

## Iris Ohyama 510023

# IRIS USA 4-Tier Heavy Duty Plastic Storage Shelf (Model 510023) Instruction Manual

Brand: Iris Ohyama | Model: 510023

## INTRODUCTION

Thank you for choosing the IRIS USA 4-Tier Heavy Duty Plastic Storage Shelf. This versatile and durable shelving unit is designed to provide efficient storage solutions for various environments, including garages, pantries, basements, closets, and utility rooms. Constructed from recycled plastic materials, this unit offers robust support and easy assembly without the need for tools. Each shelf is engineered to hold up to 150 lbs, with a total unit capacity of 600 lbs when weight is evenly distributed. Its fixed height and ventilated design ensure stability and proper air circulation for stored items. Please read this manual thoroughly before assembly and use to ensure safe and proper operation.

## IMPORTANT SAFETY INFORMATION

- Weight Capacity:** Do not exceed the maximum weight limit of 150 lbs per shelf or 600 lbs for the entire unit. Ensure weight is evenly distributed across all shelves. Overloading can cause personal injury or property damage.
- Wall Mounting:** Wall mounting is recommended for enhanced stability, especially when storing heavier items or in areas with potential for tipping. Wall mounting hardware is not included.
- Placement:** Avoid storing the unit in direct sunlight to prevent material degradation over time.
- Assembly:** Ensure all components are securely connected before placing items on the shelves.

## SETUP & ASSEMBLY

The IRIS USA 4-Tier Heavy Duty Plastic Storage Shelf features an integrated leg design for tool-free assembly. Follow these steps for quick and easy setup:

- Unpack Components:** Carefully remove all shelves and support legs from the packaging. Ensure all parts are present. The support legs are typically packed underneath the shelves.
- First Layer Assembly:** Place the bottom-most shelf on a flat, stable surface. Insert four support legs into the designated slots on the underside of this platform. Ensure they snap securely into place.

3. **Add Subsequent Shelves:** Take the next shelf and align its corner holes with the top ends of the installed support legs. Press down firmly until the shelf clicks into place, creating a secure connection.
4. **Repeat for Remaining Shelves:** Continue adding support legs and shelves in the same manner until all four tiers are assembled.
5. **Final Check:** Once assembled, gently push down on each corner of every shelf to confirm all connections are secure and the unit is stable.



**Figure 1: Tool-Free Assembly Steps.** This image illustrates the simple, tool-free assembly process. The top panel shows a hand inserting a support leg into the bottom platform. The bottom panel shows a person attaching the second shelf onto the installed support legs, demonstrating the snap-together design.



Place Supports Into Bottom Platform



Attach Top Platform

## Tool-Free Assembly

No hammers or screwdrivers needed! Just snap the pieces in to place and you're good to go.



**Figure 2: Integrated Leg Design.** A close-up view highlighting the integrated leg design where support legs securely snap into the underside of each shelf, ensuring compact storage and streamlined assembly.

### Assembly Video

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**Video 1: IRIS USA Plastic Rack Shelves Assembly.** This video provides a visual guide to the quick and easy assembly of the IRIS USA Plastic Storage Shelves, demonstrating how to attach supports and platforms.

## OPERATING & USAGE GUIDELINES

This shelving unit is designed for versatile storage in various settings. To maximize its utility and ensure longevity, consider the following:

- **Load Distribution:** Always distribute weight evenly across each shelf. Place heavier items on lower shelves to enhance stability.
- **Recommended Use:** Ideal for storing bins, sports equipment, tools, cleaning supplies, pantry items, and other household or garage essentials.

- **Ventilation:** The ventilated shelf design promotes air circulation, which is beneficial for storing items that require airflow.
- **Modular Design:** The modular nature of the shelves allows for flexible configurations if you acquire additional units.



**Figure 3: Garage Storage Example.** This image displays the 4-tier shelving unit effectively organizing a garage space, holding items such as storage bins, a cooler, and garden tools.





**Figure 4: Pantry Storage Example.** The shelving unit is shown in a pantry setting, neatly organizing various food items and kitchen supplies, demonstrating its versatility for indoor use.

## MAINTENANCE & CARE

Maintaining your IRIS USA storage shelf is simple and helps prolong its lifespan:

- **Cleaning:** Wipe the shelves with a damp cloth for general cleaning. For tougher dirt, a mild soap solution can be used. Ensure to wipe with a dry cloth afterward to prevent water spots.
- **Inspection:** Periodically check all connections to ensure they remain secure. Re-snap any loose components if necessary.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals, as these may damage the plastic material.

## TROUBLESHOOTING

- **Unit feels unstable:**
  - Ensure all support legs are fully inserted and snapped into place.

- Verify that the unit is placed on a level surface.
- Distribute items evenly, placing heavier objects on lower shelves.
- Consider wall-mounting the unit for added stability (hardware not included).

• **Difficulty during assembly:**

- Apply firm, even pressure when snapping components together.
- Ensure the correct end of the support leg is being inserted (the wider end typically goes into the shelf).

**SPECIFICATIONS**

Product Dimensions	35.9" W x 17.9" D x 55.8" H (91.19 cm W x 45.5 cm D x 141.7 cm H)
Number of Shelves	4
Material	Recycled Plastic
Color	Black
Weight Capacity per Shelf	150 lbs
Total Unit Weight Capacity	600 lbs (evenly distributed)
Item Weight	17.48 lbs
Assembly Required	Yes (Tool-free)
Special Features	Easy Assembly, Heavy Duty, Ventilated Shelves, Modular Design
Care Instructions	Wipe with Damp Cloth, Wipe with Dry Cloth
Model Name	510023
UPC	762016497549

**WARRANTY & SUPPORT**

For any questions regarding assembly, parts, or product information, please contact Iris Ohyama customer support. Specific warranty details may vary; please refer to the product packaging or the official Iris Ohyama website for the most current warranty information.

**Manufacturer:** IRIS USA, Inc.

**Website:** [Visit the Iris Ohyama Store on Amazon](#)