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> VIVOHOME 4 and 2 Step Railing Kit Instruction Manual

VIVOHOME 4 Step Railing Kit with 2 Step Railing Kit

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MODEL: 4 STEP RAILING KIT WITH 2 STEP RAILING KIT

Brand: VIVOHOME

1. Product Overview

The VIVOHOME 4 and 2 Step Railing Kit provides reliable support and enhanced safety for various stair applications, including porches, decks, and indoor stairs. Constructed from durable iron with a corrosion-resistant coating, these handrails are designed for longevity and stability.

Key Features:

- **Durable Construction:** Made from high-quality iron with galvanization and painting for rust resistance and durability. Features bottom drainage holes to prevent water accumulation.
- **Comfortable Grip:** 1.6-inch round handrail design for a comfortable and secure grip. Reinforced joints and a stable base ensure no wobbling.
- **Easy Installation:** Includes all necessary hardware for quick attachment to wood, concrete, or brick steps. Pre-drilled holes and an additional 3/8" hammer drill bit simplify the process.
- **Versatile Design:** Maximum lift height up to 45 degrees, suitable for most staircases. Provides support for elderly, children, and individuals with mobility issues.
- **Wide Application:** Ideal for residential and commercial use, including homes, patios, porches, schools, parks, and business entryways.

Durable Construction

Indoor and outdoor use



Image: A person descending stairs, holding the VIVOHOME handrail, illustrating its durable construction and suitability for both indoor and outdoor environments.

2. Safety Information

- Always wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.
- Ensure all fasteners are securely tightened before using the handrail.
- Regularly inspect the handrail for any signs of wear, damage, or loose connections. Address any issues promptly.
- Do not exceed the intended load-bearing capacity of the handrail. It is designed for human support, not for heavy loads or climbing.
- Keep children away from the installation area during assembly.

3. Setup and Installation

This section provides detailed instructions for assembling and installing your VIVOHOME Railing Kit. Ensure you have all components and tools before beginning.

3.1. Package Contents

The kit includes:

- Handrail sections
- Support posts
- Mounting hardware (screws, anchors)
- Hex wrench
- 3/8" hammer drill bit



Image: All components of the VIVOHOME 4 Step Railing Kit laid out, including the handrail, posts, screws, anchors, hex wrench, and drill bit.

3.2. Required Tools (Not Included, except drill bit)

- Measuring tape
- Pencil or marker
- Hammer drill (for concrete/brick)
- Standard drill (for wood)
- Level
- Wrench or socket set (if needed for specific fasteners)

3.3. Handrail Selection Tips

To ensure proper fit, measure the distance between the two points where the handrail will be mounted on your stairs. Select the handrail size that is closest to your measurement. Adjust the mounting position as needed based on the selected size.

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

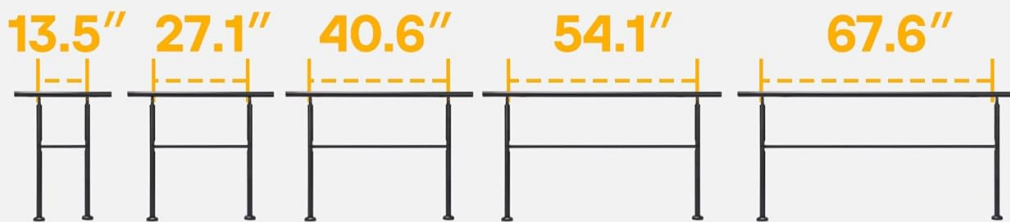


Image: A visual guide on how to measure the distance between mounting points on stairs to select the appropriate handrail length. Various lengths are shown for reference.

3.4. Installation Steps

Follow these steps for a secure installation:

1. **Assemble Handrail Sections:** Connect the handrail sections to the support posts using the provided hex wrench and fasteners. Ensure all connections are snug.
2. **Position and Mark:** Place the assembled handrail on your stairs in the desired position. Use a level to ensure it is straight. Mark the locations for drilling through the pre-drilled holes in the base plates.
3. **Drill Holes:** Using a hammer drill and the included 3/8" drill bit (for concrete/brick) or a standard drill (for wood), drill holes at the marked locations. The recommended drilling depth is 3 inches.
4. **Insert Anchors (if applicable):** For concrete or brick surfaces, insert the appropriate anchors into the drilled holes.
5. **Secure Handrail:** Align the handrail base plates with the drilled holes/anchors. Insert and tighten the mounting screws firmly.
6. **Final Check:** Verify that the handrail is stable and does not wobble. Re-tighten any loose fasteners if necessary.

Easy Installation



Image: A step-by-step visual guide showing the assembly of the handrail components and the process of securing the handrail to the stairs.

User-Friendly Design

Provide comfort and aesthetics



An additional 3/8" hammer drill bit is included



● **Drilling Depth: 3in**



Image: Close-up details of the included 3/8" hammer drill bit and the base plate, emphasizing the recommended 3-inch drilling depth for secure installation.

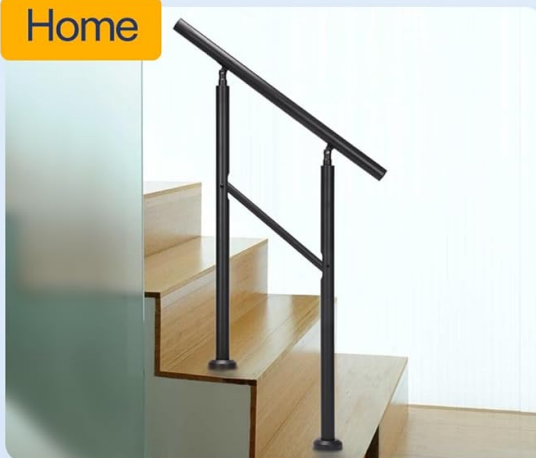
4. Operating and Usage

The VIVOHOME Railing Kit is designed to provide stable support for individuals navigating stairs. Its versatile design allows for installation on various types of staircases and in diverse environments.

- Use the handrail for balance and support when ascending or descending stairs.
- The handrail's maximum lift height reaches up to 45 degrees, accommodating most stair angles.
- Suitable for home steps, patios, porches, and public spaces like schools and business entryways.

Wide Application

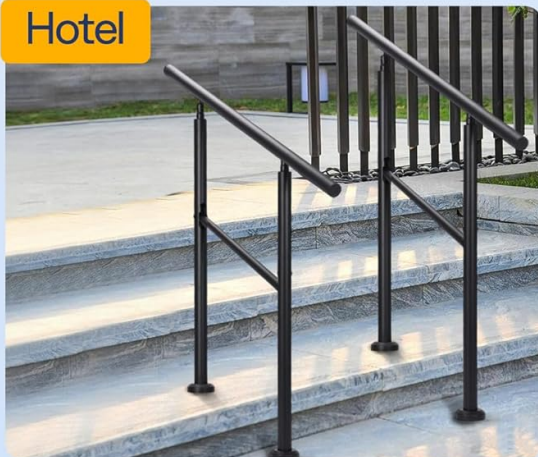
Home



Garden



Hotel



Porch

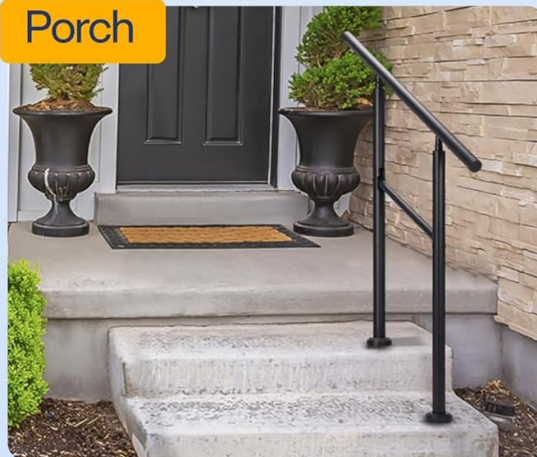


Image: Examples of the VIVOHOME handrail installed in different locations, including residential interiors, outdoor gardens, commercial hotels, and home porches, highlighting its adaptability.

Versatile Design



Image: A graphic demonstrating the handrail's versatile design, specifically its maximum lift height of 45 degrees, which allows it to adapt to different stair inclinations.

5. Maintenance

Proper maintenance ensures the longevity and continued safety of your VIVOHOME Railing Kit.

- **Cleaning:** Wipe the handrail surfaces regularly with a soft, damp cloth to remove dust and dirt. For stubborn stains, a mild soap solution can be used, followed by rinsing with clean water and drying thoroughly. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspection:** Periodically check all mounting points and connections for tightness. Ensure there are no loose screws or signs of corrosion. Inspect the handrail for any structural damage or excessive wear.
- **Drainage:** Ensure the bottom drainage holes remain clear of debris to prevent water accumulation, especially in outdoor installations.

6. Troubleshooting

If you encounter any issues with your VIVOHOME Railing Kit, refer to the following common problems and solutions:

- **Handrail feels wobbly:**

- Check all mounting screws at the base plates and connections between handrail sections. Tighten any loose fasteners.
- Ensure the mounting surface is solid and provides adequate support. If installed on a weak surface, consider reinforcing it.
- **Difficulty drilling into surface:**
 - Ensure you are using the correct drill bit (3/8" hammer drill bit for concrete/brick) and a powerful enough drill.
 - Apply steady pressure and allow the drill to do the work.
- **Handrail does not align with stair angle:**
 - The handrail is designed to accommodate angles up to 45 degrees. Re-check your measurements and ensure the handrail is positioned correctly on the steps.
 - Adjust the mounting position slightly if needed to achieve the best fit.

7. Specifications

Brand	VIVOHOME
Model	4 Step Railing Kit with 2 Step Railing Kit
Material	Iron
Color	Black
Finish Type	Painted
Maximum Lift Height	Up to 45 degrees
Handrail Diameter	1.6 inches
Recommended Drilling Depth	3 inches

8. Warranty and Support

For warranty information or technical support, please contact VIVOHOME customer service. Keep your purchase receipt for any warranty claims.

You can find more information about VIVOHOME products and support on their official store page: [VIVOHOME Store](#)