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› PURAERO PA-250-AF Axial Fan User Manual

## PURAERO PA-250-AF

# PURAERO PA-250-AF Axial Fan User Manual

Model: PA-250-AF

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your PURAERO PA-250-AF Axial Fan. Please read this manual thoroughly before operating the unit and retain it for future reference.

The PURAERO PA-250-AF is a powerful and durable axial fan designed for various applications, including water damage restoration, carpet drying, and general air movement in basements, attics, and bathrooms. It features a 1/4 HP motor, delivering up to 4000 CFM airflow with energy-efficient operation.

## SAFETY INFORMATION

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Do not operate any fan with a damaged cord or plug.
- 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 use this fan outdoors or on wet surfaces.
- Unplug the fan from the outlet when not in use or before cleaning.
- Do not allow children to play with or around the fan.
- Ensure the fan is placed on a stable, level surface during operation.
- This appliance has a 3-prong NEMA 5-15P power connector. Ensure it is plugged into a grounded outlet.

# OPTIONAL STAND



Image: The PURAERO PA-250-AF Axial Fan displaying its ETL/CETL safety certification, indicating compliance with North American safety standards. This fan is designed for safe operation in various environments.

## PRODUCT FEATURES

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- **Powerful Airflow:** Up to 4000 CFM for rapid drying.
- **Energy Efficient:** 1/4 HP, 315W sealed motor with only 2.7A draw.
- **Two Speed Settings:** 1300/1500 RPM for versatile use.
- **Daisy-Chain Capability:** Built-in GFCI outlets allow linking multiple units.
- **Durable Construction:** Robust rotomolded plastic housing.
- **Stackable Design:** Interlocking design for horizontal stacking up to 5 units.
- **Long Power Cord:** 25-foot power cord for extended reach.
- **Safety Certified:** ETL/CETL certified.

# SPACE-SAVING STACKABLE



Image: Multiple PURAERO PA-250-AF Axial Fans stacked vertically and horizontally, demonstrating their space-saving and interlocking design for efficient storage and deployment.

# DAISY CHAIN UNITS FOR COMMERCIAL JOBS

UP TO **5** UNITS **25** FT **14** AWG CORD



Image: Three PURAERO PA-250-AF Axial Fans connected in a daisy-chain configuration, illustrating the ability to link multiple units for larger drying areas or commercial applications.

## SETUP

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1. **Unpacking:** Carefully remove the fan from its packaging. Inspect the unit for any signs of damage during transit. If damage is found, do not operate the unit and contact customer support.
2. **Placement:** Position the fan on a stable, level surface. Ensure there is adequate clearance around the air intake and exhaust to allow for optimal airflow. For drying applications, direct the airflow towards the wet area.
3. **Power Connection:** Uncoil the 25-foot power cord. Plug the 3-prong NEMA 5-15P plug into a standard 115V, 60Hz grounded electrical outlet.
4. **Daisy-Chaining (Optional):** If connecting multiple units, plug the first unit into the wall outlet. Then, plug the power cord of the second unit into the GFCI outlet located on the first unit. Repeat for additional units, up to a maximum of 5 units, ensuring the total amperage draw does not exceed the circuit's capacity.



Image: Front view of the PURAERO PA-250-AF Axial Fan, showcasing its robust design and protective grille. This view is typical when setting up the fan for operation.

## OPERATING INSTRUCTIONS

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1. **Power On:** Once plugged in, locate the power switch on the unit.
2. **Select Speed:** The fan features two speed settings. Use the control knob or switch to select the desired airflow: Low (1300 RPM) or High (1500 RPM).
3. **Monitor Operation:** Allow the fan to operate until the desired drying or air movement is achieved.
4. **Power Off:** To turn off the unit, set the speed control to the "OFF" position. Unplug the unit from the power outlet when not in use.

# IMPACT-RESISTANT & PORTABLE

WEIGHT **28.7** LBS



Image: The PURAERO PA-250-AF Axial Fan in an operational setting, demonstrating its compact size and powerful airflow capabilities. This image highlights its use in a typical environment.

# SAFETY CERTIFIED



Image: A chart comparing the noise level of the PURAERO PA-250-AF Axial Fan (72 dB) to other common sounds like loud music, washing machine, hair dryer, and normal conversation, illustrating its relatively quiet operation.

## MAINTENANCE

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

- **Cleaning:** Disconnect the fan from power before cleaning. Use a soft, damp cloth to wipe down the exterior of the unit. Do not use harsh chemicals or abrasive cleaners.
- **Grille Cleaning:** Periodically clean the intake and exhaust grilles to remove dust, lint, and debris that may accumulate and restrict airflow. A vacuum cleaner with a brush attachment can be used.
- **Storage:** When not in use, store the fan in a clean, dry place. The stackable design allows for efficient storage.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Fan does not turn on.	No power to the unit; tripped GFCI; faulty power cord.	Check power outlet and circuit breaker. Reset GFCI outlet if tripped. Inspect power cord for damage.
Reduced airflow.	Blocked intake/exhaust grilles; fan motor issue.	Clean grilles to remove obstructions. If problem persists, contact customer support.
Unusual noise or vibration.	Loose components; foreign object in fan; unit not on a stable surface.	Ensure unit is on a stable surface. Check for and remove any foreign objects. If noise continues, contact customer support.

## SPECIFICATIONS

Feature	Detail
Model	PA-250-AF
Brand	PURAERO
Motor	1/4 HP, 315W Sealed Motor
Airflow Capacity	Up to 4000 CFM
Max Air Velocity	2381 FPM
Amperage Draw	2.7 Amps
Speed Settings	2 (1300/1500 RPM)
Voltage	115 Volts
Noise Level	72 dB
Material	Rotomolded Plastic Housing
Power Cord Length	25 feet
Dimensions (L x W x H)	20.91" x 13.61" x 21.21" (approx.)
Item Weight	28.7 pounds
Certifications	ETL/CETL
UPC	850020964222

## 5 REASONS WHY CUSTOMERS TRUST US



### 20-YEAR EXPERTISE

Two decades of leading the way in water damage restoration. Experience you can trust.



### SOLID SUPPORT

A full year of parts and labor assurance, plus five years on housing. We've got your back.



### U.S. CUSTOMER CARE

Quick, dependable, bilingual (English & Spanish) support right from the U.S. – just a call or click away.



### TESTED TOUGH

Every piece of equipment is tested tough for top-tier performance. Quality you can count on.



### PROVEN PERFORMANCE

Standard equipment built to excel. Powerful, efficient, and user-friendly – raising your restoration game.

Image: The PURAERO PA-250-AF Axial Fan with its key dimensions (length, width, height) and weight (28.7 lbs) overlaid, providing a clear visual representation of its physical specifications.

## WARRANTY AND SUPPORT

PURAERO offers a comprehensive warranty for this product:

- **Parts and Labor:** Full year of parts and labor assurance.
- **Housing:** Five years on housing.

For technical support, warranty claims, or any inquiries, please contact PURAERO customer service. Refer to the official PURAERO website or your purchase documentation for the most current contact information.

# QUIET OPERATION



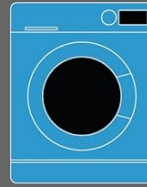
**95dB**



**LOUD MUSIC**



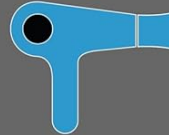
**85dB**



**WASHING MACHINE**



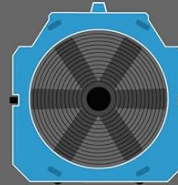
**75dB**



**HAIR DRYER**



**72dB**



**PA-250-AF**



**68dB**



**NORMAL CONVERSATION**

Image: An infographic detailing five reasons customers trust PURAERO, including 20-year expertise, solid support (parts and labor, housing warranty), U.S. customer care, tested tough equipment, and proven performance.