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Armadillo Tough ARSR4X8B

Armadillo Tough SkyRack Overhead Ceiling Storage Rack User Manual

Model: ARSR4X8B



PRODUCT OVERVIEW

The Armadillo Tough SkyRack is an overhead ceiling storage solution designed to maximize space in garages and utility areas. This robust 4-foot by 8-foot rack provides significant storage capacity, allowing users to store a variety of items off the floor, including seasonal goods, building materials, and storage bins. Its adjustable height feature accommodates different ceiling heights and storage needs, offering up to 25 cubic feet of storage volume.

Constructed with heavy-duty metal and a corrosion-resistant powder-coated finish, the SkyRack is built for durability and long-term use. The EZ Connect technology simplifies assembly, and the integrated decking ensures stable support for stored items. With a substantial weight capacity of 750 lbs when evenly distributed, this storage rack offers a reliable and efficient way to organize your space.

KEY FEATURES

- **Easy Assembly and Installation:** Designed with EZ Connect technology for quick and hassle-free setup.
- **Adjustable Height:** Ceiling brackets can be adjusted from 23 to 38 inches to align with joists/rafters and optimize storage space.
- **High Weight Capacity:** Safely holds up to 750 lbs of evenly distributed weight.
- **Durable Construction:** Features a heavy-duty metal frame with a corrosion-resistant powder-coated finish for long-lasting performance.
- **Integrated Decking:** Provides a stable and secure surface for stored items.

TECHNICAL SPECIFICATIONS

Specification	Detail
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Specification	Detail
Model Number	ARSR4X8B
Dimensions (W x D x H)	96 inches x 48 inches x 23-38 inches (adjustable)
Weight Capacity	750 lbs (evenly distributed)
Material	Metal
Finish	Powder Coated (Black)
Shelf Type	Hanging Shelf
Assembly Required	Yes
Mounting Type	Ceiling Mount
Recommended Use	Garage Storage
Included Components	Hardware
UPC	810015860816

INSTALLATION GUIDE

Proper installation is crucial for the safety and stability of your Armadillo Tough SkyRack. Please read all instructions carefully before beginning assembly.

1. Pre-Installation Checklist

- Verify all components are present as per the packing list.
- Ensure you have the necessary tools (e.g., drill, stud finder, wrench, measuring tape, safety glasses).
- Identify suitable ceiling joists or rafters for mounting. The adjustable brackets are designed to align with the direction of your joists.
- Clear the installation area and ensure adequate working space.

2. Assembly Steps

- 1. Assemble the Frame:** Connect the main frame sections using the provided hardware and EZ Connect locking pins. Ensure all connections are secure.
- 2. Attach Ceiling Brackets:** Secure the adjustable ceiling brackets to the main frame. These brackets allow for height adjustment and alignment with your ceiling structure.
- 3. Mount to Ceiling:**
 - a. Locate and mark the ceiling joists/rafters where the rack will be mounted. Use a stud finder for accuracy.
 - b. Lift the assembled frame into position. It is recommended to have at least two people for this step.
 - c. Secure the ceiling brackets to the joists/rafters using appropriate lag bolts or fasteners provided. Ensure all bolts are tightened securely.
- 4. Adjust Height:** Adjust the vertical posts to achieve the desired height (between 23 and 38 inches from the ceiling). Secure the posts at the chosen height using the locking pins.

5. **Install Decking:** Place the wire decking panels onto the assembled frame. Ensure they sit flush and are properly secured if applicable.



Figure 1: Fully assembled Armadillo Tough SkyRack, ready for use.

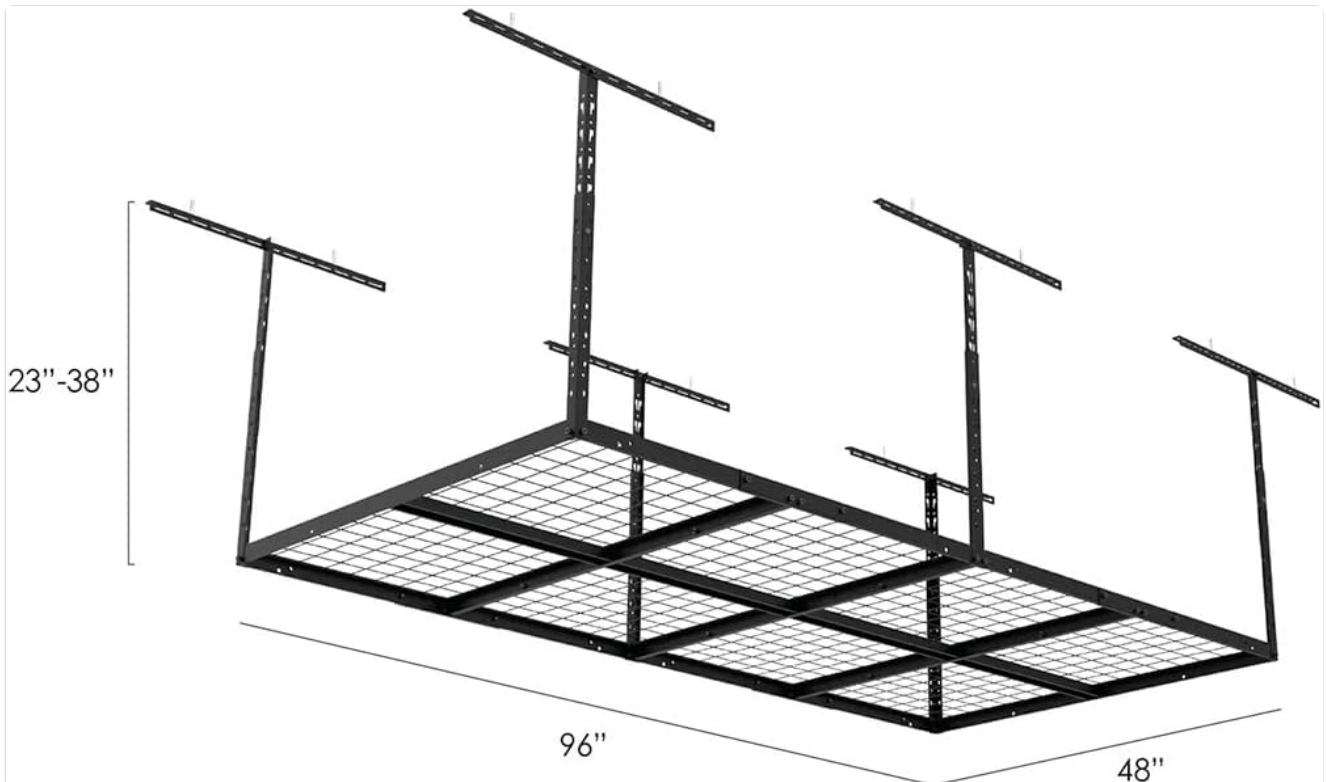


Figure 2: Dimensional view of the SkyRack, illustrating its 96"W x 48"D footprint and adjustable height range of 23"-38".

USAGE GUIDELINES

To ensure safe and effective use of your SkyRack, please adhere to the following guidelines:

- **Weight Distribution:** Always distribute weight evenly across the rack. Do not concentrate heavy items in one area.
- **Maximum Capacity:** Do not exceed the maximum weight capacity of 750 lbs. Overloading can lead to structural failure and injury.
- **Item Placement:** Place heavier items closer to the support beams and distribute lighter items across the remaining surface.
- **Clearance:** Ensure adequate clearance around the rack for safe loading and unloading.

- **Secure Items:** For items that could shift or fall, consider using bungee cords or straps to secure them to the rack.

CARE AND MAINTENANCE

Regular care will help maintain the condition and longevity of your Armadillo Tough SkyRack.

- **Cleaning:** Wipe down the rack periodically with a damp cloth to remove dust and grime. Avoid abrasive cleaners that could damage the powder-coated finish.
- **Inspection:** Annually inspect all bolts, connections, and locking pins to ensure they remain tight and secure. Retighten any loose fasteners.
- **Corrosion Check:** While the finish is corrosion-resistant, regularly check for any signs of rust, especially in humid environments. Address any rust spots promptly to prevent spread.
- **Structural Integrity:** Check for any signs of bending, warping, or damage to the metal frame or decking. If significant damage is found, discontinue use and contact support.

TROUBLESHOOTING

This section addresses common issues you might encounter with your SkyRack.

Problem	Possible Cause	Solution
Rack feels unstable or wobbly after installation.	Loose fasteners or improper mounting to ceiling joists.	Ensure all lag bolts securing the rack to the ceiling joists are fully tightened. Verify that the rack is mounted directly into solid wood joists/rafters. Check all EZ Connect locking pins.
Difficulty adjusting height.	Locking pins are stuck or posts are misaligned.	Ensure the rack is unloaded before attempting to adjust height. Gently wiggle the posts while attempting to remove/insert pins. Check for any obstructions.
Decking panels do not sit flush.	Frame not assembled squarely or panels are misaligned.	Re-check the squareness of the main frame assembly. Ensure decking panels are oriented correctly and seated fully into their designated slots.
Rack sags under load.	Overloaded or weight is not evenly distributed.	Immediately remove items to reduce load. Redistribute weight evenly across the entire rack surface. Do not exceed the 750 lbs weight capacity.

WARRANTY AND SUPPORT

The Armadillo Tough SkyRack is covered by Armadillo's warranty, ensuring confidence in your purchase for a lifetime. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Armadillo Tough website.

If you require technical assistance, have questions about installation, or need to report a defect, please contact Armadillo Tough customer support. Have your model number (ARSR4X8B) and proof of purchase ready when contacting support.

For the most up-to-date contact information, please visit the Armadillo Tough official website or refer to the contact

details provided in your product packaging.



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