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› HiCFM 24 inch Portable High Velocity Drum Fan (Model FAN-D24S) Instruction Manual

HiCFM FAN-D24S

HiCFM 24 inch Portable High Velocity Drum Fan

Model: FAN-D24S

IMPORTANT SAFETY INSTRUCTIONS

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

- Always unplug the fan from the power outlet before cleaning, servicing, or moving.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- Do not insert or allow fingers or foreign objects to enter any ventilation or exhaust opening as it may cause an electric shock or fire, or damage the fan.
- Do not use outdoors. This fan is intended for indoor use only.
- Do not use in wet or moist locations such as bathrooms or laundry areas.
- Always place the fan on a stable, flat surface to prevent it from tipping over.
- Keep children and pets away from the fan during operation.

PRODUCT OVERVIEW

The HiCFM 24 inch Portable High Velocity Drum Fan is designed to provide powerful airflow for various indoor environments. Its robust construction and adjustable features make it suitable for workshops, garages, and other large spaces.



Figure 1: HiCFM 24 inch Portable High Velocity Drum Fan, showcasing its sturdy design and yellow finish.

Key Features:

- **Powerful Airflow:** Equipped with a 1/3 HP motor and turbo blades, delivering up to 8200 CFM.
- **Three Speed Settings:** Low (5800 CFM), Medium (6900 CFM), and High (8200 CFM) for versatile use.
- **Adjustable Tilt:** 360-degree adjustable fan head to direct airflow precisely where needed.
- **Portable Design:** Lightweight at 22 lbs with a tough carry handle for easy transportation.
- **Durable Construction:** UL Safety Listed, 100% copper wiring motor, sturdy metal housing, powder-coated steel, and OSHA compliant grilles.
- **Low Noise Operation:** Engineered with new technology for quieter operation, ranging from 61dB (Low) to 69dB (High) at 7 feet.

PRODUCT COMPONENTS

Before assembly, ensure all components are present and undamaged.

- Fan Head (with motor and blades)
- Base Bracket
- Fixing Plate
- Mounting Screws and Washers
- Tilting Fix Knobs

- Anti-Skid Rubber Feet

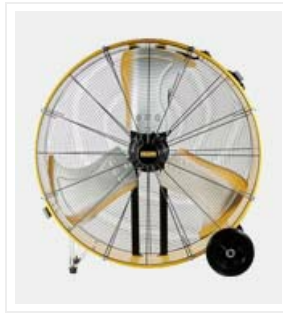


Figure 2: All components included in the package for the HiCFM 24 inch Portable Drum Fan.

ASSEMBLY INSTRUCTIONS (SETUP)

Follow these steps to assemble your HiCFM Drum Fan.

1. **Attach the Fixing Plate to the Base Bracket:** Align the fixing plate with the designated holes on the base bracket. Secure it using the provided screws. Ensure the mounting hole on the base bracket is oriented vertically upward.
2. **Attach Anti-Skid Rubber Feet:** Insert the anti-skid rubber feet into the designated slots on the base bracket.
3. **Mount the Fan Head to the Base:** Align the fan head's side holes with the holes on the base bracket. Insert the tilting fix knobs through the washers and then through the holes, securing the fan head to the base. Tighten the knobs to hold the fan head in place.

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Video 1: Demonstrates the easy assembly process of the HiCFM Drum Fan, showing how to attach the base and secure the fan head.



Figure 3: Visual guide for attaching the fixing plate to the base bracket during assembly.



Figure 4: Illustration of how to secure the fan head to the base using the tilting fix knobs.

OPERATING INSTRUCTIONS

Learn how to effectively operate your HiCFM Drum Fan.

1. **Power On/Off:** Plug the 9-foot power cord into a standard 120V/60Hz electrical outlet. Turn the rotation switch located on the back of the fan to the '0' position for off.
2. **Select Speed:** Rotate the switch to '1' for Low speed (5800 CFM), '2' for Medium speed (6900 CFM), or '3' for High

speed (8200 CFM).

3. **Adjust Tilt:** Loosen the tilting fix knobs on both sides of the fan head. Adjust the fan head to your desired angle (up to 360 degrees). Tighten the knobs firmly to secure the fan head in position.

3 Speed Control



Figure 5: Close-up of the rotation switch for controlling fan speeds (0-Off, 1-Low, 2-Medium, 3-High).

180° Adjustable



Figure 6: The fan head can be tilted 180 degrees to direct airflow as needed.

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Video 2: Demonstrates the ease of use for the HiCFM Drum Fan, including speed selection and tilt adjustment.

CARE AND MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fan.

- **Cleaning:** Unplug the fan before cleaning. Use a soft, damp cloth to wipe the exterior surfaces. Do not use abrasive cleaners or solvents.
- **Blade Cleaning:** Periodically clean the fan blades to remove dust and debris. This may require removing the front grille (refer to assembly instructions in reverse for removal). Ensure the fan is completely unplugged before attempting to clean the blades.
- **Storage:** When not in use, store the fan in a cool, dry place. The integrated cord storage feature helps keep the power cord tidy.



Figure 7: The fan features convenient cord storage to keep the power cord organized when not in use.

TROUBLESHOOTING

If your fan is not operating correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Fan does not turn on	No power to the fan.	Ensure the power cord is securely plugged into a working electrical outlet. Check the circuit breaker.
Reduced airflow	Dust or debris on fan blades/grille.	Unplug the fan and carefully clean the blades and grilles.
Unusual noise or vibration	Fan not on a stable surface; loose parts; foreign object.	Place the fan on a flat, stable surface. Check for any loose screws or foreign objects in the fan.
Fan motor gets hot	Normal operation; prolonged use.	It is normal for the motor housing to get warm during extended use. If it becomes excessively hot or emits smoke/odor, unplug immediately and contact support.

SPECIFICATIONS

Detailed technical specifications for the HiCFM 24 inch Portable High Velocity Drum Fan.

Feature	Specification
Brand	HiCFM
Model Name	24" Portable Drum Fan (FAN-D24S)
Electric Fan Design	Floor Fan
Power Source	AC
Voltage	120 Volts (AC)
Wattage	250 watts
Air Flow Capacity	8200 Cubic Feet Per Minute (CFM)
Number of Power Levels	3
Speed	1100 RPM
Noise Level	61 Decibels (Low Speed)
Blade Length	24 Inches
Number of Blades	3

Feature	Specification
Item Weight	22 Pounds
Product Dimensions	7.28"D x 29.72"W x 28.15"H
Power Cord Length	9 feet
Safety Certification	UL Safety Listed, cUL

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Video 3: Demonstrates the airflow and noise performance of the HiCFM Drum Fan at different speed settings.

WARRANTY INFORMATION

For specific warranty details and terms, please refer to the warranty card included with your product or contact HiCFM customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

CUSTOMER SUPPORT

If you have any questions, concerns, or require assistance with your HiCFM 24 inch Portable High Velocity Drum Fan, please contact our customer support team. Refer to the product packaging or the official HiCFM website for the most current contact information.