

[Manuals.plus](#) /

› [HYPER TOUGH](#) /

› HYPER TOUGH 20" Sealed Motor Drum Fan with Wall Mount SFDE500B31 User Manual

HYPER TOUGH SFDE500B31

HYPER TOUGH 20" Sealed Motor Drum Fan with Wall Mount

MODEL: SFDE500B31

User Manual

1. Introduction

Thank you for choosing the HYPER TOUGH 20" Sealed Motor Drum Fan. This high-power fan is designed to provide efficient air circulation in large, humid, or dusty environments such as workshops, garages, barns, or basements. Its versatile design allows for both floor placement using its V-shaped stand and wall mounting for space-saving operation. This manual provides essential information for the safe and effective use of your fan.



Figure 1: The HYPER TOUGH 20" Sealed Motor Drum Fan on its V-shaped floor stand.

2. Important Safety Information

Please read and understand all safety instructions before operating this fan. Failure to follow these instructions may result in electric shock, fire, or serious personal injury.

- Do not insert fingers or other objects into the fan blades while they are in motion.
- Keep the fan away from water sources and other liquids.
- Do not operate the fan in a confined space without adequate ventilation.
- Unplug the fan when not in use, before cleaning, or before performing any maintenance.
- Ensure the power cord is not damaged or pinched. Do not operate the fan with a damaged cord or plug.
- This fan is equipped with a sealed motor, suitable for dusty and humid environments. However, avoid direct exposure to heavy rain or submersion in water.

- Always place the fan on a stable, level surface when used on the floor.
- When wall-mounted, ensure the mounting surface is strong enough to support the fan's weight securely.

3. Package Contents

Verify that all components are present and undamaged upon opening the package. If any parts are missing or damaged, do not assemble or operate the fan. Contact customer support.

- HYPER TOUGH 20" Sealed Motor Drum Fan unit
- V-shaped Floor Stand / Wall Mount Bracket (pre-attached or requires minor assembly)
- User Manual (this document)
- Mounting hardware (if applicable for wall mount)

4. Setup and Installation

The HYPER TOUGH drum fan offers versatile placement options:

4.1 Floor Placement

For floor use, ensure the V-shaped stand is securely attached to the fan body. Place the fan on a flat, stable surface. The fan head can be pivoted to direct airflow as needed. The red adjustment knobs on the side allow you to loosen, adjust the angle, and then tighten to secure the fan head in position.



Figure 2: Fan positioned on its floor stand.



Figure 3: Red adjustment knob for pivoting the fan head.

4.2 Wall Mounting

The V-shaped stand also functions as a wall mount bracket. To mount the fan on a wall:

1. Identify a suitable wall location that can safely support the fan's weight (approximately 7.24 kg or 16 lbs). Ensure there are no electrical wires or plumbing behind the mounting area.
2. Mark the drilling points for the wall mount bracket. Use appropriate wall anchors and screws (not included, unless specified in package contents) for your wall type (e.g., wood studs, drywall, concrete).
3. Securely attach the V-shaped stand to the wall using the appropriate hardware. Ensure it is level and firmly fixed.
4. Attach the fan unit to the mounted bracket. Ensure all connections are tight and secure.
5. Once mounted, verify the fan is stable and does not wobble.



Figure 4: Fan mounted on a wall, demonstrating its space-saving capability.

5. Operation

Operating your HYPER TOUGH drum fan is straightforward:

1. **Plug In:** Insert the 6-foot power cord into a standard electrical outlet. Ensure the outlet matches the fan's voltage requirements.
2. **Adjust Airflow Direction:** Loosen the red adjustment knobs on the side of the fan, pivot the fan head to the desired angle, and then tighten the knobs to secure it. The pivot head allows for precise air direction.
3. **Select Speed:** Locate the speed regulator dial on the top of the fan. Turn the dial to select your desired fan speed. The fan offers three speeds:
 - **0:** Off
 - **1:** Low Speed
 - **2:** Medium Speed
 - **3:** High Speed

4. **Turn Off:** To turn off the fan, turn the speed regulator dial to the "0" position. For extended periods of non-use, unplug the fan from the power outlet.



Figure 5: Speed regulator dial with settings 0, 1, 2, 3.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your fan.

- **Cleaning:**

- Always unplug the fan before cleaning.
- Use a soft, damp cloth to wipe down the exterior surfaces of the fan. Do not use abrasive cleaners or solvents.
- For the fan blades and grille, use a vacuum cleaner with a brush attachment or compressed air to remove dust and debris. Do not use water directly on the motor or electrical components.
- The sealed motor requires no lubrication.

- **Fuse Replacement:** The 6-foot power cord includes a built-in fuse for protection. If the fan stops working unexpectedly, check the fuse. Refer to the fuse compartment on the plug for instructions on replacement. Always replace with a fuse of the same type and rating.
- **Storage:** When not in use for extended periods, store the fan in a cool, dry place, protected from dust and moisture.

7. Troubleshooting

If you encounter issues with your fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	• Not plugged in. • Power outlet is not working. • Speed dial is set to "0". • Blown fuse in the plug.	• Ensure the fan is securely plugged into a working outlet. • Test the outlet with another device. • Turn the speed dial to 1, 2, or 3. • Check and replace the fuse in the plug if necessary.
Reduced airflow.	• Dust or debris on blades/grille. • Fan is too far from the area needing ventilation.	• Unplug the fan and clean the blades and grille. • Reposition the fan closer to the desired area or adjust the pivot angle.
Unusual noise or vibration.	• Fan not on a stable surface (floor use). • Loose components. • Debris caught in the fan.	• Ensure the fan is on a flat, stable surface. • Check all screws and connections, especially the stand/mount. • Unplug the fan and inspect for any foreign objects.

If the problem persists after trying these solutions, please contact customer support.

8. Specifications

Model	SFDE500B31
Brand	HYPER TOUGH
Fan Diameter	20 inches
Number of Speeds	3
Material	All-metal construction
Color	Black and Red
Special Features	Sealed Motor, Pivot Head, High Velocity, Wall Mountable
Power Cord Length	6 feet (with built-in fuse)
Product Dimensions (approx.)	59.51 x 59.51 x 28.5 cm (23.43 x 23.43 x 11.22 inches)
Product Weight (approx.)	7.24 kg (15.96 lbs)

9. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact HYPER TOUGH customer service. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official HYPER TOUGH website or contact their support line. Contact details are typically provided with the product documentation or on the manufacturer's website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question