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› K Knowbody 12x20ft 2-Sided Enclosure Kit Carport Instruction Manual

## K Knowbody Y8L049-1220-YY22

# K Knowbody 12x20ft 2-Sided Enclosure Kit Carport Instruction Manual

Model: Y8L049-1220-YY22

## 1. PRODUCT OVERVIEW

The K Knowbody 12x20ft 2-Sided Enclosure Kit is designed to convert your existing 12x20ft carport frame into a more protected structure. This kit provides two side walls, offering enhanced protection for vehicles, outdoor storage, or workspace against various weather conditions. Constructed from durable galvanized steel, it ensures longevity and stability.

### Key Features:

- Military-Grade Metal Carport Enclosure
- Heavy Duty 2-Sided Design
- Galvanized Steel Construction for durability
- Designed for 12x20ft carport frames



*Figure 1: K Knowbody 12x20ft 2-Sided Enclosure Kit Carport. This image shows the complete carport structure with the 2-sided enclosure installed, highlighting its robust design and protective capabilities.*

## 2. SAFETY INFORMATION

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Please read and understand all safety warnings and instructions before assembly and use. Failure to follow these instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE) during assembly, including gloves and eye protection.
- Ensure the carport frame is securely anchored to the ground before installing the enclosure kit.
- Do not assemble in high winds or severe weather conditions.
- Keep children and pets away from the assembly area.
- Regularly inspect the enclosure for any signs of wear, damage, or loose connections.
- Clear snow and ice accumulation from the roof and sides promptly to prevent structural collapse.
- Do not hang heavy objects from the carport frame or enclosure.

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged before beginning assembly. If any parts are missing or damaged, contact K Knowbody customer support.

- Side Panels (2 units)
- Mounting Hardware (bolts, nuts, washers, clips)

- Instruction Manual
- *Note: Carport frame is sold separately and is not included in this enclosure kit.*

## 4. SETUP INSTRUCTIONS

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Follow these steps carefully to assemble your 2-sided enclosure kit. It is recommended to have at least two people for assembly.

1. **Prepare the Carport Frame:** Ensure your 12x20ft carport frame is fully assembled, level, and securely anchored to the ground. The frame must be stable and free from damage.
2. **Unpack Components:** Carefully unbox all enclosure kit components. Lay out the side panels and hardware in an organized manner to easily identify each part.
3. **Attach First Side Panel:** Position one side panel against the long side of the carport frame. Align the pre-drilled holes on the panel with the corresponding attachment points on the frame. Use the provided bolts, washers, and nuts to secure the panel. Do not fully tighten bolts until all panels are in place.
4. **Attach Second Side Panel:** Repeat the process for the second side panel on the opposite long side of the carport frame. Ensure both panels are correctly oriented and aligned.
5. **Secure All Connections:** Once both side panels are loosely attached, go back and securely tighten all bolts and nuts. Ensure all connections are firm but do not overtighten, which could damage the material.
6. **Final Inspection:** Visually inspect the entire enclosure. Confirm that all panels are properly aligned, securely fastened, and that there are no gaps or loose components. Check for any sharp edges or potential hazards.

## 5. OPERATING INSTRUCTIONS

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The 2-sided enclosure kit is designed to provide static protection. There are no moving parts for daily operation once installed.

- The enclosure provides shelter from wind, rain, and sun for items stored within the carport.
- Access to the interior is typically from the open ends of the carport.
- Ensure that items stored inside do not press against the enclosure panels, which could cause damage.

## 6. MAINTENANCE

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Regular maintenance will extend the life of your K Knowbody enclosure kit.

- **Cleaning:** Clean the enclosure panels periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish. Rinse thoroughly with clean water.
- **Inspection:** Annually, or after severe weather, inspect all bolts, nuts, and connections for tightness. Tighten any loose fasteners. Check panels for dents, rust, or other damage.
- **Snow and Ice Removal:** In snowy regions, promptly remove snow and ice accumulation from the carport roof and enclosure panels to prevent excessive weight and potential collapse. Use a soft brush or broom to avoid scratching the surface.
- **Rust Prevention:** If any scratches or chips expose bare metal, touch up with rust-inhibiting paint to prevent corrosion.

## 7. TROUBLESHOOTING

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Refer to the table below for common issues and their solutions.

| Problem                                     | Possible Cause                               | Solution                                                                                                           |
|---------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Panels are loose or rattling.               | Loose fasteners.                             | Tighten all bolts and nuts securely.                                                                               |
| Water leakage along panel edges.            | Improper panel alignment or sealant failure. | Ensure panels are correctly overlapped and fastened. Apply exterior-grade sealant if necessary.                    |
| Difficulty aligning panels during assembly. | Carport frame is not level or square.        | Verify the carport frame is level and square before attempting to attach enclosure panels. Adjust frame if needed. |
| Rust spots appearing on panels.             | Scratches exposing bare metal.               | Clean the area, sand lightly, and apply rust-inhibiting paint.                                                     |

## 8. SPECIFICATIONS

|                              |                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Brand                        | K Knowbody                                                                                                             |
| Model Number                 | Y8L049-1220-YY22                                                                                                       |
| Material                     | Galvanized Steel                                                                                                       |
| Color                        | Black                                                                                                                  |
| Item Weight                  | 520 pounds                                                                                                             |
| Item Dimensions (L x W x H)  | 230"L x 143"W x 102"H (approx. 19.17ft L x 11.92ft W x 8.5ft H)                                                        |
| Floor Area                   | 240 square feet                                                                                                        |
| Max Ceiling Height           | 139.2 inches                                                                                                           |
| Size                         | 12x20 FT                                                                                                               |
| Minimum Ceiling Height       | 132 inches                                                                                                             |
| Ultraviolet Light Protection | 85-99%                                                                                                                 |
| Water Resistance Level       | Water Resistant                                                                                                        |
| Recommended Uses             | Vehicle Protection, Outdoor Storage, Boat Shelter, RV Cover, Workspace, Bicycle Storage, Guest Parking, Commercial Use |

## 9. WARRANTY AND SUPPORT

K Knowbody products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or contact K Knowbody customer support directly.

For technical assistance, missing parts, or any questions regarding your K Knowbody 2-Sided Enclosure Kit, please contact K Knowbody customer support. You can typically find contact information on the packaging or the official K

Knowbody website.

Online support and additional resources may be available at the [K Knowbody Store on Amazon](#).

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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