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› CDCASA 20x10x10 FT Polycarbonate Greenhouse Instruction Manual

CDCASA Y8L046-1020-BK-LL-927

CDCASA 20x10x10 FT Polycarbonate Greenhouse Instruction Manual

Model: Y8L046-1020-BK-LL-927 | Brand: CDCASA

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your CDCASA 20x10x10 FT Polycarbonate Greenhouse. Please read all instructions carefully before beginning assembly and retain this manual for future reference.



Image: The fully assembled CDCASA 20x10x10 FT Polycarbonate Greenhouse, showcasing its design and size in an outdoor environment.

2. IMPORTANT SAFETY INFORMATION

Always wear appropriate safety gear when handling and assembling the greenhouse. Be aware of sharp edges on the aluminum frame. Avoid prolonged exposure to sunlight through the greenhouse panels. Ensure the greenhouse is properly anchored and ventilated to prevent damage or injury.

3. PRODUCT FEATURES

- **Durable Panels:** Features 4mm twin-wall polycarbonate panels that offer 70% light transmission for plant growth and block over 99.9% of harmful UV rays.
- **Sturdy Frame:** Constructed with a robust, rust-resistant aluminum frame designed to withstand various weather conditions, including snow loads up to 20PSF.
- **Efficient Assembly:** Incorporates patented Quick Connect technology to streamline the assembly process.

- **Functional Design:** Includes a modular design, built-in rain gutters for effective drainage, a swing door for access, and snap-on door handles for secure closure.
- **Adjustable Ventilation:** Equipped with window vents that have 5 adjustable angles to provide continuous fresh air circulation.
- **Enhanced Stability:** Offers options for anchoring the base feet in soil or concrete, or securing the base to a board with screws, to improve resistance against wind and snow.

4. ASSEMBLY INSTRUCTIONS

Assembly requires two individuals and typically takes 4-6 hours. Refer to the comprehensive instructions included with your product and the video guides for assistance.

4.1 General Assembly Tips

- Ensure all parts are present before starting assembly.
- Identify the white side (inwards) and clear side (outwards) of the polycarbonate panels before installation.
- Push all panels firmly into the bottom groove to secure them.
- If panels are difficult to insert into the groove, gently thin the edge with a rubber hammer.

4.2 Door Assembly

This section details the assembly of the greenhouse doors. Follow the steps carefully to ensure proper function and security.

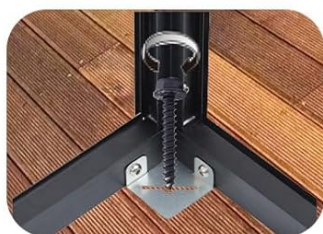
Your browser does not support the video tag.

Video: Instructions for installing the greenhouse doors. This video demonstrates the step-by-step process for assembling and attaching the door panels and hardware.

1. Assemble the door frame using the specified components (e.g., D10, D09, P07, D14, D12 for the right door).
2. Insert the polycarbonate panels into the frame, ensuring the white side faces inwards and the clear side faces outwards.
3. Secure the panels by pushing them firmly into the bottom groove.
4. Attach hinges (CT02, CT01) to the door frame using screws (LD04).
5. Assemble the door handle and latch mechanism, then attach it to the door frame.

WAY TO SECURING YOUR GREENHOUSE AGAINST THE WIND

The pre-built surface can be installed first or later depending on your situation



When you install the greenhouse on the board: Use LD07 to fix the BJ04



When you install the greenhouse on concrete: Insert BJ05 into BJ04 and then mounted into concrete

Image: Detailed view of the greenhouse door frame and polycarbonate panels during assembly. Note the clear and white sides of the panels.

4.3 Window Assembly and Installation

This section covers the assembly and installation of the roof windows, which provide ventilation for your greenhouse.

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Video: Guide for installing the greenhouse roof windows. This video illustrates how to assemble the window frames and attach them to the roof structure.

1. Assemble the window frame using components (e.g., V07, V09).
2. Insert the polycarbonate panels into the window frame, ensuring correct orientation.
3. Attach the window support arms (V019) using screws (LD05) and nuts (LM02).
4. Install the assembled windows onto the roof structure, ensuring they can open and close smoothly.
5. Secure the roof ridge caps (SL03) to complete the roof assembly.

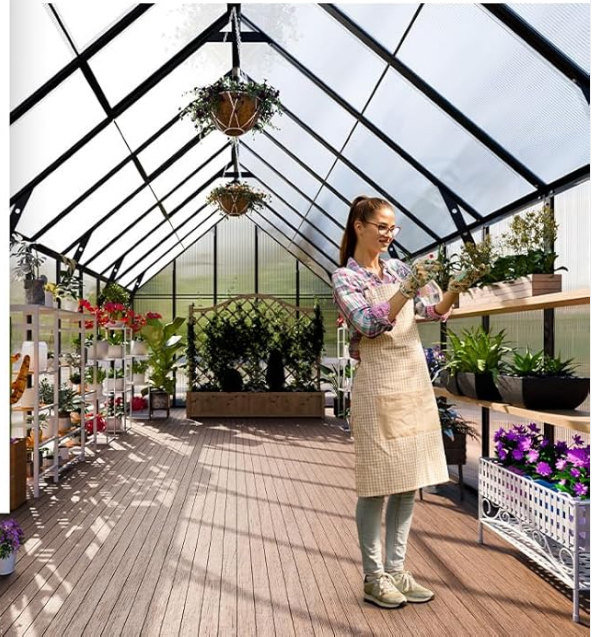


Image: The greenhouse roof featuring four adjustable vents. These vents can be opened to various angles for optimal air circulation.



10×20^{FT}
Ultra-Width Space

Can hold more plants, or
used for storage shed



Stable and Durable

Add tie rods to make the
structure more stable

Image: Illustration of the updated aluminum connectors used in the greenhouse frame, designed for quicker assembly.

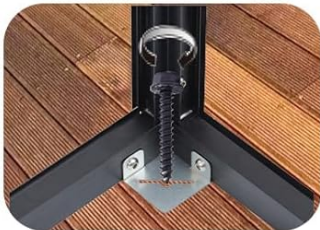
4.4 Base Anchoring

Proper anchoring is crucial for the stability of your greenhouse, especially in windy or snowy conditions.

- **Soil/Concrete Installation:** Bury the base feet directly into soil or concrete for maximum stability.
- **Board Installation:** Use matching screws (LD07) to secure the base to a wooden board or patio.

WAY TO SECURING YOUR GREENHOUSE AGAINST THE WIND

The pre-built surface can be installed first or later depending on your situation



When you install the greenhouse on the board: Use LD07 to fix the BJ04



When you install the greenhouse on concrete: Insert BJ05 into BJ04 and then mounted into concrete

Image: Diagram illustrating different methods for securing the greenhouse base to the ground or a wooden platform.

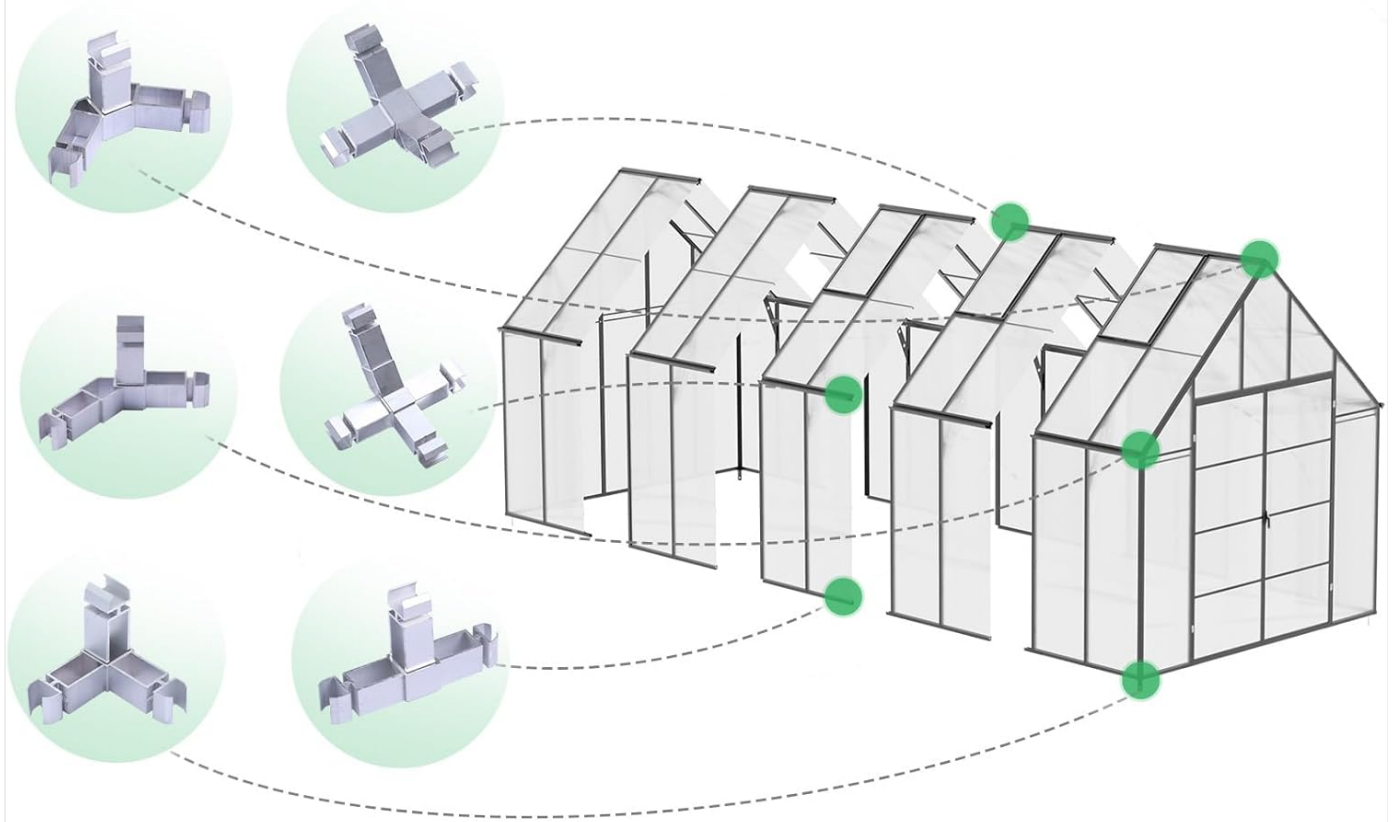
5. OPERATING INSTRUCTIONS

5.1 Door Operation

The greenhouse features a swing door for easy access. The snap-on door handles ensure the doors remain securely closed.

UPDATED ALUMINUM CONNECTORS

Quick Connect System: **Save over 50% time** compared to ordinary connecting



1. Wider and thicker **aluminum frame**, more **sturdy and stable**
2. Can be assembled into 10x12, 10x16, 10x20 Stay tuned

Image: Close-up of the snap-on door handle, designed for secure closure and easy opening.

5.2 Ventilation

The roof is equipped with four adjustable vents to provide optimal air circulation and temperature control for your plants. Adjust the vents to one of the five available angles as needed.



Image: The greenhouse roof featuring four adjustable vents. These vents can be opened to various angles for optimal air circulation.

6. MAINTENANCE

- **Cleaning:** Clean polycarbonate panels periodically with mild soap and water. Avoid abrasive cleaners that could scratch the surface.
- **Frame Inspection:** Regularly inspect the aluminum frame for any signs of damage or loose connections. Tighten screws as necessary.
- **Gutter System:** Ensure the built-in rain gutters are clear of debris to allow for effective water drainage.
- **Snow Removal:** While the greenhouse supports snow loads up to 20PSF, it is advisable to gently remove excessive snow accumulation to prevent potential damage.

New Upgrade Better Quality

ours



Weather Resistant, Snow Load Capacity: 20PSF



Wide and Thick Aluminum Frame



Premim Single PC, Thickness(0.25mm)

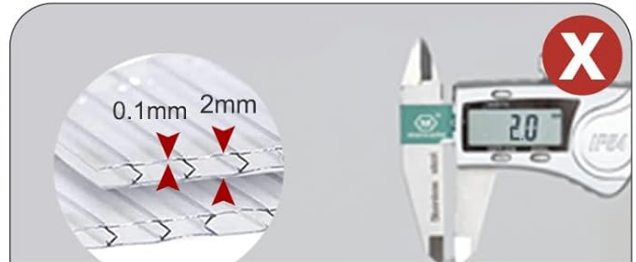
OTHERS



Easy fallapart, Snow Load Capacity: 14PSF



Narrow and Thin Frame



Almost No Thickness(0.1mm)

Image: Detail of the built-in gutter system, designed to efficiently drain rainwater and prevent accumulation on the roof.

7. TROUBLESHOOTING

- **Panels Difficult to Insert:** If panels do not slide easily into grooves, gently tap the edge with a rubber hammer to thin it slightly.
- **Door Not Closing Properly:** Check that the greenhouse frame is square and level. Adjust hinges or door alignment if necessary.
- **Ventilation Issues:** Ensure roof vents are open to the desired angle. Check for any obstructions.
- **Water Leakage:** Inspect panel seals and frame connections for any gaps. Ensure gutters are clear.
- **Wind/Snow Stability Concerns:** Verify that the base is properly anchored using one of the recommended methods (burying or screwing to a board).

8. SPECIFICATIONS

Brand	CDCASA
Model Number	Y8L046-1020-BK-LL-927
Product Dimensions	247.1"L x 123"W x 119.4"H (20x10x10 FT)
Frame Material	Aluminum
Cover Material	4mm Twin-Wall Polycarbonate (PC)
Color	Black & Clear
Snow Load Capacity	Up to 20PSF

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact CDCASA customer service. Your greenhouse includes comprehensive instructions, and there's also a video guide available. If you encounter any missing parts or issues, please contact the seller for assistance.

Contact information for CDCASA can typically be found on their official website or through your purchase platform.

