

[Manuals.plus](#) /

› [VEVOR](#) /

› VEVOR 16" x 12" x 6" Electrical Enclosure Box Instruction Manual

VEVOR 16" x 12" x 6" JSTCFSDQX

VEVOR Electrical Enclosure Box

MODEL: 16" x 12" x 6" JSTCFSDQX

Instruction Manual

1. Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your VEVOR 16" x 12" x 6" Electrical Enclosure Box. Please read these instructions thoroughly before use and retain them for future reference.

The VEVOR Electrical Enclosure Box is designed to protect electrical components in various environments, offering robust construction and weather resistance.

2. Safety Information

WARNING: Electrical work should only be performed by qualified personnel. Failure to follow safety guidelines can result in serious injury or death.

- Always disconnect power before installing or servicing the enclosure.
- Ensure proper grounding of the enclosure to prevent electrical shock.
- Verify that the enclosure's IP66 rating is suitable for your intended environment.
- Do not modify the enclosure in any way that could compromise its protective features.
- Keep the enclosure door securely latched to maintain its waterproof and dustproof integrity.

3. Product Overview

The VEVOR Electrical Enclosure Box is constructed from durable materials and features a design focused on protection and ease of installation.

Key Features:

- **Sturdy Construction:** Made from carbon steel with an epoxy polyester powder coating for enhanced wear resistance and protection against rain erosion.
- **Reinforced Lock & Hinge:** Equipped with a high-quality lock core and robust hinges to ensure secure closure and prevent unauthorized access.
- **Waterproof Sealing Strip:** Features a rubber sealing strip and an IP66 protection class to prevent water and dust ingress, safeguarding internal electrical components. Includes an earthing screw for electrical safety.
- **Convenient Installation:** Includes a removable galvanized mounting backplate for easy component installation and four wall mounting holes for secure wall fixation.
- **Extensive Use:** Suitable for both indoor and outdoor applications, ideal for industrial equipment, medical devices, factories, construction sites, and residential areas.

Components:



Figure 1: Detailed view of the enclosure's components, including the quality safety lock, mounting plate, high-strength hinge, ground screw, and bottom outlet.



Figure 2: The enclosure features a robust rubber sealing strip and an IP66 rating, providing protection against environmental elements like dust, rain, UV radiation, and snow.

4. Setup and Installation

The VEVOR Electrical Enclosure Box is designed for straightforward wall-mounted installation.

Installation Steps:

1. **Select Mounting Location:** Choose a suitable wall location that is stable and can support the weight of the enclosure and its contents. Ensure adequate clearance for opening the door.
2. **Mark Drilling Points:** Use the four wall mounting holes on the back of the enclosure as a template to mark the drilling points on the wall.
3. **Drill Holes:** Drill appropriate holes for your chosen mounting hardware (not included, typically screws and anchors).
4. **Mount Enclosure:** Securely attach the enclosure to the wall using the mounting hardware. Ensure it is level and firmly fixed.
5. **Install Components:** The removable galvanized mounting backplate facilitates the installation of

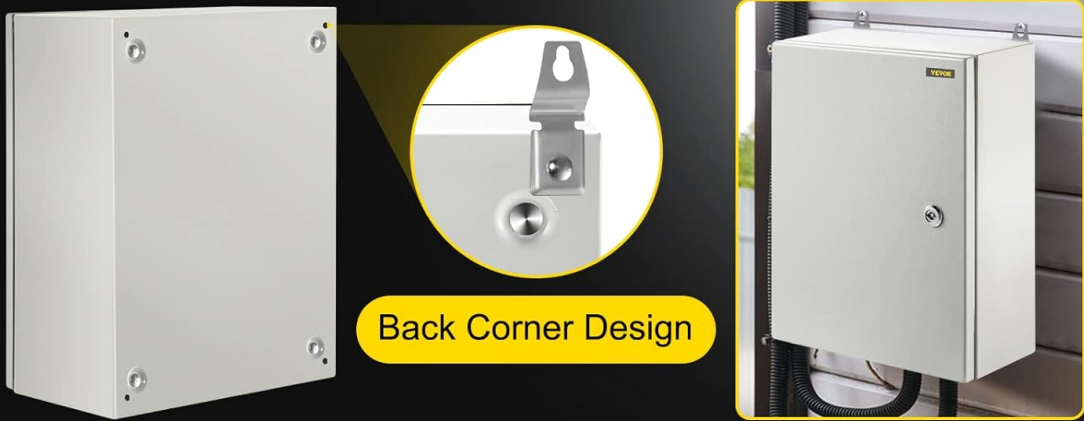
electrical components. Install your devices onto this plate before securing the plate inside the enclosure.

6. **Grounding:** Connect the enclosure to a reliable earth ground using the provided earthing screw.

EASY TO INSTALL & OPERATE

Flexible Installation Location

▼ With four hooks, it can be easily installed on the wall



Back Corner Design

All Necessary Accessories Included

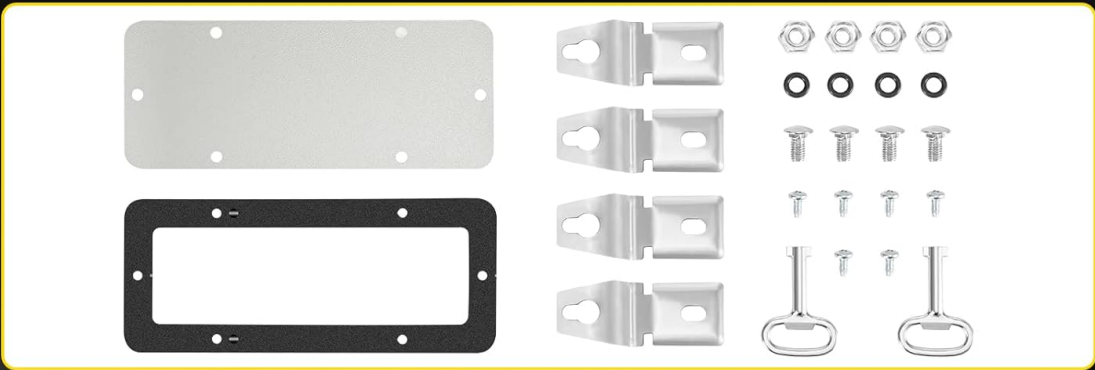


Figure 3: The enclosure features a back corner design for easy wall mounting using hooks. All necessary accessories for mounting are included.

5. Operating Instructions

Once installed and wired by a qualified electrician, operating the enclosure involves ensuring its protective features are maintained.

- **Access:** Use the provided key to unlock and open the enclosure door.
- **Secure Closure:** After accessing or performing any work inside, ensure the door is closed firmly and the lock is engaged to maintain the IP66 rating.
- **Environmental Protection:** The enclosure is designed to protect against dust and water. Avoid direct, high-pressure water jets unless the enclosure is specifically rated for it, as this could compromise the seal over time.

6. Maintenance

Regular maintenance helps ensure the longevity and protective capabilities of your VEVOR Electrical Enclosure Box.

- **Periodic Inspection:** Regularly inspect the enclosure for any signs of damage, corrosion, or wear on the exterior, hinges, and lock.
- **Seal Integrity:** Check the rubber sealing strip around the door for cracks, hardening, or displacement. A damaged seal should be replaced promptly to maintain the IP66 rating.
- **Cleaning:** Clean the exterior of the enclosure with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the powder coating.
- **Hinge and Lock Lubrication:** Periodically apply a small amount of lubricant to the hinges and lock mechanism to ensure smooth operation.
- **Grounding Check:** Verify that the grounding connection remains secure.

7. Troubleshooting

Refer to the following table for common issues and their potential solutions:

Problem	Possible Cause	Solution
Water or dust inside enclosure	Damaged or improperly seated sealing strip; door not fully closed/locked.	Inspect and replace sealing strip if damaged. Ensure door is fully closed and locked.
Difficulty opening/closing door	Corrosion or debris in hinges/lock; misaligned door.	Clean and lubricate hinges and lock. Check for proper alignment of the door.
Enclosure feels loose on wall	Loose mounting hardware.	Tighten all mounting screws. Inspect wall anchors for integrity.

8. Specifications

Specification	Detail
Brand	VEVOR
Model Number	JSTCFSDQX (ST3 415)
Material	Carbon Steel (Alloy Steel)

Specification	Detail
Color	Gray white (RAL7035)
External Dimensions (W*H*D)	16" x 12" x 6" (40 cm x 30 cm x 15 cm)
Internal Dimensions (W*H*D)	15.6 in x 11.7 in x 4.6 in (39.7 cm x 29.7 cm x 11.65 cm)
Protection Class	IP66
Finish Type	Powder Coated
Installation Type	Screw-In (Wall-mounted)
Net Weight	15.5 Pounds (7.05 kg)

PRODUCT SPECIFICATIONS:

VEVOR®

Net Weight: 15.54 lbs / 7.05 kg

External Dimensions (W*H*D): 16 in x 12 in x 6 in / 40 cm x 30 cm x 15 cm

Internal Dimensions (W*H*D): 15.6 in x 11.7 in x 4.6 in / 39.7 x 29.7 x 11.65 cm



Factory



Home



Square



Shopping Mall

Figure 4: Product specifications and dimensions for the VEVOR Electrical Enclosure Box.

9. Product Video

Watch this video for a closer look at the VEVOR Electrical Enclosure Box:

Your browser does not support the video tag.

Video: Overview of the VEVOR Stainless Steel Electrical Box, demonstrating its features and construction.

10. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official VEVOR website. Keep your purchase receipt as proof of purchase.