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Air King 9312

Air King 9312 Powder-Coated Steel Multi-Mount Wall Fan

Model: 9312 | Brand: Air King

INTRODUCTION

The Air King 9312 Industrial Grade Wall Fan is designed for cooling and air circulation in various industrial or commercial environments, including loading docks, warehouses, health clubs, and other commercial or industrial spaces. This fan offers versatile mounting options, allowing it to be installed on a wall, ceiling, or I-beam to optimize floor space. Constructed with a powerful motor and durable steel, it provides an effective air circulation solution. The blade guard features a tough powder-coat finish for enhanced durability. This unit is tested in accordance with AMCA standard 230-99, meets ARRA requirements, and is ETL and OSHA compliant.



Image: The Air King 9312 Multi-Mount Wall Fan in a commercial setting, showcasing its compact design and wall-mounted installation.

SAFETY INFORMATION

- **Read All Instructions:** Before installation and operation, thoroughly read and understand all instructions provided in this manual.
- **Electrical Safety:** Ensure the fan is connected to a properly grounded electrical outlet. Do not operate the fan with a damaged cord or plug. Avoid running the cord under carpeting or covering it with throw rugs, runners, or similar coverings. Arrange the cord away from traffic areas where it will not be tripped over.
- **Mounting:** The fan must be securely mounted to a sturdy wall, ceiling, or I-beam using appropriate hardware capable of supporting the fan's weight and operational forces. A secondary support cable is included and must be used for added safety.
- **Clearance:** Maintain adequate clearance around the fan to ensure proper airflow and prevent obstruction of moving parts.
- **Moving Parts:** Never insert fingers or any objects through the guard when the fan is operating. Always disconnect power before cleaning or servicing.
- **Environmental Conditions:** This fan is designed for indoor use. Do not expose it to water or excessive moisture.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- Air King 9312 Multi-Mount Wall Fan Unit
- Secondary Safety Cable
- User Manual

Note: Mounting hardware (e.g., lag bolts, screws) is not included and must be purchased separately based on your specific installation surface.

SETUP AND INSTALLATION

The Air King 9312 fan features a multi-mount design for flexible installation. Follow these steps for secure setup:

1. **Select Mounting Location:** Choose a sturdy wall, ceiling, or I-beam capable of supporting the fan's 11.5 pounds weight and operational forces. Ensure the location allows for optimal air circulation and access to the pull cord.
2. **Install Mounting Bracket:** Secure the fan's mounting bracket to the chosen surface using appropriate lag bolts or screws (not included). A single bolt mount is designed for fast installation.
3. **Attach Fan to Bracket:** Once the bracket is firmly in place, attach the fan unit to the bracket.
4. **Connect Secondary Support Cable:** For enhanced safety, always attach the included secondary support cable from the fan to a secure structural point.
5. **Plug In:** Connect the 9-foot, 3-conductor SJT type power cord to a grounded 120V electrical outlet.



Black, 9 Foot 3-Conductor Cordset

Image: Close-up of the fan's 9-foot, 3-conductor power cord, designed for extended reach.

OPERATING INSTRUCTIONS

The Air King 9312 fan is equipped with a rear-mounted pull cord switch for easy operation and speed control.

- Power On/Off:** Pull the cord once to turn the fan on to its lowest speed setting. Continue pulling the cord to cycle through the speed settings and to turn the fan off.
- Adjust Speed:** The fan offers 3 speed settings (Low, Medium, High). Each pull of the cord will advance the speed setting.
- Adjust Airflow Direction:** The fan head pivots, allowing you to direct the airflow precisely where needed. Manually adjust the fan head to achieve the desired angle.



Image: Detailed view of the rear-mounted pull cord switch for controlling fan speeds.



Fully Assembled Fan Head

Image: The fan head of the Air King 9312, illustrating its pivoting capability for directional airflow.

Official Product Video: Air King Industrial Grade Multi-Mount Fan

Video: A demonstration of the Air King Industrial Grade Multi-Mount Fan, highlighting its features and operation in a commercial setting.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Air King fan. Always disconnect the fan from the power source before performing any maintenance.

- **Cleaning:** Periodically wipe down the exterior surfaces, including the blade guard and blades, with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Dust Removal:** Use a vacuum cleaner with a brush attachment or compressed air to remove dust and debris from the motor housing and fan blades.
- **Inspection:** Regularly inspect the power cord for any signs of damage. Check all mounting hardware to ensure it remains secure.
- **Lubrication:** The motor is permanently lubricated and does not require additional oiling.

Durable, Powder Coated



Steel Grill, Blade and Mount

Image: The durable powder-coated steel construction of the Air King 9312 fan, designed for longevity and easy cleaning.

TROUBLESHOOTING

If your fan is not operating as expected, refer to the following common issues:

- **Fan Does Not Turn On:**

- Ensure the power cord is securely plugged into a functional electrical outlet.
- Check the circuit breaker or fuse box for tripped breakers or blown fuses.
- Verify the pull cord switch is fully engaged.

- **Reduced Airflow:**

- Check for any obstructions around the fan blades or intake/exhaust areas.
- Clean any accumulated dust or debris from the blades and guards.
- Ensure the fan is set to the desired speed setting.

- **Unusual Noise or Vibration:**

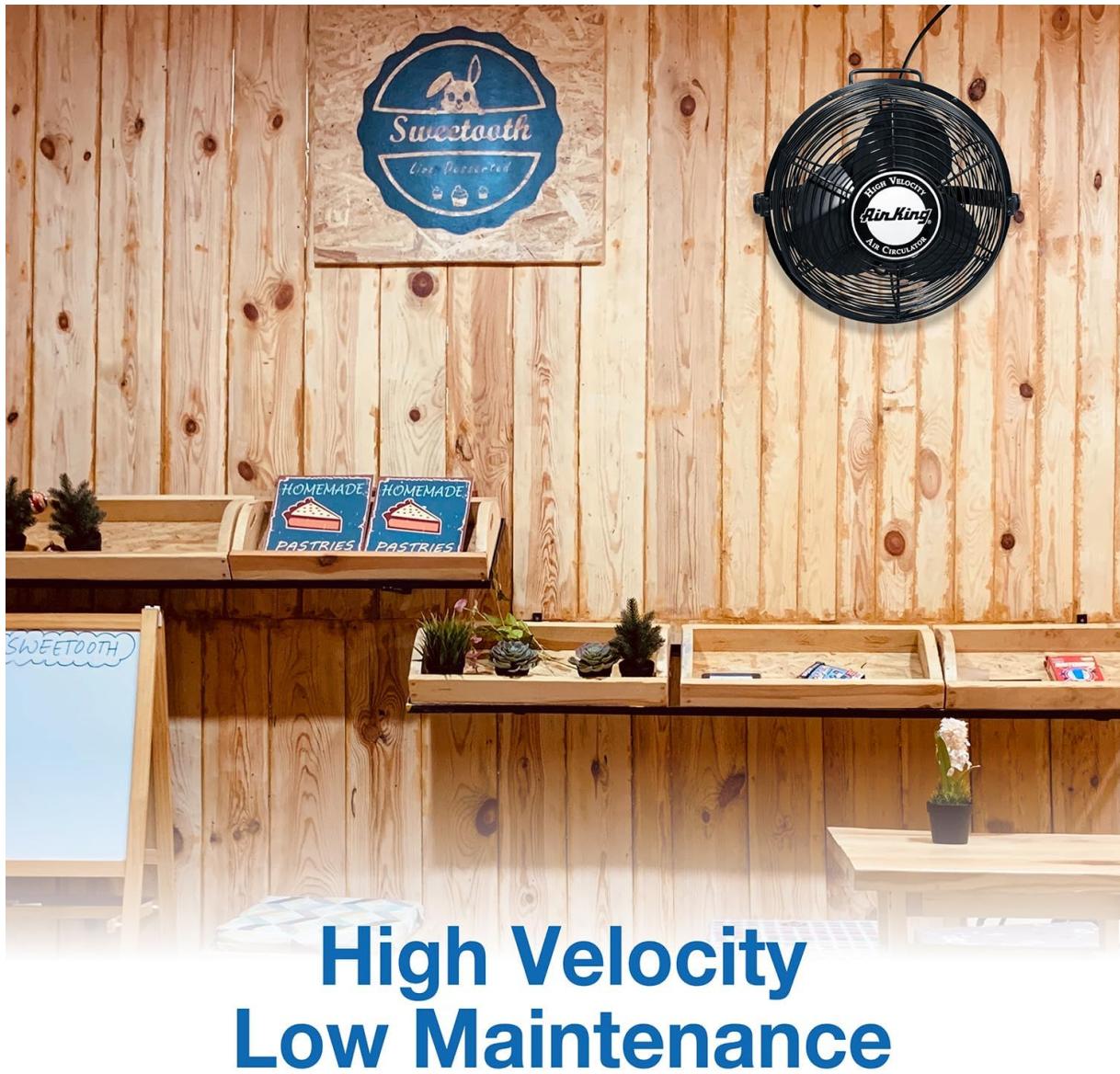
- Ensure the fan is securely mounted and all screws are tightened.
- Check for any loose parts or debris caught in the fan blades.

- Verify the fan blades are not bent or damaged.

If issues persist after attempting these troubleshooting steps, contact Air King customer support for assistance.

SPECIFICATIONS

Brand	Air King
Model Name	Air King 12" 1/25 HP Pivoting Multi Mount Fan, 9312
Item Model Number	9312
Color	Black
Product Dimensions	12"D x 15"W x 15"H
Item Weight	11.5 Pounds
Power Source	Corded Electric
Voltage	120V
Wattage	85 watts
Motor Horsepower	1/25 HP
Air Flow Capacity	Up to 1360 CFM
Number of Blades	1
Blade Length	12 Inches
Number of Power Levels	3
Switch Type	Pull Chain
Cable Length	9 Feet
Noise Level (High/Medium/Low)	56 dB / 49 dB / 42 dB
Finish Type	Powder Coated
Installation Type	Multi-Mount
Compliance	ETL, OSHA, AMCA standard 230-99



High Velocity Low Maintenance

Image: Visual representation of the Air King 9312 fan's key dimensions and features, including blade size and weight.

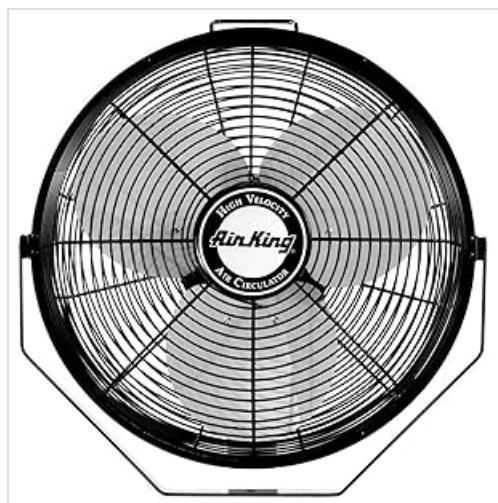


Image: Key electrical specifications of the fan, including horsepower, voltage, and amperage.

What is your Air King Fan's Sound Level?

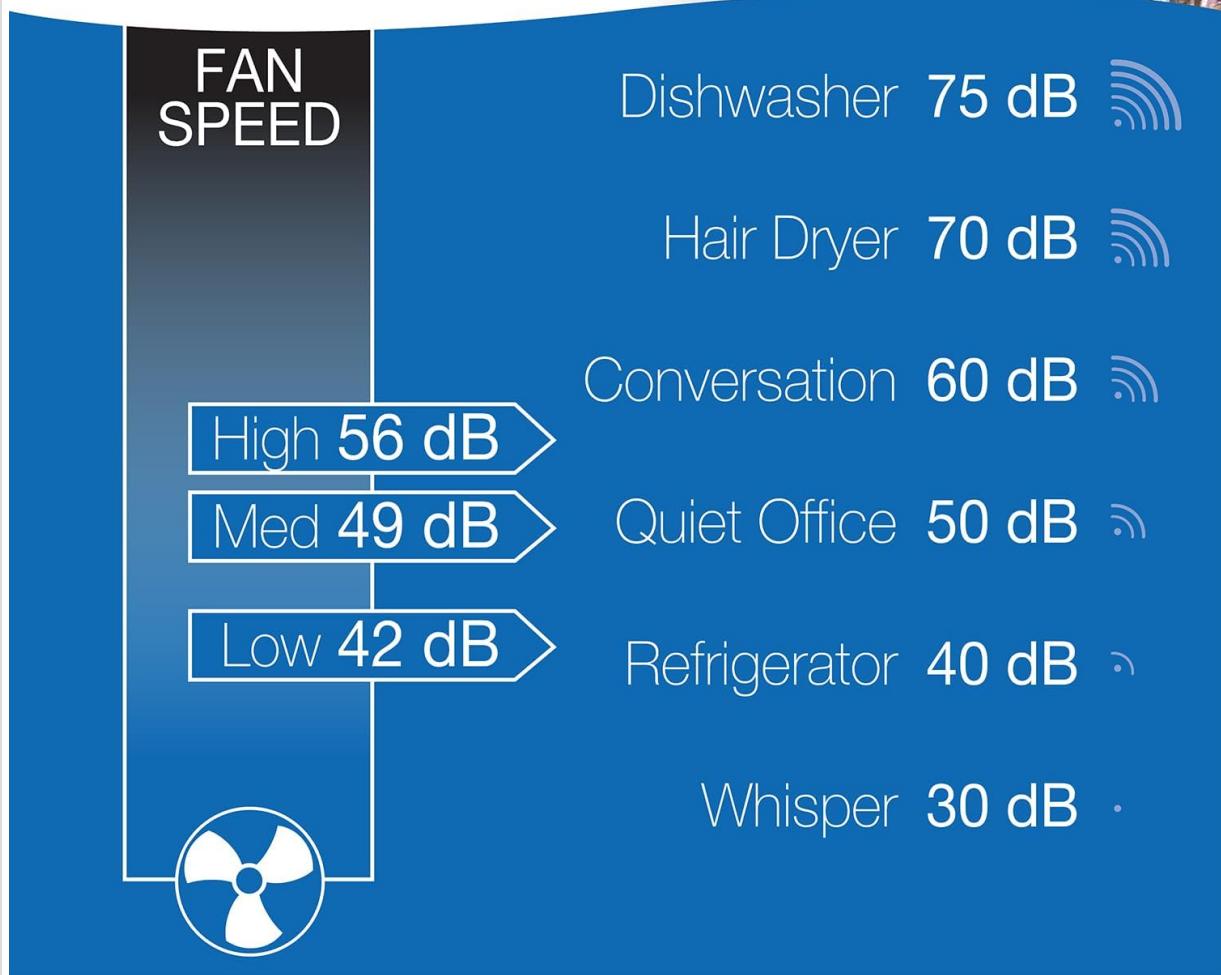


Image: A chart illustrating the sound levels of the Air King 9312 fan at different speed settings compared to common household noises.

WARRANTY AND SUPPORT

The Air King 9312 Powder-Coated Steel Multi-Mount Wall Fan comes with a **One Year Limited Warranty**. For warranty claims, technical support, or any questions regarding your product, please contact Air King customer service. Keep your purchase receipt as proof of purchase for warranty validation.