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VEVOR FHTFKSX 16X8

VEVOR Crawl Space Flood Vent Instruction Manual

Model: FHTFKSX 16X8

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your VEVOR Crawl Space Flood Vent. This product is designed to reduce hydrostatic pressure on foundation walls during flood events by allowing floodwater to flow freely, thereby helping to prevent structural damage and potentially lowering flood insurance premiums. Please read these instructions thoroughly before installation and use.



Image: The VEVOR Crawl Space Flood Vent in action, showing water passing through, and examples of its application in crawl spaces, garages, and sheds.

Product Features

- **Flood Risk Reduction:** Designed to allow floodwater to pass through, equalizing hydrostatic pressure and reducing potential foundation damage.
- **Flexible and Compact Design:** Features a removable inner panel for maintenance and cleaning, ensuring proper ventilation.
- **Effortless Installation:** Equipped with four mounting holes and includes expansion bolts for straightforward installation in new construction or retrofitting.
- **Sturdy Steel Construction:** Made from zinc-coated steel for corrosion resistance, rust resistance, and durability. The surface is treated with paint for wear resistance and easy cleaning.
- **Reliable Welding Technology:** Utilizes high-strength welding for enhanced structural integrity and shock resistance.

Setup and Installation

The VEVOR Crawl Space Flood Vent is designed for easy installation. It can be integrated into new construction or retrofitted into existing structures.

Required Tools (Not Included):

- Drill
- Drill bits appropriate for your wall material
- Measuring tape
- Level
- Marking tool (pencil/marker)
- Sealant (for retrofitting, if needed)

Installation Steps:

1. **Prepare the Opening:** Ensure the wall opening dimensions are suitable for the vent. The vent's opening dimensions are approximately 16 inches (W) x 8 inches (H). The overall item dimensions are 18.3 inches (W) x 10.23 inches (H) x 0.87 inches (D).
2. **Position the Vent:** Place the flood vent into the prepared opening. Use a level to ensure it is straight.
3. **Mark Mounting Holes:** Use the four pre-drilled mounting holes on the vent's frame to mark the drilling locations on the wall.
4. **Drill Holes:** Remove the vent and drill pilot holes at the marked locations. Ensure the drill bit size matches the provided expansion bolts.
5. **Secure the Vent:** Re-position the vent and insert the provided expansion bolts through the mounting holes into the drilled holes. Tighten the bolts securely to fasten the vent to the wall. For retrofitting, apply appropriate sealant around the edges of the vent for a weather-tight seal.

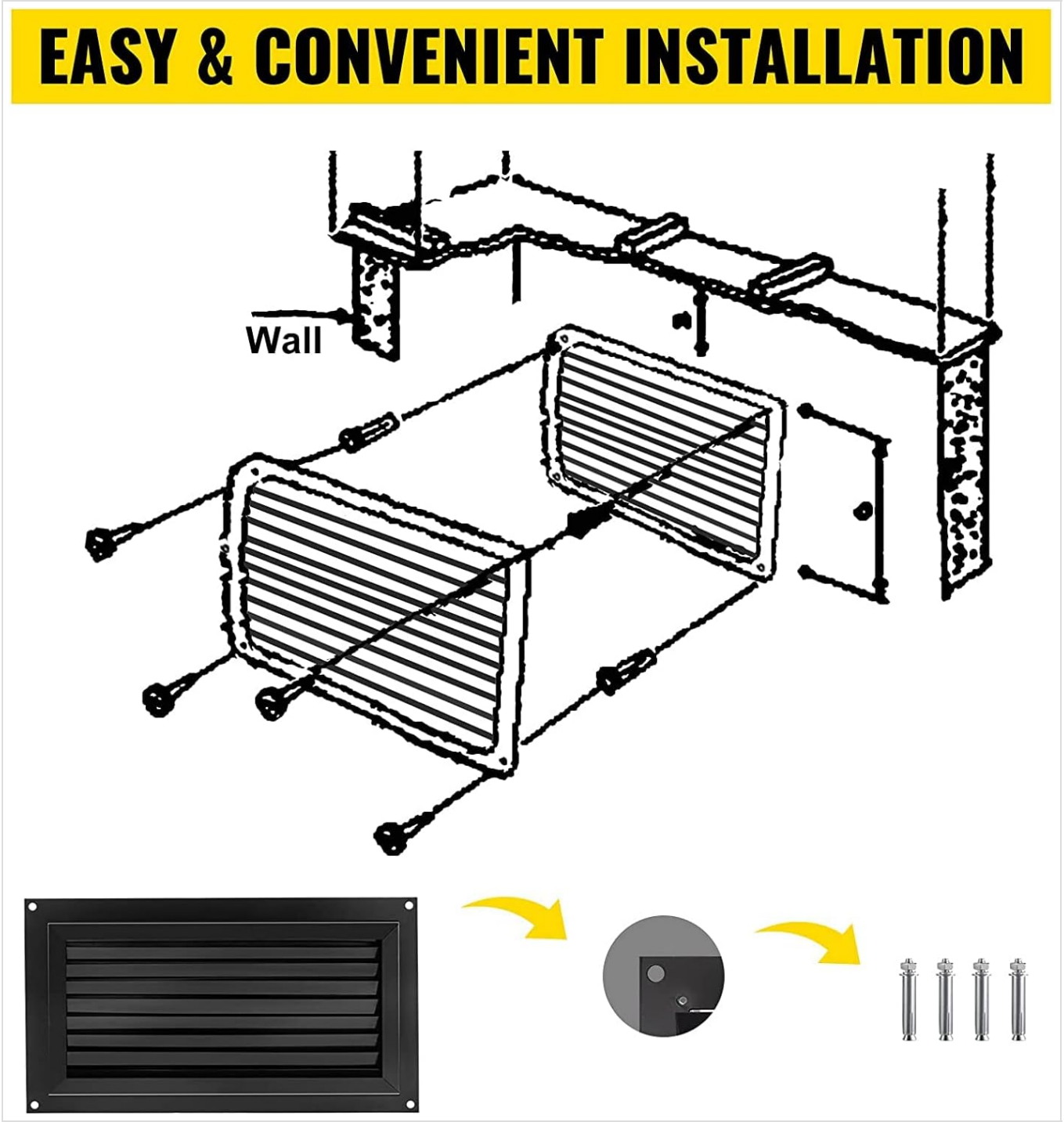


Image: Installation diagram illustrating how to mount the flood vent using the provided expansion bolts.



Image: Detailed view of the flood vent's mounting holes and the expansion bolts.

Operating Instructions

The VEVOR Crawl Space Flood Vent operates passively during a flood event. Its primary function is to allow water to enter and exit the enclosed area, such as a crawl space or garage, to equalize hydrostatic pressure.

- **During Flood Conditions:** The design of the vent allows for the free flow of floodwater. The inner panel is designed to be removed to facilitate this flow, preventing hydrostatic pressure buildup against foundation walls.
- **Normal Conditions:** The vent provides ventilation to the crawl space or enclosed area. The louvered design helps protect the interior from debris while allowing air circulation.

It is crucial to ensure the vent is clear of obstructions, especially during periods of potential flooding, to allow it to function as intended.

Maintenance

Regular maintenance ensures the longevity and proper function of your VEVOR Crawl Space Flood Vent.

1. **Periodic Inspection:** Inspect the vent periodically for any signs of damage, corrosion, or obstructions. Ensure the mounting bolts remain secure.
2. **Cleaning:** The inner panel of the vent is detachable for easy cleaning. Remove the inner louvered panel to clear any accumulated debris, dust, or insects that might impede airflow or water flow during a flood.
3. **Surface Care:** The painted zinc-coated steel surface is designed for wear resistance and is easy to scrub. Clean with a mild detergent and water as needed. Avoid abrasive cleaners that could damage the finish.



Image: Detachable back panel for convenient disassembly and maintenance.

Troubleshooting

If you encounter issues with your VEVOR Crawl Space Flood Vent, consider the following:

- **Reduced Airflow/Water Flow:** Check for obstructions within the vent or behind the inner panel. Ensure the inner panel is

correctly seated if it was removed for cleaning.

- **Loose Installation:** If the vent feels loose, re-tighten the expansion bolts. If the wall material is compromised, consult a professional for repair or re-installation.
- **Corrosion/Damage:** While designed for resistance, extreme conditions can cause wear. Inspect for significant corrosion or physical damage. Replacement may be necessary if structural integrity is compromised.

Specifications

Feature	Detail
Model Number	FHTFKSX 16X8
Opening Dimensions (W x H)	16 x 8 inches (406.4 x 203.2 mm)
Item Dimensions (W x H x D)	18.3 x 10.23 x 0.87 inches (465 x 260 x 22 mm)
Material	Zinc-Coated Alloy Steel
Color	Black
Finish Type	Painted
Item Weight	4.3 lbs (1.95 kg)
Included Components	4 x Expansion Bolts



Image: Product dimensions for the VEVOR Crawl Space Flood Vent.



Image: Details of the zinc-coated steel material and surface treatment.



Image: Examples of the product's robust welding for durability.

Warranty Information

According to the manufacturer's specifications, there is no explicit manufacturer warranty description provided for this product.

Support

For further assistance or inquiries regarding your VEVOR Crawl Space Flood Vent, please refer to the official VEVOR website or contact their customer support. You can also visit the VEVOR Store on Amazon for product information and updates.

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