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HiCFM SFMCI-600TS

HiCFM 24 inch Roll-About Tilt Stand Fan Instruction Manual

Model: SFMCI-600TS | Brand: HiCFM

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the HiCFM 24 inch Roll-About Tilt Stand Fan. This industrial-grade fan is designed to provide powerful airflow for large spaces such as warehouses, workshops, factories, garages, basements, and commercial environments. Featuring a robust 2/5HP motor, durable aluminum blades, and a 180-degree tilting head, this fan offers versatile air circulation. Its roll-about design with integrated wheels ensures easy mobility.



Figure 1.1: HiCFM 24 inch Roll-About Tilt Stand Fan

2. IMPORTANT SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the fan is connected to a 120V / 60Hz grounded outlet. Do not use with extension cords unless absolutely necessary and ensure the cord is rated for the fan's wattage (310W). Always unplug the fan before cleaning or performing maintenance.
- **Placement:** Place the fan on a stable, level surface to prevent tipping. Keep the fan away from water or damp environments. Do not insert fingers or foreign objects into the fan grilles.
- **Operation:** Do not operate the fan with a damaged cord or plug. If the fan malfunctions, discontinue use immediately and contact customer support. This fan is UL Safety Listed for your assurance.
- **Children and Pets:** Keep children and pets away from the fan during operation.

3. PACKAGE CONTENTS

Before assembly, verify that all components are present and undamaged:

- Fan Head (with motor and blades pre-assembled within safety guards)
- Base Frame (with pre-attached wheels and non-marring floor glides)
- Stand Poles (2 pieces)
- Assembly Hardware (bolts, nuts, washers)

Heavy Duty Construction



Figure 3.1: Fan components and overall dimensions (28"D x 26"W x 52"H)

4. ASSEMBLY INSTRUCTIONS

The HiCFM Roll-About Tilt Stand Fan is designed for DIY assembly, typically taking approximately 20 minutes. Follow these steps:

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, flat surface.
2. **Attach Stand Poles to Base:** Securely attach the two stand poles to the designated points on the base frame using the provided hardware. Ensure they are firmly tightened for stability.
3. **Mount Fan Head:** Position the fan head between the upper ends of the stand poles. Align the tilting mechanism with the holes on the poles. Insert the tilting fix knobs and tighten them to secure the fan head while allowing for 180-degree adjustment.
4. **Check Stability:** Once assembled, gently shake the fan to ensure all connections are secure and the unit is stable.

Two Sturdy Handles

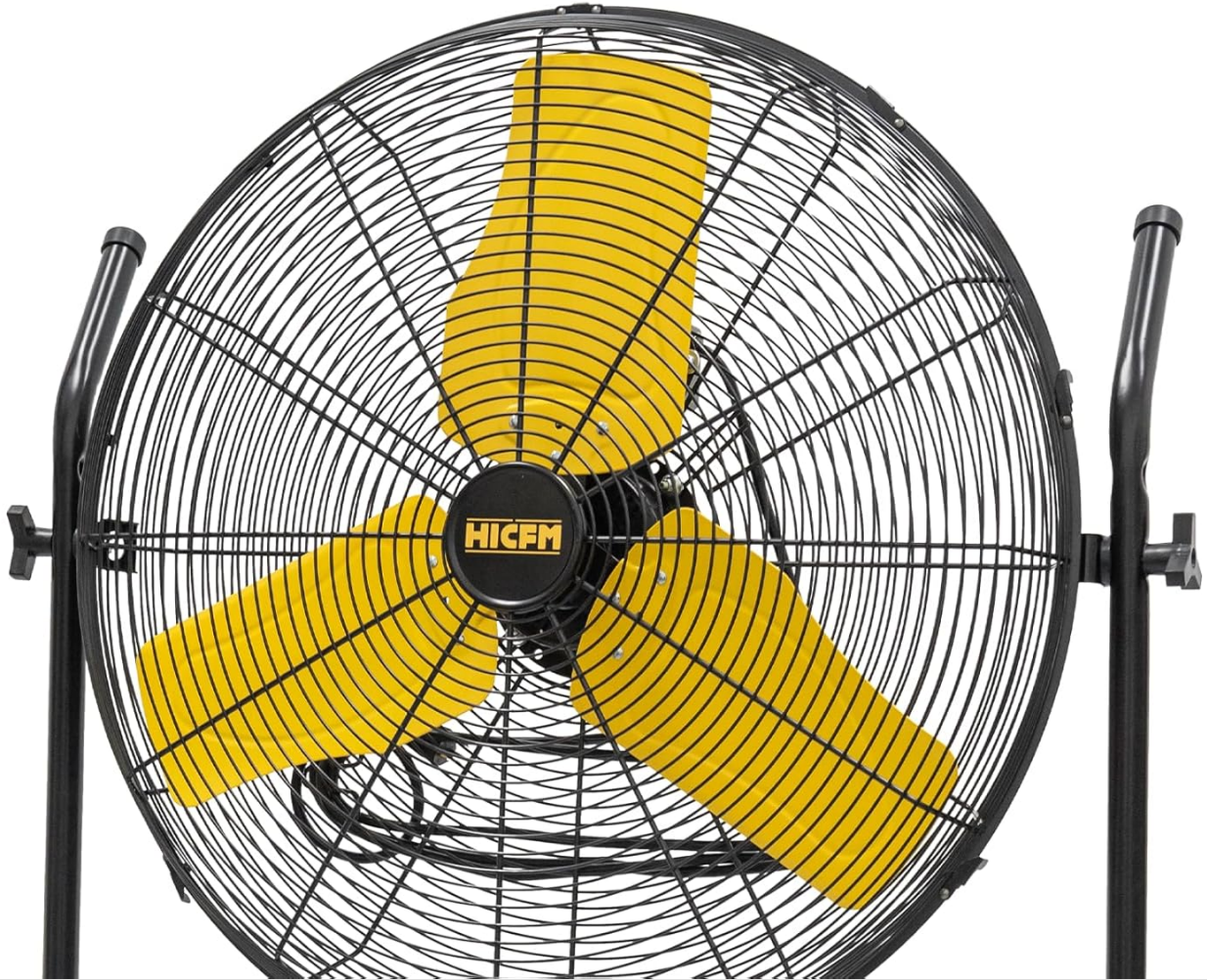


Figure 4.1: Two sturdy handles for easy positioning.

Easy Moving Wheels



Figure 4.2: Easy moving wheels for enhanced mobility.

5. OPERATION

Operating your HiCFM fan is straightforward:

- **Power Connection:** Plug the 9-foot SJT power cord into a standard 120V / 60Hz electrical outlet.
- **Speed Control:** Locate the rotation switch on the fan head. Turn the switch to select your desired speed setting:
 - **Low Speed:** 6400 CFM
 - **Medium Speed:** 7200 CFM
 - **High Speed:** 7900 CFM
- **Tilting Adjustment:** Loosen the tilting fix knobs on either side of the fan head. Adjust the fan head to the desired angle (up to 180 degrees) to direct airflow. Once positioned, tighten the knobs firmly to secure the fan head in place.
- **Mobility:** Utilize the integrated wheels and lift handles to easily move the fan to different locations as needed.

Airflow Achieve 9.2 Meter/Second

Much Air Movement



High Speed
7900 CFM



Medium Speed
7200 CFM



Low Speed
6400 CFM

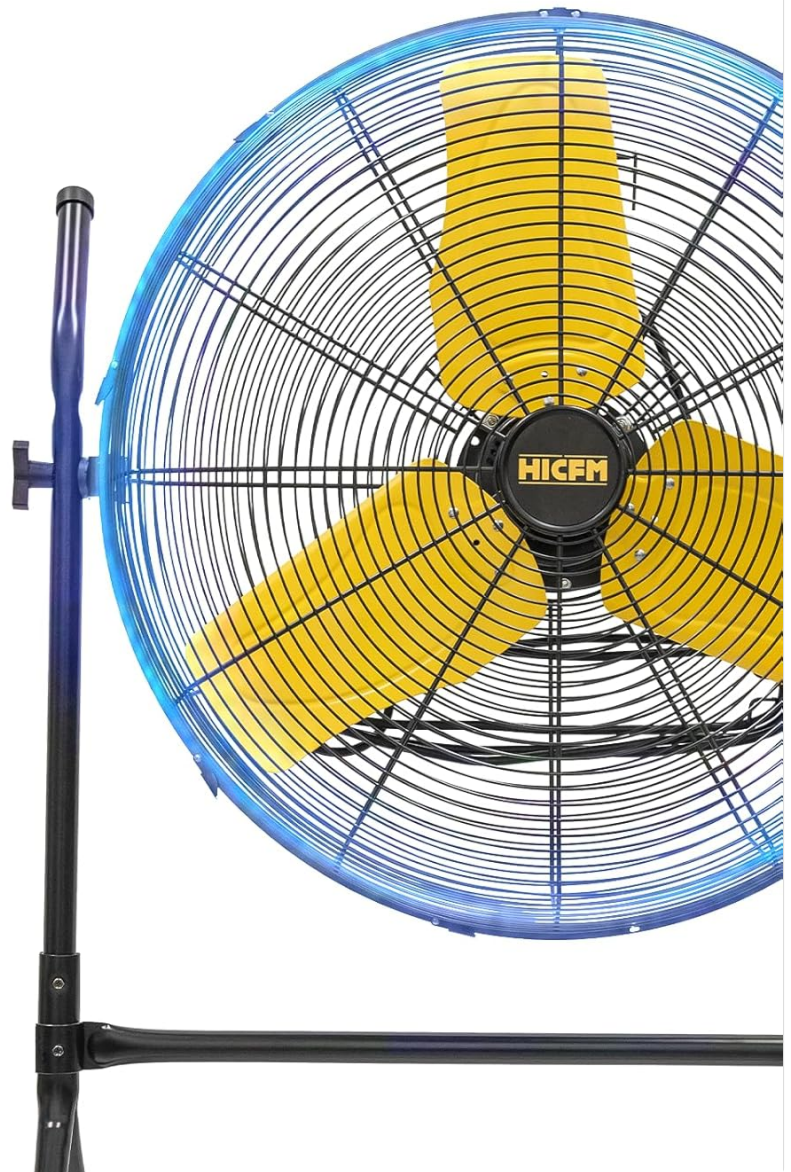


Figure 5.1: Fan airflow capacity at different speed settings.

180° Adjustable

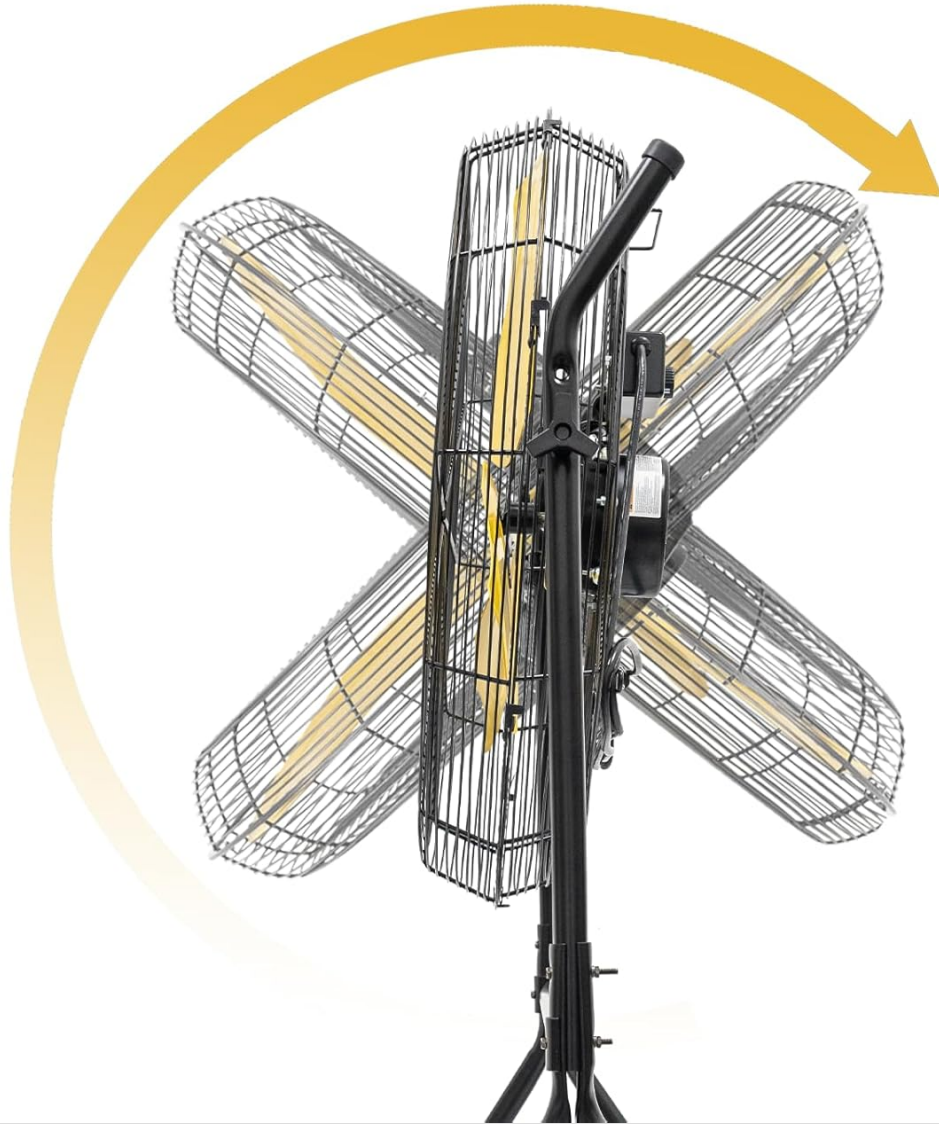


Figure 5.2: The fan head can be adjusted 180 degrees for optimal air direction.

Move With Wheels



Figure 5.3: Easily move the fan around using its integrated wheels.

Operation Videos

Video 5.1: Demonstrates the fan's airflow and noise performance at various speeds.

Video 5.2: Shows the ease of use and mobility of the fan.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fan.

- **Cleaning:** Always unplug the fan before cleaning. Use a soft, damp cloth to wipe down the exterior surfaces and grilles. Do not use harsh chemicals or abrasive cleaners. For stubborn dust on blades, a vacuum cleaner with a brush attachment can be used.
- **Motor:** The fan features a permanent lubricated ball bearing motor, requiring no additional lubrication.
- **Cord Inspection:** Periodically inspect the power cord for any signs of damage, fraying, or cuts. If damage is found, discontinue use and contact customer support.
- **Storage:** When not in use for extended periods, store the fan in a dry, cool 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	No power supply Power switch off Damaged cord/plug	Check power outlet and circuit breaker Ensure rotation switch is on a speed setting Inspect cord/plug; contact support if damaged
Low airflow	Fan on low speed setting Grilles obstructed Fan too far from area	Increase speed setting Clean grilles and blades Relocate fan closer to desired area
Unusual noise or vibration	Loose components Obstruction in blades Uneven surface	Check all assembly bolts and tighten Unplug and inspect blades for debris Place fan on a stable, level surface

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

8. SPECIFICATIONS

Feature	Specification
Brand	HiCFM
Model Name	24 inch Roll-About Tilt Stand Fan
Item Model Number	SFMCI-600TS
Power Source	AC
Voltage	120 Volts (AC)
Wattage	310 Watts
Amperage	2.7 Amps
Motor	2/5HP Powerful Motor, Permanent Lubricated Ball Bearing, 100% copper wiring stator, thermally protected
Air Flow Capacity	High: 7900 CFM Medium: 7200 CFM Low: 6400 CFM
Number of Power Levels	3
Speed	1500 RPM
Noise Level	66 dB (at 1 meter)
Blade Length	24 Inches

Feature	Specification
Blade Material	Aluminum
Construction	Black powder coated steel construction
Product Dimensions	28"D x 26"W x 52"H
Item Weight	25.3 Pounds
Power Cord Length	9 feet (SJT)
Special Features	180 Degree Tilting, Wheels for mobility, Lift handles, Non-marring floor glides
Safety Certification	UL Safety Listed
Indoor/Outdoor Usage	Indoor

9. WARRANTY AND CUSTOMER SUPPORT

HiCFM is committed to providing high-quality products and excellent customer service. While specific warranty details are not provided in this manual, we stand behind our products. If you have any concerns, questions, or require assistance with your HiCFM 24 inch Roll-About Tilt Stand Fan, please do not hesitate to contact our customer service team. We are dedicated to resolving any issues you may encounter.

For support, please refer to the contact information provided on your product packaging or the official HiCFM website.