

Tornado HI-FAN-12HVFF-1P-HEX2

Tornado 12 Inch High Velocity Cooling Floor Fan

Model: HI-FAN-12HVFF-1P-HEX2

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.

- This fan is designed for indoor use in commercial and home spaces. Ensure the fan is placed on a stable, level surface.
- Always unplug the fan from the power outlet before cleaning, performing maintenance, or when not in use.
- Do not operate any fan with a damaged cord or plug. If the cord or plug is damaged, contact customer support for assistance.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area where it will not be tripped over.
- Keep fingers and other objects away from the fan blades and grille during operation. The fan features a rust-resistant grille for safety.
- This fan is UL-listed and OSHA & UL507 compliant, indicating it meets recognized safety standards.
- Do not immerse the fan in water or other liquids.
- Supervise children and pets when the fan is in operation.



Image: The fan's grille and control knob, highlighting its OSHA compliant, rust-resistant grille and UL listing. Noise levels (decibels) for low, medium, and high settings are also shown: 55 dB (Low), 57 dB (Medium), 59 dB (High).

PACKAGE CONTENTS

Upon opening the package, please ensure all components are present and undamaged:

- Tornado 12 Inch High Velocity Cooling Floor Fan Unit
- Integrated 6.0 FT Power Cord

SETUP

The Tornado 12 Inch High Velocity Cooling Floor Fan is designed for quick and easy setup, requiring no tools or complicated assembly.

1. **Unpacking:** Carefully remove the fan from its packaging. Retain packaging for future storage or transport if needed.
2. **Placement:** Place the fan on a firm, level surface. Ensure there is adequate space around the fan for optimal airflow and to prevent obstruction of the air intake or exhaust. The fan features non-skid feet for

enhanced stability.

3. **Power Connection:** Plug the 6.0 FT power cord into a standard 120V AC electrical outlet.



Image: A close-up view of the fan's base, illustrating the non-skid feet that provide stability during operation.



Image: The fan shown with a highlighted portable handle, indicating its ease of movement between locations.

OPERATING INSTRUCTIONS

This fan offers powerful airflow and adjustable direction for optimal cooling.

1. **Power On/Off:** Locate the control knob on the fan. Turn the knob to position '1', '2', or '3' to turn the fan on and select a speed setting. Turn the knob to '0' to turn the fan off.
2. **Speed Settings:** The fan features three distinct speed settings to control airflow:
 - **Setting 1 (Low):** 1200 CFM (Cubic Feet per Minute) - For gentle air circulation.
 - **Setting 2 (Medium):** 1420 CFM - For moderate cooling.
 - **Setting 3 (High):** 1650 CFM - For maximum air velocity and cooling performance.
3. **Adjusting Tilt:** The fan head can be adjusted vertically through a full 120° range. Loosen the adjustment knobs on either side of the fan frame, tilt the fan head to your desired angle, and then tighten the knobs securely to lock it in place.

3 SPEED SETTING

1650 CFM
HIGH

1420 CFM
MEDIUM

1200 CFM
LOW



Image: The fan's control knob and a visual representation of the three speed settings: Low (1200 CFM), Medium (1420 CFM), and High (1650 CFM).

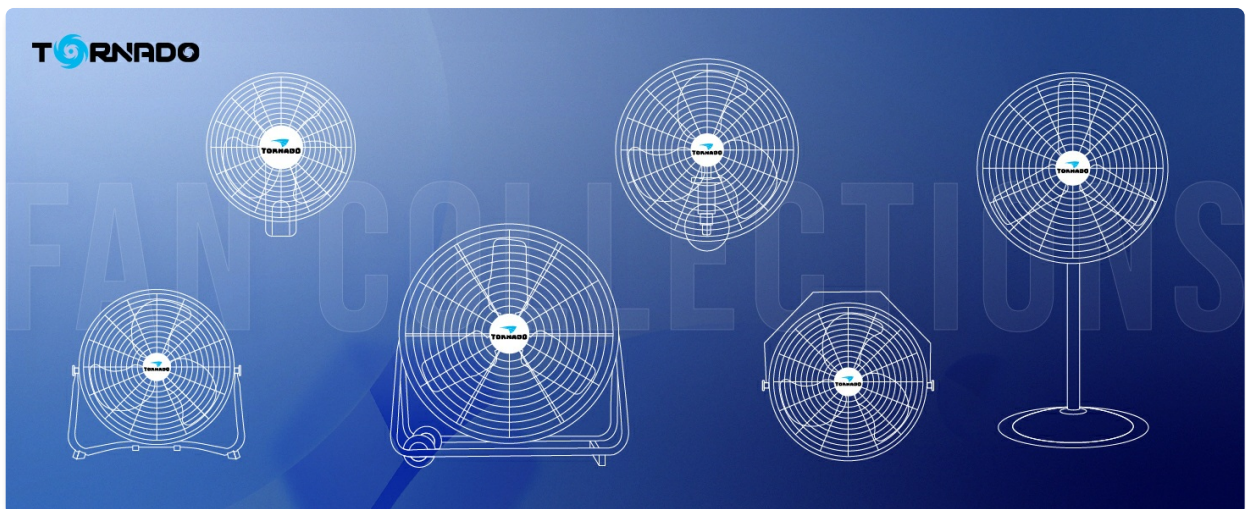


Image: A diagram illustrating the fan's 120° vertical tilting capability and its 6-foot power cord length.

MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your Tornado fan.

- **Cleaning:** Before cleaning, always unplug the fan. Use a soft, damp cloth to wipe down the exterior surfaces of the fan. Do not use abrasive cleaners or solvents. For the grille, a vacuum cleaner with a brush attachment can be used to remove dust.
- **Motor:** The fan is equipped with an oil-bearing motor, which typically requires minimal maintenance. Do not attempt to lubricate the motor.
- **Storage:** When not in use for extended periods, store the fan in a cool, dry place, preferably in its original packaging to protect it from dust and damage.



Image: A detailed view of the fan's oil-bearing motor, emphasizing its low-noise operation and open-air design.

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, loose plug, or control knob is off.	Ensure the fan is securely plugged into a working outlet. Check if the control knob is set to a speed (1, 2, or 3). Test the outlet with another device.
Reduced airflow.	Fan grille is dusty or obstructed.	Unplug the fan and clean the grille and blades as described in the Maintenance section. Ensure nothing is blocking the air intake or exhaust.
Unusual noise or rattling.	Loose parts or fan not on a stable surface.	Unplug the fan and check for any loose screws or debris inside the grille. Ensure the fan is placed on a flat, stable surface.

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

SPECIFICATIONS

Detailed technical specifications for the Tornado 12 Inch High Velocity Cooling Floor Fan:

Feature	Detail
Model Number	HI-FAN-12HVFF-1P-HEX2
Product Dimensions (L x W x H)	15.35 x 7.09 x 14.96 inches
Item Weight	6.3 Pounds
Color	Black
Electric Fan Design	Floor Fan
Power Source	AC (120V, 60-watt oil-bearing motor)
Speed Settings	3 (Low: 1200 CFM, Medium: 1420 CFM, High: 1650 CFM)
Adjustable Tilt	120° Vertical
Noise Level (Max)	59 dB (on highest setting)
Cord Length	6.0 FT
Compliance	UL Listed, OSHA & UL507 Compliant
Recommended Uses	Air Circulation, Cooling, Ventilating (Backyard, Garage, Greenhouse, Warehouse, Workshop)

DIMENSION

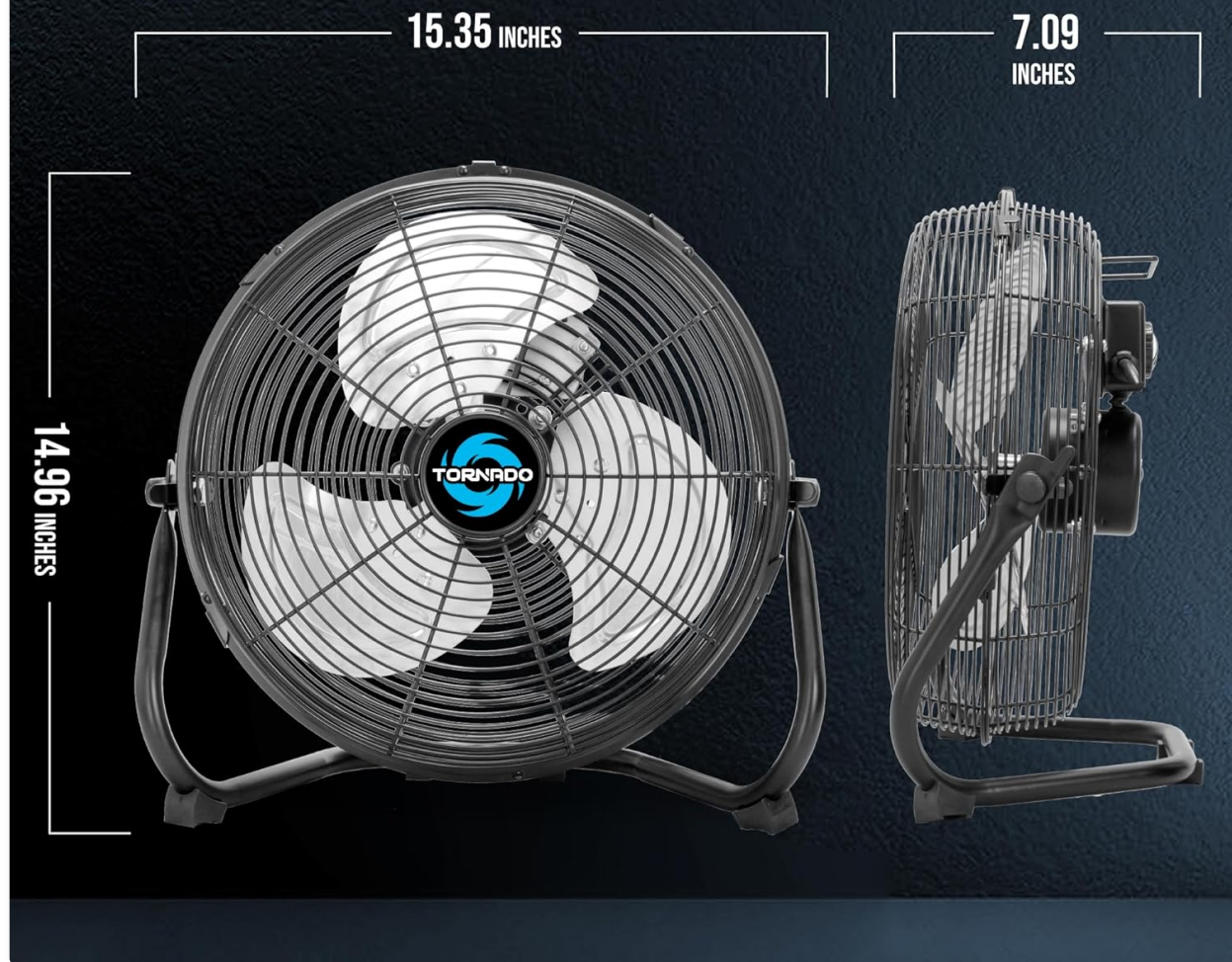


Image: Front and side views of the fan with its dimensions clearly marked: 15.35 inches (depth), 7.09 inches (width), and 14.96 inches (height).

Image: A comparison graphic highlighting the benefits of a copper wire motor (higher heat resistance, longer lifespan, more stable and efficient, long-term use) versus a plastic motor (lower heat resistance, shorter lifespan, unstable & inefficient, short-term use).

WARRANTY AND SUPPORT

Your Tornado 12 Inch High Velocity Cooling Floor Fan comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Tornado customer service through the official Tornado brand store:

[Visit the Tornado Store](#)

Please have your model number (HI-FAN-12HVFF-1P-HEX2) and proof of purchase ready when contacting support.

