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> VINGLI Handrails for Outdoor Steps Instruction Manual (Model VL-HR-2P)

## VINGLI VL-HR-2P

# VINGLI Handrails for Outdoor Steps Instruction Manual

Model: VL-HR-2P

## INTRODUCTION

Thank you for choosing VINGLI Handrails. This manual provides essential information for the safe and proper installation, operation, and maintenance of your new handrails. Please read all instructions carefully before beginning installation and retain this manual for future reference.

These handrails are constructed from heavy-duty wrought iron with a powder-coated finish, designed to provide stable support for 1 to 5 steps. They are suitable for various outdoor and indoor applications, including porch steps, garden stairs, and deck entries.



Image: A person safely descending outdoor steps while holding a VINGLI handrail, demonstrating its intended use for support.

## SAFETY INFORMATION

- Always ensure the handrails are securely fastened to a stable surface before use.
- Regularly inspect all mounting hardware for tightness. Loose connections can compromise stability.
- Do not exceed the maximum load capacity of 400 lbs.
- Keep children away from the installation area during assembly.
- Wear appropriate safety gear, such as gloves and eye protection, during installation.
- If you are unsure about any part of the installation process, consult a qualified professional.

## SOLID SAFETY, STEP BY STEP



Heavy-duty Wrought Iron  
Supports up to 400 lbs



Extra Bars, Extra Stability  
Reinforced Bars + Wide Base

Image: Detailed view highlighting the heavy-duty wrought iron construction, indicating a 400 lbs support capacity, and the wide, stable base of the handrail.

### PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Handrail (Powder Coating Black)
- 1 x Installation Kit (includes necessary hardware for mounting)

### SETUP AND INSTALLATION

The VINGLI Handrails are designed for quick and straightforward installation. They can be adjusted to fit 1 to 5 steps and are compatible with various surfaces including concrete, brick, and wood.

#### General Installation Steps:

1. **Positioning:** Place the handrail in the desired location on your steps. Ensure it is centered and provides adequate clearance.

2. **Marking:** Use a marker or pencil to mark the drilling points through the pre-drilled holes in the handrail's base plates.
3. **Drilling:** Drill pilot holes at the marked locations using an appropriate drill bit for your surface type (concrete, wood, or brick).
4. **Securing:** Insert the expansion bolts or screws (from the installation kit) into the drilled holes and fasten the handrail securely. Tighten all bolts firmly.

## QUICK 4-STEP SET UP



Image: A visual guide illustrating the four key steps for setting up the handrail: marking drill points, drilling holes, securing the base with bolts, and the final installed appearance.

### Adjustability:

The handrail features a flexible angle and height range to accommodate various step dimensions, fitting 1 to 5 steps. Adjust the angle of the handrail to match the incline of your stairs before securing the base plates.

# UNIVERSAL FIT



Image: Two VINGLI handrails installed on outdoor concrete steps, with graphic overlays indicating compatibility with wood, concrete, and brick surfaces.

# ONE RAIL FITS ALL

## Porch Steps



## Courtyard Steps



## Indoor Steps



## Park Steps

Image: A collage showing the versatility of the VINGLI handrail, installed on various step types including porch, courtyard, indoor, and park steps.

## OPERATING INSTRUCTIONS

Once properly installed, the VINGLI Handrails provide a stable and secure grip for ascending and descending steps. Always use the handrail for support to prevent slips and falls, especially for seniors or individuals requiring additional stability.

## MAINTENANCE

To ensure the longevity and appearance of your VINGLI Handrails, follow these simple maintenance guidelines:

- **Cleaning:** The advanced powder-coated surface allows for easy wipe-clean maintenance. Use a soft cloth with mild soap and water to clean the handrails. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspection:** Periodically check all bolts and connections to ensure they remain tight. Re-tighten if necessary.
- **Rust Prevention:** The powder-coated finish is designed to resist rust and UV degradation. However, in harsh

environments, inspect for any chips or scratches in the coating and touch up with appropriate paint to prevent rust.

## POWDER-COATED SURFACE



Image: A detailed view of the handrail's powder-coated surface, emphasizing its weather-proof quality, comfortable grip, and aesthetically pleasing curved edges.

## TROUBLESHOOTING

If you encounter any issues with your VINGLI Handrails, consider the following:

- **Handrail feels wobbly:** Check all mounting bolts. Ensure they are fully tightened. The mounting surface must be solid and free from damage.
- **Difficulty installing:** Ensure you are using the correct drill bit size for the provided anchors/bolts and the material of your steps. Refer to the installation steps carefully.
- **Surface damage/rust:** For minor scratches, clean the area and apply a rust-inhibiting paint suitable for wrought iron to prevent further corrosion.

## SPECIFICATIONS

Feature	Detail
Brand	VINGLI
Model Number	VL-HR-2P
Material	Wrought Iron
Color	Black
Item Weight	18.2 Pounds
Product Dimensions (L x W)	51.77"L x 29.9"W
Weight Capacity	400 Pounds (Minimum)
Steps Compatibility	Fits 1 to 5 steps
Included Components	1 x Handrail, 1 x Installation Kit



Image: A technical diagram illustrating the key dimensions of the VINGLI handrail, including overall length, width, and specific measurements for the rail and base components.

## WARRANTY INFORMATION

VINGLI products are manufactured to high-quality standards. For specific warranty details, please refer to the product packaging or contact the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.

## SUPPORT

If you have any questions, require assistance with installation, or need to report a missing part, please contact VINGLI customer service through the retailer's platform or visit the official VINGLI website for contact information.

For additional resources and product information, you may visit the [VINGLI Store on Amazon](#).



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