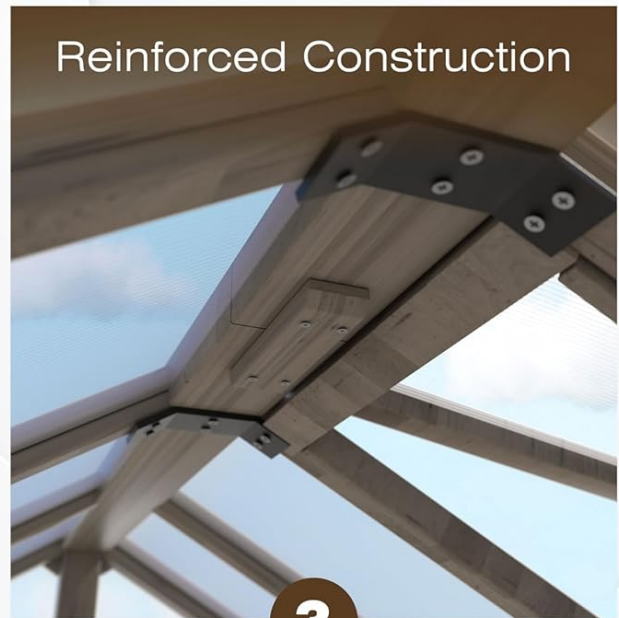
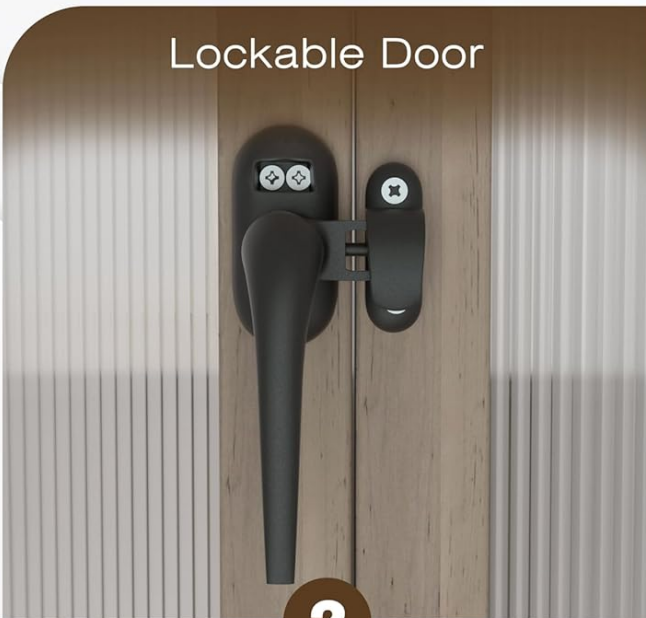
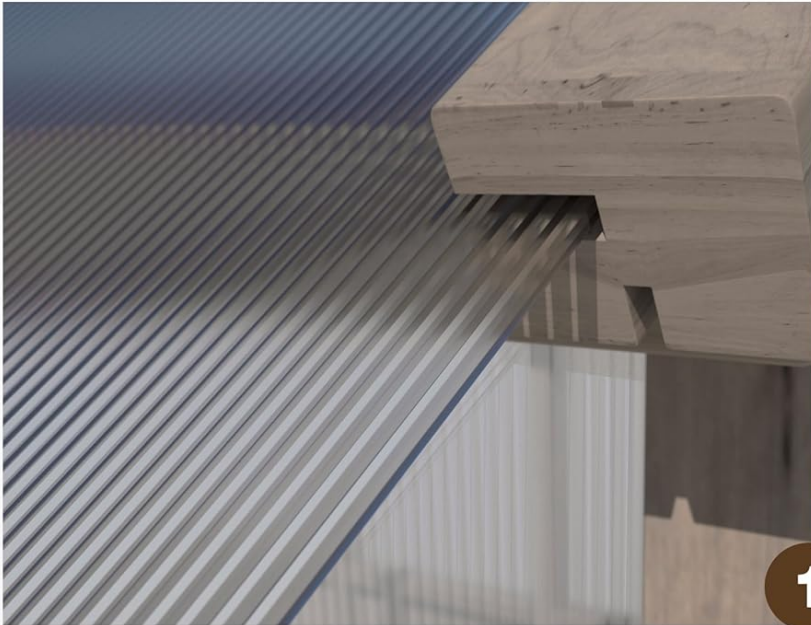


Image: Close-up details showing the insertion method for PC panels, the lockable door mechanism, and reinforced construction elements of the greenhouse frame.

4. OPERATING YOUR GREENHOUSE

Adjustable Roof Vent:

The greenhouse features an adjustable roof vent to control internal temperature and airflow. The vent can be opened to a maximum angle of 45 degrees. Adjust the angle based on external temperature and the ventilation needs of your plants. Opening the vent helps to release excess heat and humidity, preventing overheating and promoting healthy plant growth.

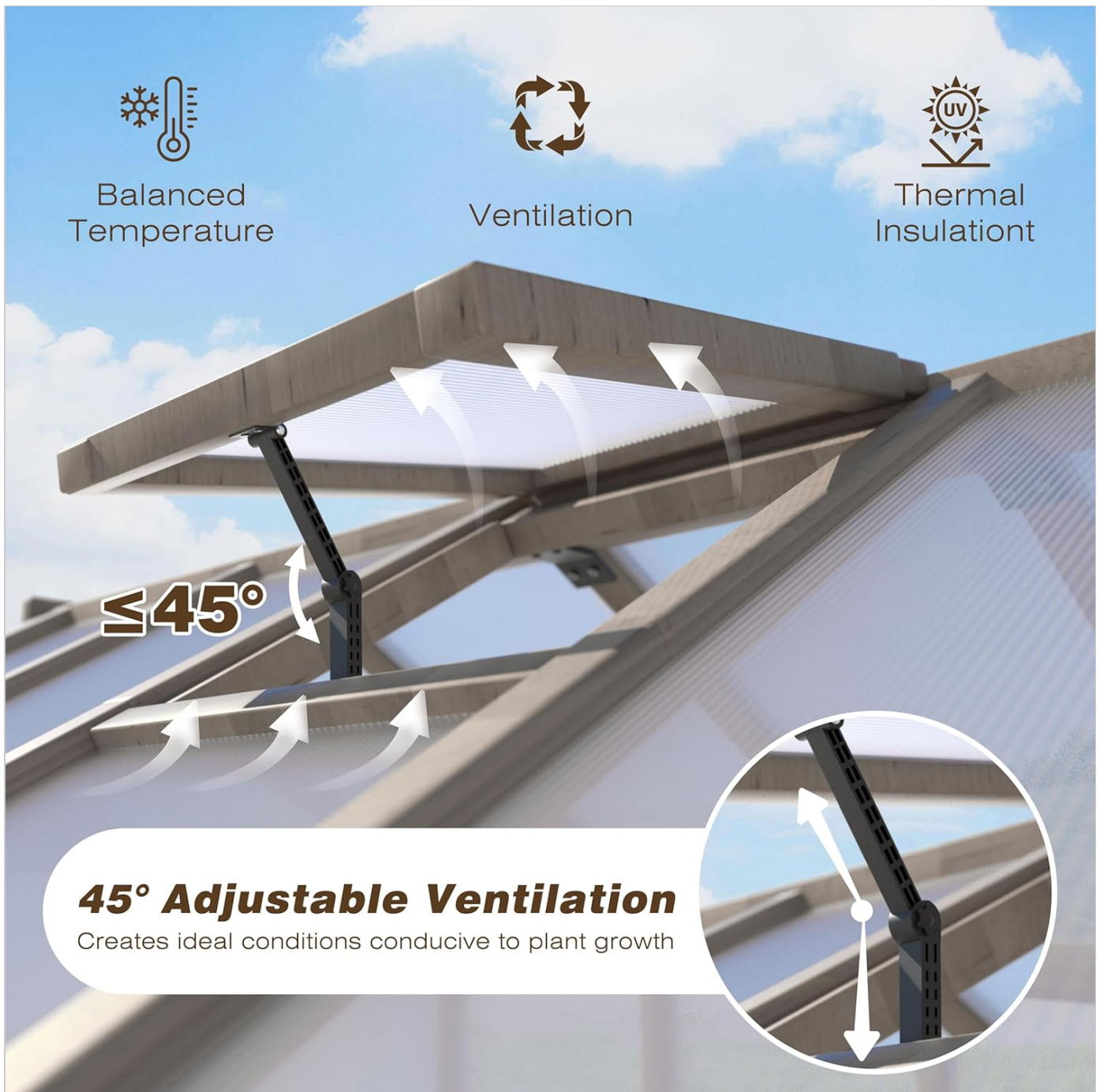


Image: Diagram illustrating the 45-degree adjustable ventilation feature of the greenhouse roof, designed to balance temperature and provide air circulation.

Door Operation:

The greenhouse is equipped with a lockable door for security. Ensure the door is properly closed and locked when not in use to protect your plants and equipment from unauthorized access or adverse weather conditions.

5. MAINTENANCE

- **Cleaning Polycarbonate Panels:** The multi-layer polycarbonate panels are designed for easy maintenance. Clean them periodically with mild soap and water using a soft cloth or sponge to remove dirt and maintain light transmission. Avoid abrasive cleaners or tools that could scratch the surface.
- **Wood Frame Care:** The fir wood frame is naturally stable. To prolong its lifespan and maintain its appearance, consider applying a wood sealant or stain periodically, especially if exposed to harsh weather.
- **Snow Removal:** In areas with heavy snowfall, regularly brush snow off the roof to prevent excessive weight buildup, which could damage the structure.

- **Check Fasteners:** Periodically inspect all screws and fasteners to ensure they remain tight. Retighten as necessary to maintain structural integrity.
- **Ventilation Hinges:** Inspect the folding window hinges for wear. If gaps appear, consider adding a rubber gasket or weatherstripping to improve sealing.

6. TROUBLESHOOTING

- **Panel Leakage:** If water leakage occurs around the panels, apply a high-quality silicone sealant to all seams and joints. Ensure panels are correctly seated in their channels.
- **Door Gaps/Drafts:** If the door does not seal properly, check for alignment issues. Apply weatherstripping around the door frame to eliminate gaps and drafts.
- **Warped Wood:** In some cases, wood components may warp slightly. If this affects functionality (e.g., vent closure), minor adjustments or shimming may be required. For vent arms, a bungee cord can temporarily secure it in a closed position if the wood is warped.
- **Difficulty with Panel Insertion:** If polycarbonate panels are difficult to slide into place, ensure the frame is not overly tightened. Slight loosening of adjacent screws may provide enough wiggle room. Inspect the channels for any obstructions.

7. SPECIFICATIONS

Feature	Detail
Model Number	PG0101-25
Overall Dimensions (L x W x H)	121.4" x 101.7" x 90.7" (10.1 FT x 8.5 FT x 7.5 FT)
Door Size (W x H)	28.66" x 71.4"
Frame Material	Fir Wood
Cover Material	6MM Thick Polycarbonate (PC) Panels
Number of Doors	1
Number of Vents	1 (Adjustable up to 45 degrees)
Item Weight	433.3 Pounds
Color	Light Mocha Brown

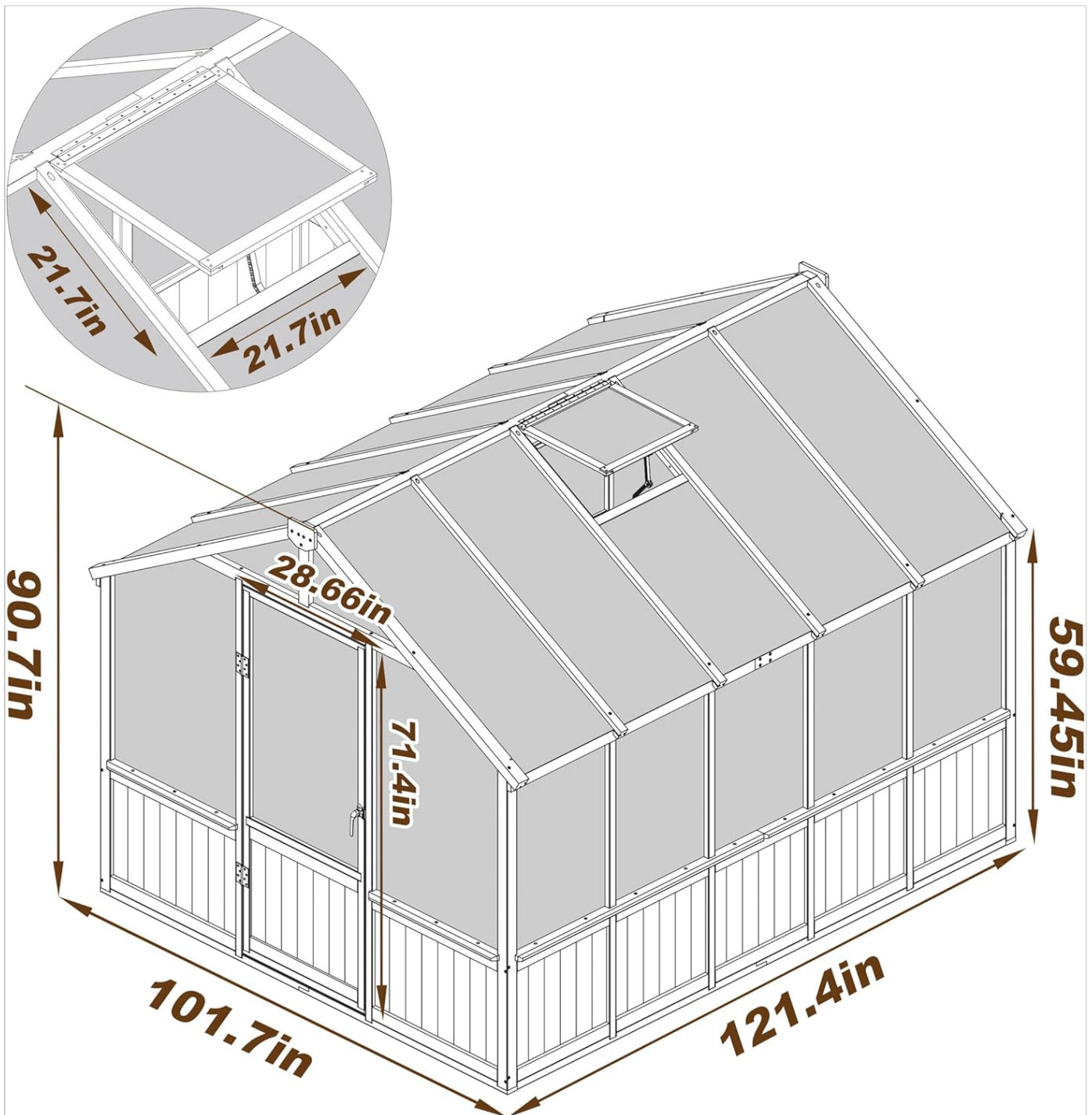


Image: Detailed dimension diagram of the Yardenaler 8x10 FT Greenhouse, including external measurements, skylight dimensions, and door dimensions.

8. WARRANTY AND SUPPORT

This product is offered with a 30-day easy returns policy. For any questions, concerns, or assistance with your Yardenaler greenhouse, please contact customer support through the retailer where the product was purchased. Please have your model number (PG0101-25) and purchase details ready when contacting support.

Manufacturer: Yardenaler



