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› [KINGRACK 2-Step Folding Ladder User Manual \(Model VC-WK2227-2-new\)](#)

KINGRACK VC-WK2227-2-new

KINGRACK 2-Step Folding Ladder User Manual

Model: VC-WK2227-2-new | Brand: KINGRACK

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe assembly, operation, and maintenance of your KINGRACK 2-Step Folding Ladder. Please read all instructions carefully before use and retain this manual for future reference.

Product Overview

The KINGRACK 2-Step Folding Ladder is a sturdy and portable step stool designed for various indoor and outdoor tasks. It features a heavy-duty steel frame, anti-slip wide pedals, an ergonomic handrail, and an enhanced safety lock system. The ladder supports a maximum load capacity of 800 lbs.

Important Safety Warnings

- Always ensure the ladder is fully open and the safety lock is engaged before stepping onto it.
- Do not exceed the maximum load capacity of 800 lbs.
- Place the ladder on a firm, level, and non-slippery surface.
- Maintain three points of contact (two feet and one hand, or two hands and one foot) while climbing or descending.
- Do not use the ladder if any parts are damaged or missing.
- Avoid reaching too far to the side; reposition the ladder instead.
- Do not use the ladder as a bridge or platform.
- Keep children and pets away from the ladder during use.

2. SETUP INSTRUCTIONS

The KINGRACK 2-Step Folding Ladder comes pre-assembled and ready for use. Follow these steps to set it up safely:

1. **Unfolding the Ladder:** Hold the top handrail and gently pull the front and back legs apart until the ladder is fully extended.
2. **Engaging the Safety Lock:** As the ladder reaches its fully extended position, the red safety buckle located under the top pedal will automatically engage, securing the ladder in place. Ensure this lock is visibly engaged before use.

3. **Placement:** Position the ladder on a stable, flat, and dry surface. Verify that all four anti-slip rubber feet are firmly on the ground.



Figure 2.1: The KINGRACK 2-step folding ladder shown in both its open, ready-to-use configuration and its compact, folded state for storage.

NEW SAFETY LOCK DESIGN



Figure 2.2: This diagram illustrates the safety lock mechanism. When the ladder is fully extended, the red buckle automatically locks into place, ensuring stability. To fold, press the red button to release the lock.

3. OPERATING INSTRUCTIONS

Using the Ladder

- **Climbing:** Face the ladder when climbing or descending. Use the ergonomic handrail for support.
- **Standing:** Stand firmly on the center of the wide pedals. The triangular texture on the pedals provides increased friction for safety.
- **Weight Distribution:** Distribute your weight evenly. Do not lean excessively to one side.
- **Reach:** Avoid overreaching. If an object is out of reach, descend, reposition the ladder, and then re-ascend.



Figure 3.1: A close-up view of the ladder's wide pedals, measuring 10.67 inches by 15.35 inches, featuring a textured anti-slip surface for enhanced stability and comfort.

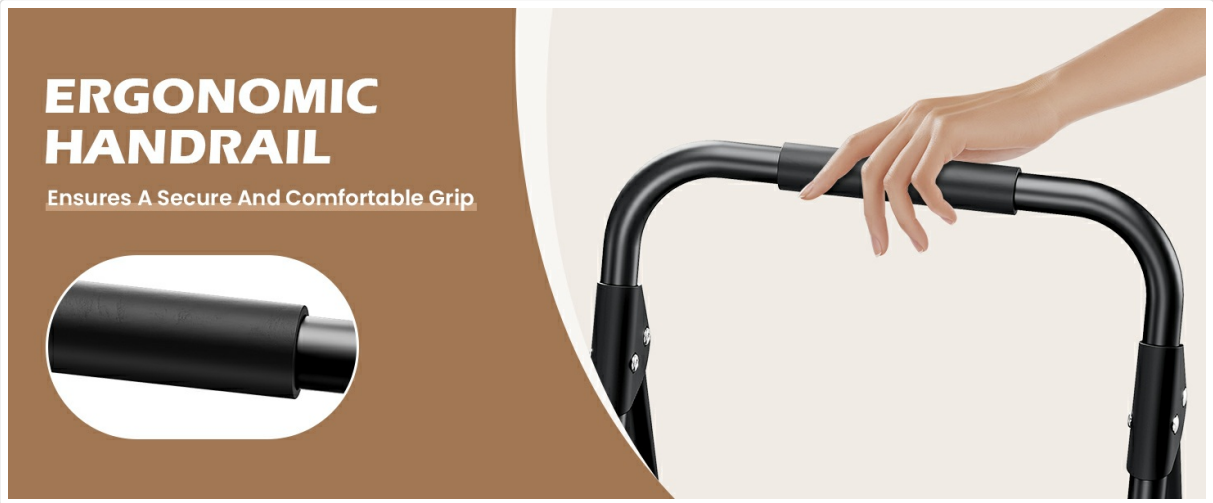


Figure 3.2: Detail of the ergonomic handrail, designed with a soft sponge covering to provide a secure and comfortable grip during use.

Folding and Storage

To fold the ladder for storage:

1. Ensure no one is on the ladder.
2. Locate the red safety buckle under the top pedal.
3. Press the red button on the buckle to release the lock.
4. Gently push the front and back legs together until the ladder is fully folded.
5. Store the folded ladder in a dry, safe place, away from high traffic areas. Its slim 2.99-inch folded profile allows for space-saving storage.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ladder.

- **Cleaning:** Wipe the ladder with a damp cloth and mild detergent. Avoid abrasive cleaners or solvents that could damage the finish or anti-slip surfaces.
- **Inspection:** Before each use, inspect the ladder for any signs of damage, loose fasteners, or wear on the anti-slip feet and pedals. Ensure the safety lock mechanism operates smoothly.
- **Storage:** Store the ladder in a dry environment to prevent rust. Avoid storing it in direct sunlight or extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your KINGRACK 2-Step Folding Ladder, consider the following:

- **Ladder feels wobbly:** Ensure the ladder is placed on a completely flat and stable surface. Check that all four anti-slip rubber feet are making full contact with the ground. Verify the safety lock is fully engaged.
- **Difficulty folding/unfolding:** Ensure the safety lock button is pressed firmly when folding. When unfolding, ensure the legs are pulled apart completely until the lock clicks into place. Check for any obstructions in the hinge mechanisms.
- **Damaged parts:** Do not attempt to repair damaged components. Contact customer support for assistance.

6. SPECIFICATIONS

Feature	Detail
Model Number	VC-WK2227-2-new
Material	Steel
Number of Steps	2
Color	Black
Load Capacity	800 Pounds
Item Weight	10.91 Pounds
Open Dimensions	18.1"L x 22.04"W x 31.77"H (approx.)
Folded Dimensions	18.1"L x 3"W x 35.43"H (approx.)
Special Feature	Foldable, Anti-Slip Pedals, Handrail

RELEVANT SIZE DETAILS

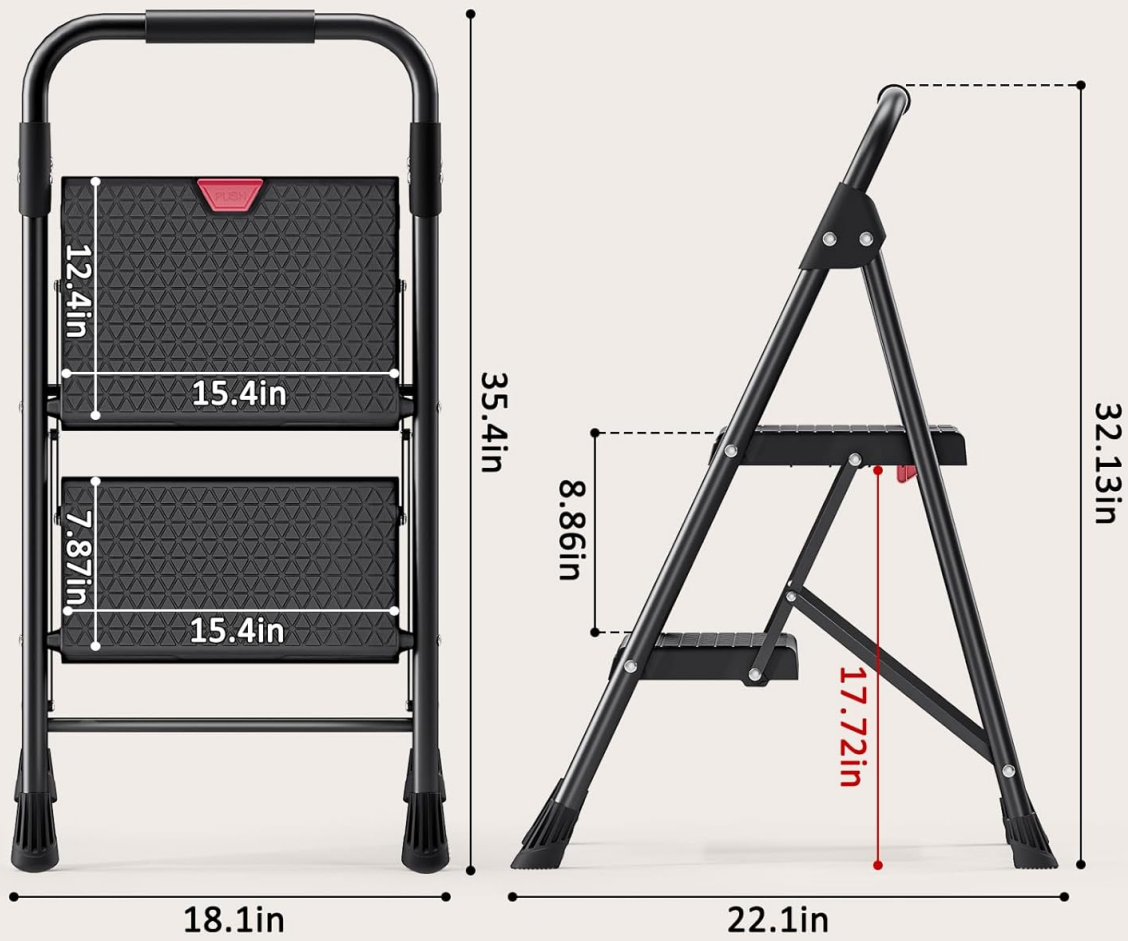


Figure 6.1: This image provides detailed measurements of the ladder in both its open and folded configurations, including height, width, and step dimensions for accurate reference.

HEAVY DUTY LOAD CAPACITY

Load-Bearing
Capacity

800

LBS



Figure 6.2: Visual representation highlighting the heavy-duty construction and 800 lbs load capacity of the ladder, ensuring robust support.



Figure 6.3: A close-up view of the ladder's anti-slip rubber feet, featuring a serrated design for enhanced traction and stability on various surfaces.

7. WARRANTY INFORMATION

KINGRACK offers a 12-month problem-solving service for this product. For any manufacturing defects or issues arising from normal use within this period, please contact customer support for assistance.

8. CUSTOMER SUPPORT

For further assistance, questions, or to report any issues with your KINGRACK 2-Step Folding Ladder, please contact KINGRACK customer support through the retailer where the product was purchased or visit the official KINGRACK website for contact information.