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> VIVOHOME 3 Step Railing Kit for Outdoor Steps, Wrought Iron Railing with 4 Step Railing Kit

## VIVOHOME 3 Step Railing Kit / 4 Step Railing Kit

# VIVOHOME Outdoor Stair Railing Kit User Manual

Model: 3 Step Railing Kit / 4 Step Railing Kit

Brand: VIVOHOME

## 1. PRODUCT OVERVIEW

The VIVOHOME Outdoor Stair Railing Kit is designed to enhance safety and accessibility for outdoor steps. Constructed from durable wrought iron with a corrosion-resistant coating, these handrails provide reliable support and are built to withstand various weather conditions.

This kit includes components for both 3-step and 4-step configurations, offering versatility for different staircase designs.

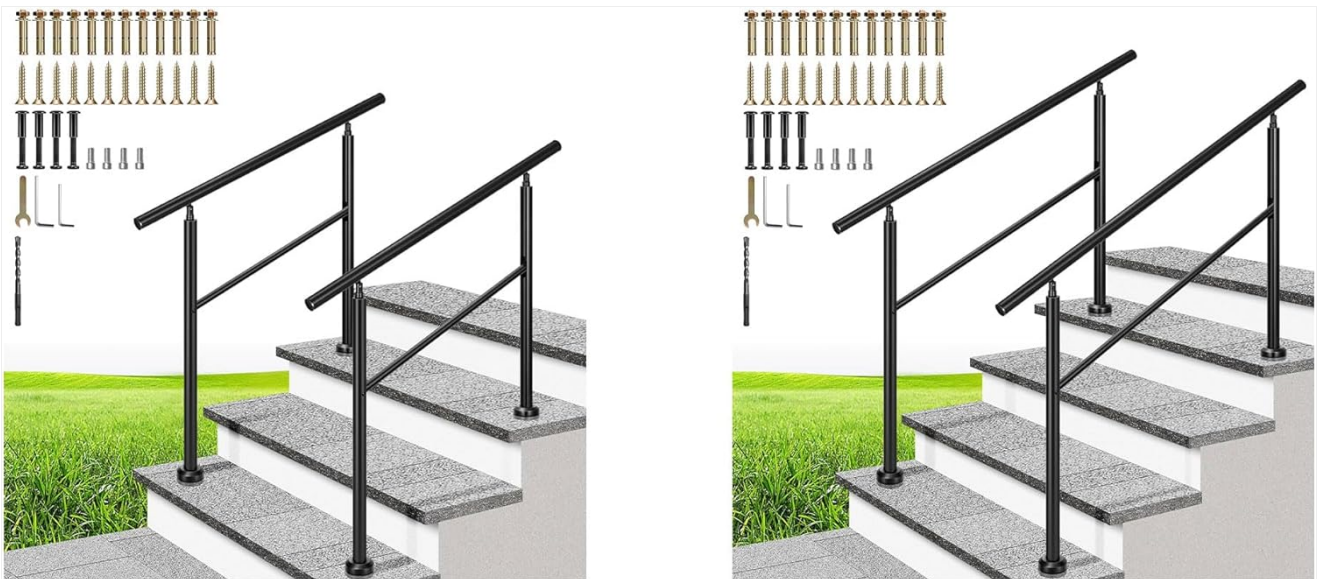


Image: The VIVOHOME Outdoor Stair Railing Kit, showing both 3-step and 4-step configurations installed on outdoor stairs, along with included hardware.

### Key Features:

- **Durable Construction:** Made from high-quality iron with galvanization and painting for enhanced rust-proof

and durability. Features bottom drainage holes to prevent water accumulation.

- **Safe & Comfortable Grip:** 1.6-inch round handrail design for a comfortable grip. Reinforced joints and stable base ensure wobble-free support.
- **Versatile Design:** Maximum lift height up to 45° to accommodate various staircase angles. Suitable for concrete, wooden, or brick steps.
- **Wide Application:** Ideal for residential and commercial use, including home steps, patios, porches, schools, parks, and business entryways.

# User-Friendly Design

Provide comfort and aesthetics



An additional 3/8" hammer drill bit is included



● **Drilling Depth: 3 in**



*Image: An elderly woman safely descending outdoor steps, holding onto the installed VIVOHOME handrail, demonstrating its durable construction and support.*

## 2. SAFETY INFORMATION

Please read and understand all instructions before installation and use. Failure to follow these instructions may result in injury or damage to the product.

- Always wear appropriate safety gear, including gloves and eye protection, during installation.
- Ensure the mounting surface is solid and capable of supporting the railing's weight and intended load.

- Verify all fasteners are securely tightened after installation and periodically check for looseness.
- Do not use the railing for purposes other than providing support on stairs.
- Keep children and pets away from the installation area.

### 3. SETUP AND INSTALLATION

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The VIVOHOME Hand Rail Kit is designed for easy installation. All necessary hardware is included. An additional 3/8" hammer drill bit is provided for installation on solid surfaces.

#### 3.1. Package Contents:



*Image: A detailed view of the VIVOHOME handrail kit components, including the railing sections, various screws, wall anchors, an Allen wrench, and a drill bit.*

Please verify all parts are present before beginning installation:

- Handrail sections (top rail, vertical supports, horizontal supports)
- Mounting bases

- Expansion bolts/screws for mounting
- Allen wrench
- 3/8" hammer drill bit (for solid surfaces)

### 3.2. Handrail Selection Tips:

Before installation, measure the distance between the two points on your staircase to select the appropriate handrail size. The maximum lift height reaches up to 45°, accommodating most staircases.



*Image: A diagram illustrating the process of measuring the distance between two points on a staircase to determine the correct handrail length, with examples of various handrail lengths.*

### 3.3. Installation Steps:

Follow these steps for a secure installation. Recommended drilling depth for mounting is 3 inches.

# Easy Installation



Image: A six-panel collage demonstrating the easy installation process of the VIVOHOME handrail, from assembling components on the ground to securing the base to the steps.

1. **Assemble Components:** Connect the vertical support posts to the horizontal support bars and the top handrail. Ensure all connections are snug.
2. **Secure Connections:** Use the provided Allen wrench to tighten all screws connecting the handrail sections.
3. **Position Railing:** Place the assembled railing on your steps to determine the optimal mounting positions for the bases. Mark the drilling points.
4. **Drill Holes:** Using a drill and the appropriate drill bit (3/8" hammer drill bit for concrete/brick), drill holes at the marked positions to a depth of 3 inches.
5. **Insert Anchors:** Insert the expansion bolts or anchors into the drilled holes.
6. **Mount Railing:** Align the pre-drilled holes in the railing bases with the anchors. Secure the railing to the steps using the provided screws, ensuring a firm and stable attachment.

# Handrail Selection Tips

- 1 Measure the distance between the two points



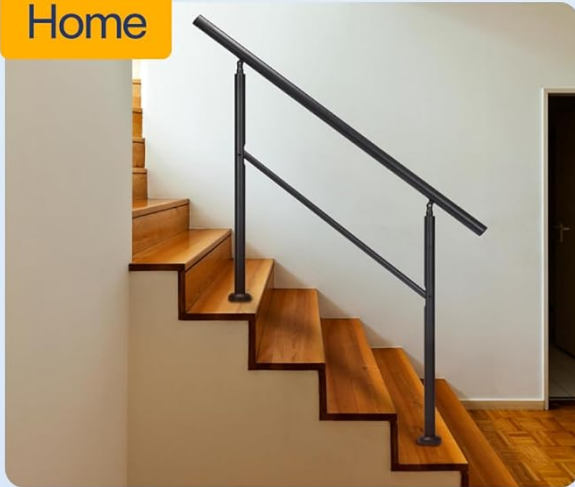
- 2 Select the size of the handrail that is closest
- 3 Adjust mounting position by selected size



Image: Close-up views highlighting the user-friendly design, including the included 3/8" hammer drill bit, the sturdy mounting base with pre-drilled holes, and the comfortable round handrail grip.

# Wide Application

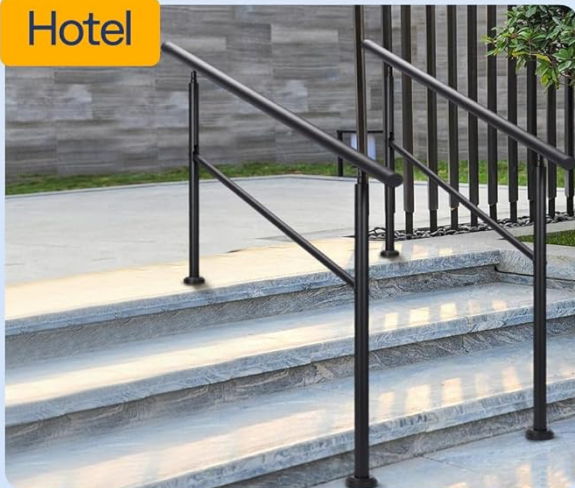
Home



Garden



Hotel



Porch



Image: A diagram illustrating the versatile design of the VIVOHOME handrail, showing its ability to adjust to a maximum lift height of 45 degrees to meet various staircase installation requirements.

## 4. USAGE AND APPLICATION

Once installed, the VIVOHOME Outdoor Stair Railing provides a secure and comfortable handhold for ascending and descending stairs. Its robust construction ensures stability and safety for all users, including the elderly, children, and individuals with mobility issues.

The versatile design allows for seamless integration into various environments, such as residential homes (steps, patios, porches) and commercial spaces (schools, parks, business entryways), providing enhanced safety wherever needed.

## 5. MAINTENANCE

Regular maintenance will ensure the longevity and continued performance of your VIVOHOME stair railing.

- **Cleaning:** Wipe down the railing periodically with a damp cloth and mild soap to remove dirt and grime. Avoid abrasive cleaners or harsh chemicals that could damage the coating.

- **Inspection:** Annually inspect all mounting points and connections for any signs of looseness, rust, or damage. Tighten any loose fasteners immediately.
- **Corrosion Protection:** While the railing has a corrosion-resistant coating, extreme weather conditions or prolonged exposure to moisture can still affect it. Consider applying a protective wax or sealant if you notice any wear on the coating, especially in coastal or high-humidity areas.
- **Drainage Holes:** Ensure the bottom drainage holes remain clear of debris to prevent water accumulation inside the posts.

## 6. TROUBLESHOOTING

If you encounter any issues with your VIVOHOME stair railing, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Railing feels wobbly after installation.	Loose mounting bolts or inadequate anchors.	Ensure all mounting bolts are fully tightened. If the surface is soft, consider using stronger anchors or reinforcing the mounting area.
Rust spots appearing on the surface.	Damage to the protective coating or prolonged exposure to moisture.	Clean the rust spots with a wire brush, then apply a rust-inhibiting primer and touch-up paint matching the original finish. Ensure drainage holes are clear.
Difficulty aligning holes during assembly.	Components not fully seated or misaligned.	Double-check that all sections are correctly oriented and fully inserted before tightening screws. Loosen slightly, adjust, then retighten.

## 7. SPECIFICATIONS

Feature	Detail
Model	3 Step Railing Kit / 4 Step Railing Kit
Material	Wrought Iron with Corrosion-Resistant Coating
Handrail Diameter	1.6 inches
Max Lift Height Adjustment	Up to 45 degrees
Recommended Drilling Depth	3 inches
Included Drill Bit	3/8" Hammer Drill Bit

## 8. WARRANTY AND SUPPORT

VIVOHOME products are designed for quality and durability. For specific warranty information regarding your railing kit, please refer to the product packaging or contact VIVOHOME customer support directly.

If you require further assistance with installation, maintenance, or troubleshooting, please visit the official VIVOHOME website or contact their customer service department. Contact information can typically be found on the

product packaging or the brand's official online presence.

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