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VEVOR RF-RY-026

VEVOR Rolling Sports Ball Storage Cart (Model RF-RY-026) Instruction Manual

Your guide to assembly, operation, and maintenance.

1. Introduction

Thank you for choosing the VEVOR Rolling Sports Ball Storage Cart, Model RF-RY-026. This cart is designed to provide efficient and secure storage for various sports balls and equipment in indoor and outdoor environments such as garages, playgroups, gyms, and schools. Its robust steel construction and lockable double lids ensure durability and security. Please read this manual carefully before assembly and use to ensure proper operation and longevity of your product.



Image 1.1: The VEVOR Rolling Sports Ball Storage Cart, illustrating its overall dimensions and capacity for various sports balls.

2. Safety Instructions

- Always assemble the cart on a flat, stable surface.
- Ensure all screws and fasteners are securely tightened before use. Periodically check for loose connections.
- Do not overload the cart beyond its stated capacity. Refer to the Specifications section for weight limits.
- Keep hands and fingers clear of moving parts, especially during assembly and when opening/closing the lids.
- Use the wheel brakes when the cart is stationary to prevent unintended movement.
- This product is intended for storing sports equipment. Do not allow children to climb on or play inside the cart.
- If any parts are damaged or missing, do not attempt to assemble or use the cart. Contact customer support for replacement parts.

3. Package Contents

Before assembly, verify that all components listed below are present and undamaged. If any parts are missing or damaged, please contact VEVOR customer support.

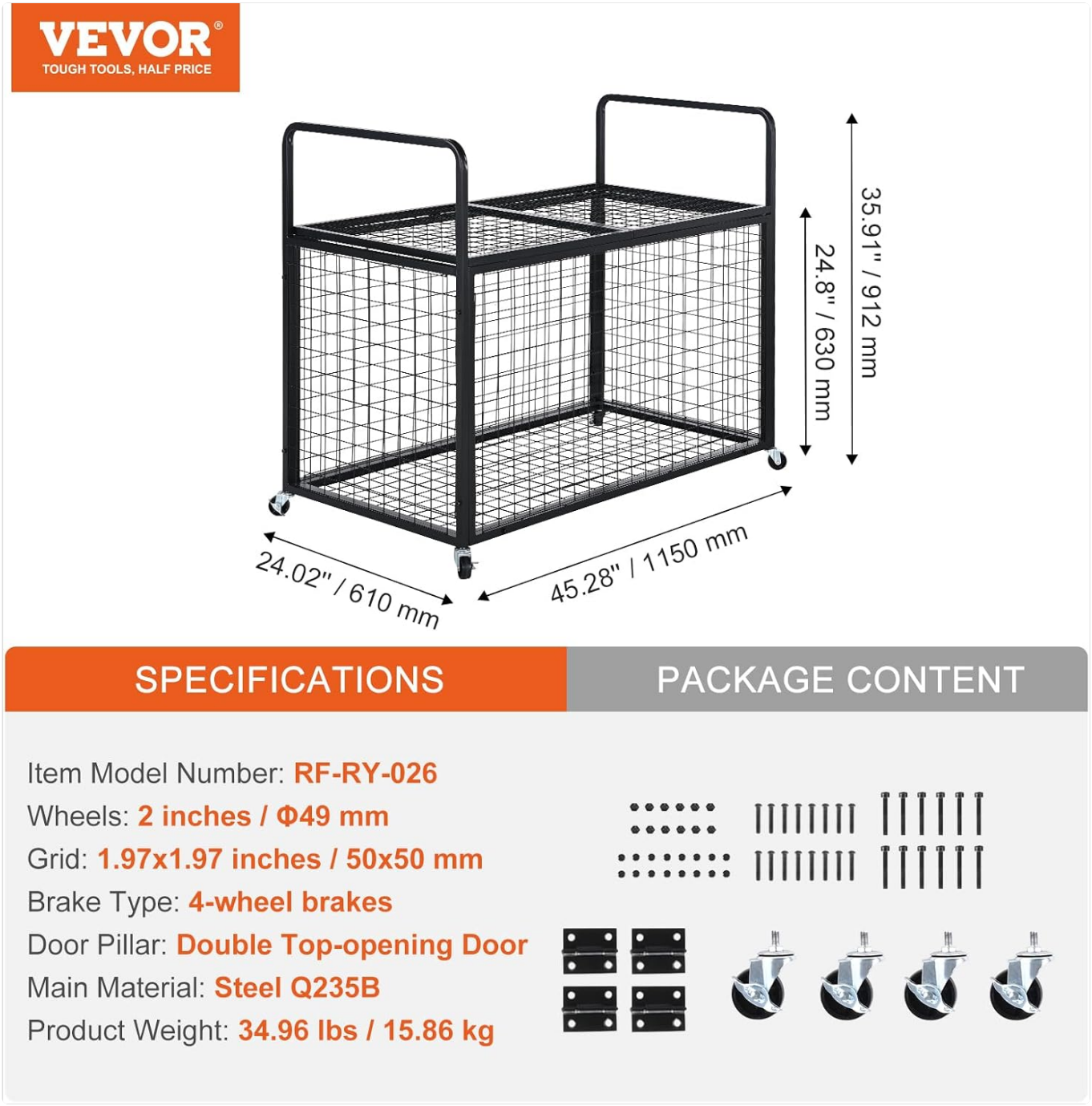

Image 3.1: Visual representation of the package contents and product specifications.

Included Components:

- Main Frame Components (Side panels, bottom panel, top lid frames)
- Hinges (for double top-opening doors)
- Swivel Wheels (4 with brakes)
- Handles (2)
- Assembly Hardware (Screws, nuts, washers, etc.)
- Locking Mechanism (for lids)

4. Assembly Instructions

Assembly typically requires two people. Please follow these steps carefully.

1. **Unpack and Identify Parts:** Lay out all components on a clean, flat surface. Refer to Image 3.1 to identify each part.
2. **Attach Wheels:** Secure the four swivel wheels to the bottom frame of the cart using the provided screws and tools. Ensure the wheels with brakes are positioned correctly for easy access.



Image 4.1: Detail of the 4 swivel wheels, each equipped with a brake for stability.

3. **Assemble Main Frame:** Connect the side panels to the bottom panel using the appropriate hardware. Ensure the grid panels are oriented correctly.
4. **Install Handles:** Attach the two handles to the top edges of the cart frame.
5. **Attach Lids:** Position the double top-opening lids onto the main frame. Secure them using the hinges and screws. Ensure the hinges allow for a 270-degree opening.



Image 4.2: The double top-opening door design, highlighting the 270-degree hinge for full access and the integrated safety lock.

6. **Secure Locking Mechanism:** Install the safety lock mechanism as per the instructions provided with the hardware.
7. **Final Check:** Verify that all connections are tight and the cart is stable. Test the wheel brakes and lid operation.

Note: *Some users have reported issues with hinge and screw quality. Ensure all screws are tightened firmly and consider using thread locker if experiencing loosening.*

5. Operating Instructions

5.1 Moving the Cart

- Ensure the lid is closed and locked before moving the cart, especially over uneven surfaces.
- Release all four wheel brakes by pushing the brake levers upwards.
- Use the integrated handles to push or pull the cart to your desired location. The 360-degree swivel wheels allow for easy maneuverability.
- Once in position, engage all four wheel brakes by pushing the brake levers downwards to secure the cart.

5.2 Storing and Retrieving Items

- Unlock the lid(s) using the provided key or mechanism.
- Open the double top-opening lids. The 270-degree hinge allows for wide access to the cart's interior.
- Place sports balls or equipment inside the cart. The spacious design accommodates various sizes, including basketballs, soccer balls, volleyballs, and rugby balls.



Image 5.1: The cart's versatility in storing various sports balls, demonstrating its wide applicability.

- Once items are stored or retrieved, close the lids and engage the locking mechanism to secure the contents.

6. Maintenance

- **Cleaning:** Wipe down the cart regularly with a damp cloth and mild detergent. Avoid abrasive cleaners that could damage the finish.
- **Inspection:** Periodically inspect all screws, bolts, and hinges for tightness. Tighten any loose fasteners to ensure structural integrity.
- **Wheel Care:** Keep the wheels free of debris. If wheels become stiff, apply a small amount of lubricant to the

swivel mechanisms.

- **Rust Prevention:** While the carbon steel structure is designed to be rust-resistant, prolonged exposure to moisture can lead to corrosion. Store the cart in a dry environment when not in use, especially outdoors.



Image 6.1: Features of the high-quality carbon steel structure, emphasizing its durability and resistance to environmental factors.

7. Troubleshooting

Problem	Possible Cause	Solution
Cart is unstable or wobbly.	Loose assembly screws or uneven surface.	Ensure all assembly screws are tightened. Move the cart to a flat, level surface.
Lids do not close properly or are loose.	Hinges are bent, screws are loose, or lids are misaligned.	Check hinge screws for tightness. Gently realign lids. If hinges are bent, contact customer support for replacements.

Problem	Possible Cause	Solution
Wheels do not roll smoothly or brakes are ineffective.	Debris in wheels, lack of lubrication, or damaged casters.	Clean wheels of any debris. Apply lubricant to swivel points. If casters are damaged, contact customer support for replacements.
Screws frequently loosen.	Vibration from movement or insufficient tightening during assembly.	Re-tighten all screws firmly. Consider using a thread-locking fluid (e.g., Loctite) on critical fasteners for added security.

8. Specifications

Item Model Number: RF-RY-026

Product Dimensions: 115.01 x 61.01 x 91.21 cm (45.28 x 24.02 x 35.91 inches)

Item Weight: 15.86 kg (34.96 lbs)

Main Material: Steel Q235B

Color: Black

Wheel Size: 2 inches / 49 mm

Brake Type: 4-wheel brakes

Door Pillar: Double Top-opening Door

Grid Dimensions: 1.97 x 1.97 inches / 50 x 50 mm

9. Warranty Information

VEVOR products are designed for durability and performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship under normal use. The warranty period typically begins from the date of purchase. Please retain your proof of purchase for warranty claims.
For specific warranty terms and conditions, or to register your product, please visit the official VEVOR website or contact customer support.

10. Customer Support

If you have any questions, require assistance with assembly, or need to report a missing or damaged part, please contact VEVOR customer support:

Website: www.vevor.com (Please check for regional websites if applicable)

Email: Refer to the VEVOR website for specific contact email addresses.

Phone: Refer to the VEVOR website for specific contact phone numbers.

When contacting support, please have your product model number (RF-RY-026) and proof of purchase readily available.

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