

QUANTUM STORAGE SYSTEMS QUS255-RED

QUANTUM STORAGE SYSTEMS Plastic Storage Bin QUS255-RED User Manual

Model: QUS255-RED

1. INTRODUCTION

This manual provides instructions for the proper use, setup, and maintenance of your QUANTUM STORAGE SYSTEMS Plastic Storage Bin, Model QUS255-RED. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

The QUANTUM STORAGE SYSTEMS Plastic Storage Bin is designed for organizing and storing small parts. It features reinforced walls for strength, a wide top ledge for stable stacking, and is constructed from durable, water and corrosion-proof polypropylene. These bins are suitable for various environments, including freezers and autoclaves, with a temperature range of -40°F to 250°F.

Key Features:

- Reinforced walls for enhanced strength and rigidity.
- Wide top ledge for stable, higher stacking.
- Constructed from water and corrosion-proof polypropylene.
- Withstands temperatures from -40°F to 250°F.
- Full-width hanger lip for use with louvers.
- Anti-slide stop to prevent shifting when stacked.
- Slotted label holders for easy content identification.

2. PRODUCT OVERVIEW

The QUANTUM STORAGE SYSTEMS Plastic Storage Bin (Model QUS255-RED) is a versatile solution for organizing various items. Below are images illustrating the product's design and features.



Figure 2.1: Front-side view of the QUANTUM STORAGE SYSTEMS Plastic Storage Bin in red. This image shows the bin's open front for easy access and the reinforced side walls.



Figure 2.2: Angled view of the QUANTUM STORAGE SYSTEMS Plastic Storage Bin. This perspective emphasizes the bin's robust construction and the design elements that allow for stable stacking.



Figure 2.3: Close-up view of the QUANTUM STORAGE SYSTEMS Plastic Storage Bin. This image details the integrated label holder on the front for content identification and the brand markings on the side.

3. SETUP

The QUANTUM STORAGE SYSTEMS Plastic Storage Bin requires minimal setup. Follow these steps to prepare your bins for use:

1. **Unpack:** Remove the bins from their packaging. Inspect each bin for any signs of damage during transit.
2. **Clean (Optional):** If desired, wipe down the bins with a damp cloth and mild soap. Rinse thoroughly and allow to air dry completely before use.
3. **Label:** Utilize the integrated slotted label holders on the front of each bin. Insert a paper label with the contents' description for easy identification.
4. **Placement:** Place the bins on a flat, stable surface or integrate them into a louvered panel system using the full-width hanger lip.

4. OPERATING INSTRUCTIONS

Using your QUANTUM STORAGE SYSTEMS Plastic Storage Bins is straightforward:

1. **Load Contents:** Place items into the bin, ensuring not to overload it beyond its capacity or height, which could compromise stability when stacked.
2. **Stacking:** To stack multiple bins, align the bottom of the upper bin with the wide top ledge of the lower bin. The anti-slide stop feature will help prevent shifting. Ensure the stack is stable before adding more bins or moving the stack.
3. **Accessing Contents:** The open-front design allows for easy access to stored items even when bins are stacked.
4. **Temperature Use:** These bins are designed to withstand temperatures from -40°F to 250°F, making them suitable for use in freezers or autoclaves.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your storage bins:

- **Cleaning:** Clean bins periodically with warm water and a mild detergent. Avoid abrasive cleaners or harsh chemicals that could damage the polypropylene material.
- **Drying:** Ensure bins are completely dry before storing items, especially if they are sensitive to moisture.
- **Inspection:** Periodically inspect bins for any cracks, damage, or signs of wear. Replace damaged bins to maintain structural integrity and safety.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your storage bins.

Problem	Possible Cause	Solution
Bins are unstable when stacked.	Improper alignment; uneven load; damaged bin.	Ensure bins are properly aligned on the wide top ledge. Distribute contents evenly. Inspect bins for damage and replace if necessary.
Labels are difficult to read or fall out.	Incorrect label size; worn labels.	Use labels that fit snugly into the slotted holder. Replace old or faded labels with new ones.
Bin appears discolored or warped.	Exposure to extreme temperatures outside specified range; exposure to harsh chemicals.	Ensure bins are used within the specified temperature range (-40°F to 250°F). Avoid contact with strong acids, bases, or solvents. Replace damaged bins.

7. SPECIFICATIONS

Feature	Detail
Model Number	QUS255-RED
Material	Polypropylene
Color	Red
Dimensions (L x W x H)	16 x 11 x 8 inches (Individual Bin)
Temperature Range	-40°F to 250°F (-40°C to 121°C)
UPC	651588132555
Item Weight	2 pounds (Individual Bin)

8. WARRANTY INFORMATION

QUANTUM STORAGE SYSTEMS products are manufactured to high-quality standards. For specific warranty details, please refer to the official QUANTUM STORAGE SYSTEMS website or contact customer support. Generally, products are warranted against defects in material and workmanship under normal use and service.

Please retain your proof of purchase for any warranty claims.

9. CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue with your QUANTUM STORAGE SYSTEMS Plastic Storage Bin, please contact our customer support team:

- **Website:** Visit the official [QUANTUM STORAGE SYSTEMS Store](#) for product information and support resources.
- **Contact:** Refer to the contact information provided on the product packaging or the official brand website for direct support channels (phone, email).

When contacting support, please have your product model number (QUS255-RED) and purchase details readily available.