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VEVOR XDB-436B1

VEVOR 18.5-Gal Compact Composting Tumbler

Model: XDB-436B1

Introduction | Safety | Components | Specifications | Setup | Operation | Maintenance | Troubleshooting | Warranty & Support

1. Introduction

The VEVOR 18.5-Gallon Compact Composting Tumbler is designed for efficient composting of organic waste in small spaces. Its rotating chamber facilitates aeration and mixing, accelerating the decomposition process to produce nutrient-rich compost for gardens, kitchens, and yards. This manual provides detailed instructions for assembly, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your composter.



Image 1.1: VEVOR 18.5-Gallon Compact Composting Tumbler, ready for use.

2. Safety Instructions

Please read and understand all safety instructions before assembling or operating the composter. Failure to follow these instructions may result in injury or damage to the product.

- **Wear Protective Gear:** Always wear gloves during assembly and when handling compost materials to protect your hands.
- **Wash Hands:** Thoroughly wash hands after handling compost materials.
- **Ensure Ventilation:** Operate the composter in a well-ventilated outdoor area.
- **Avoid Harmful Materials:** Do not add hazardous, toxic, or non-biodegradable materials to the composter. Refer to the 'Suitable Materials' section for guidance.
- **Monitor Temperature:** Composting can generate heat. Exercise caution when opening the composter, especially after active decomposition.

- **Secure Placement:** Place the composter on a stable, level surface to prevent tipping during operation.
- **Child and Pet Safety:** Keep children and pets away from the composter, especially during loading and tumbling. The sliding door should be securely closed when not in use.
- **Proper Assembly:** Ensure all parts are correctly assembled and tightened according to the instructions to maintain structural integrity.

3. Package Contents

Verify that all components are present before beginning assembly. If any parts are missing or damaged, please contact VEVOR customer support.

- Composter Panels (Hexagonal and Side Panels)
- Sliding Door
- Steel Frame Components (Support Legs, Connecting Bar)
- Support Base/Mounting Brackets
- Phillips Pan Head Screws (M5x8)
- Phillips Screwdriver
- Pair of Gloves
- Instruction Manual



Image 3.1: Included accessories and components.

4. Product Specifications

Feature	Detail
Item Model Number	XDB-436B1
Material	PP (Polypropylene) + Q235B Steel Frame
Color	Black
Capacity	18.5 Gallons / 70 Liters (-10%/+5%)
Max Weight Loading	44.1 LBS / 20 kg
Product Dimensions (L x W x H)	23.8 x 20.1 x 28.7 inches / 605 x 510 x 730 mm
Item Weight	11.4 LBS / 5.15 kg

Feature	Detail
Shape	Octagonal
Special Features	360° Tumbling Design, Sliding Door, Steel Frame, BPA-Free, UV-Resistant, Weatherproof, Optimized Airflow Vents, Internal Grooves

5. Setup and Assembly

Follow these steps carefully to assemble your VEVOR Composting Tumbler. It is recommended to have assistance during assembly.

1. **Assemble the Drum Panels:**
    - Connect the hexagonal panels to form a closed loop. Ensure the male and female clasps align properly before sliding them together.
    - Install the side panels onto the hexagonal structure. Press and tap the connections until a click sound is heard, indicating a secure fit.
    - Attach the sliding door to one of the side panels.
2. **Install Support Bases:**
    - Secure the circular support bases to the center of the hexagonal end panels using the provided screws and screwdriver.
3. **Attach the Steel Frame:**
    - Insert the connecting bar through the center of the support bases on the drum.
    - Attach the U-shaped support legs to the ends of the connecting bar, ensuring they are securely fastened.
    - Use the locking mechanism on the support legs to secure the drum in place during assembly or when not tumbling.



Image 5.1: Visual guide for assembling the composter panels and frame.

Assembly Video Guide

▶ **Watch video online**

Tumbler Composter Installation

Video 5.1: A step-by-step video demonstrating the installation process of the VEVOR Tumbler Composter.

6. Operating Instructions

6.1. Adding Materials

The composter features a detachable sliding door for easy access. Open the door to add your organic waste. Ensure a balanced mix of 'greens' (nitrogen-rich, e.g., food scraps, grass clippings) and 'browns' (carbon-rich, e.g., dry leaves, wood chips) for optimal composting.



Image 6.1: Easy waste addition and compost retrieval through the removable sliding door.

6.2. Suitable Materials for Composting

- **Kitchen Waste:** Fruit peels, vegetable scraps, coffee grounds, tea leaves, eggshells.
- **Yard Waste:** Grass clippings, leaves, small branches, flower clippings.
- **Wood Byproducts:** Sawdust, wood shavings, wood chips (in moderation).
- **Paper Materials:** Newspaper (shredded), food packaging boxes (non-glossy), napkins.

Avoid: Meat, dairy products, oily foods, diseased plants, pet waste, and chemically treated wood, as these can attract pests or introduce harmful pathogens.



Image 6.2: Guide to suitable composting materials.

6.3. Tumbling the Composter

After adding materials, securely close the sliding door. Unlock the drum from its stationary position and rotate it 5-10 times every few days. The 360° tumbling design ensures thorough mixing and aeration, which is crucial for accelerating decomposition. The internal grooves help break up clumps for uniform mixing.



Image 6.3: The 360° tumbling design eliminates manual mixing.

6.4. Optimized Airflow

The composter features strategically placed vents to promote proper air circulation. This ensures sufficient oxygen for microorganisms, speeding up decomposition and preventing anaerobic conditions that can lead to foul odors.



Image 6.4: Deep fins and air vents for efficient composting.

6.5. Retrieving Compost

Compost is typically ready in 4-6 weeks, or less in hot weather. When the compost is dark, crumbly, and has an earthy smell, it is ready. Unlock the drum, position the sliding door over a collection bin or tarp, and open the door to release the finished compost.

7. Maintenance

- **Regular Cleaning:** Periodically clean the exterior of the composter with mild soap and water.
- **Check for Damage:** Inspect the composter regularly for any signs of wear, cracks, or damage to the panels, frame, or locking mechanisms. Replace damaged parts immediately.
- **Lubrication:** If the tumbling mechanism becomes stiff, apply a small amount of silicone-based lubricant to the rotating parts.
- **Winter Care:** In freezing temperatures, the composting process may slow down or stop. Ensure the composter is not overfilled with wet materials that could freeze and expand, potentially damaging the unit.

8. Troubleshooting

Problem	Possible Cause	Solution
Slow Decomposition	Lack of moisture, insufficient aeration, unbalanced greens/browns ratio.	Add water to moisten materials (should feel like a wrung-out sponge). Increase tumbling frequency. Adjust greens/browns ratio (aim for 1 part green to 2-3 parts brown).
Foul Odor	Too much nitrogen (greens), lack of oxygen, anaerobic conditions.	Add more 'brown' materials (e.g., dry leaves, shredded paper). Increase tumbling frequency to improve aeration.
Attracting Pests	Inclusion of meat, dairy, or oily foods; open access.	Avoid adding prohibited materials. Ensure the sliding door is always securely closed. Bury new food scraps deep within the existing compost.
Difficulty Tumbling	Overfilled composter, materials matted together.	Do not overfill the composter beyond its recommended capacity. Break up large clumps of material before or during tumbling.

Problem	Possible Cause	Solution
Panels/Frame Not Fitting Securely	Misalignment during assembly, insufficient force.	Re-check alignment of clasps and ensure firm pressing/tapping until a click is heard. Refer to assembly video.

9. Warranty & Support

VEVOR products are designed for durability and performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your package or visit the official VEVOR website for detailed warranty terms and conditions.

Customer Support

For technical assistance, missing parts, or warranty claims, please contact VEVOR customer support through the following channels:

- **Website:** www.vevor.com
- **Email:** Refer to your product documentation for specific support email.
- **Phone:** Refer to your product documentation for specific support phone number.

Please have your model number (XDB-436B1) and purchase information ready when contacting support.

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