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› Big Ass Fans AirEye Wall Mount Fan Instruction Manual (24-inch, 120V)

Big Ass Fans AE1

Big Ass Fans AirEye Wall Mount Fan Instruction Manual

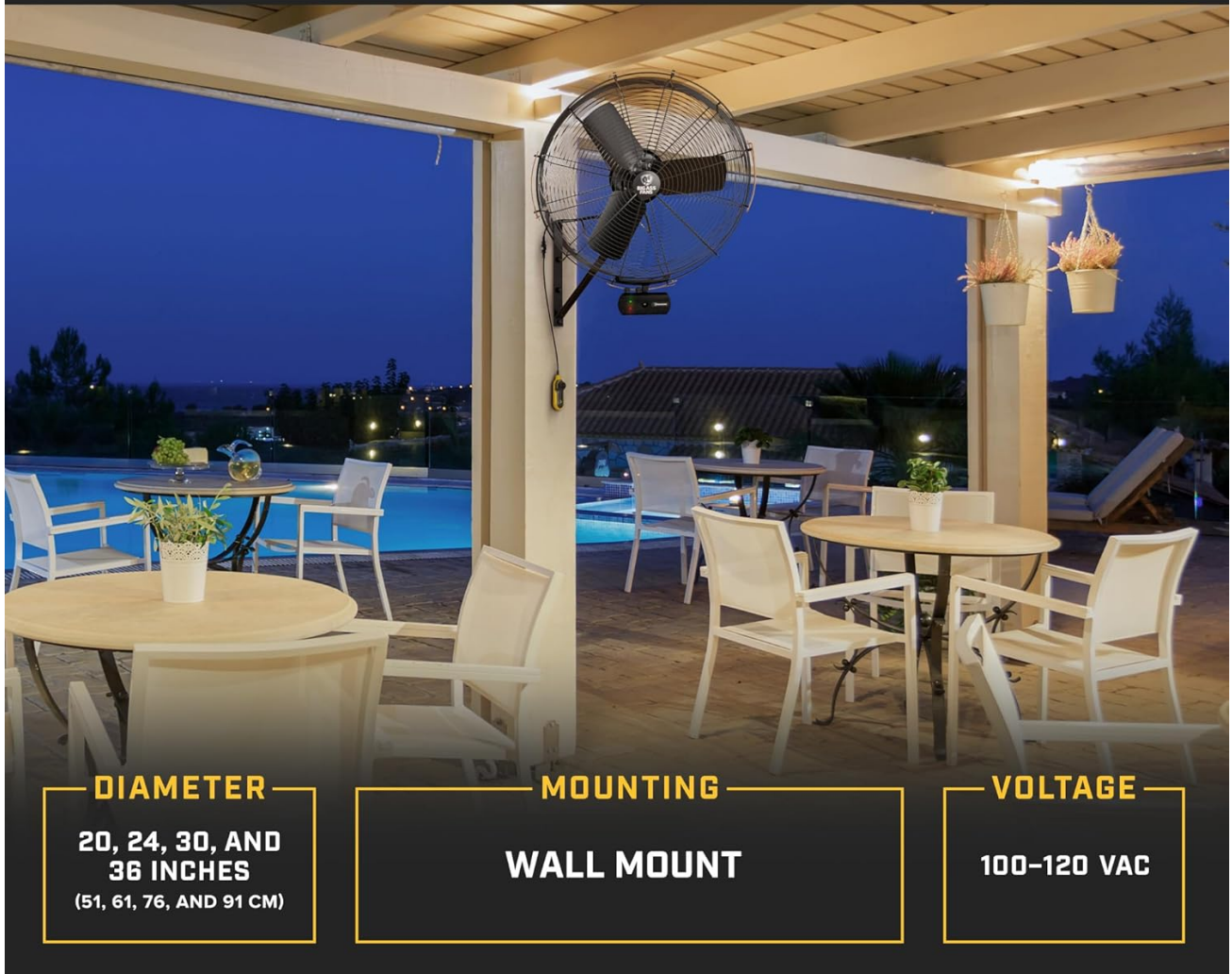
Model: AE1 (24-inch, 120V)

1. PRODUCT OVERVIEW

The Big Ass Fans AirEye Wall Mount Fan is engineered to provide powerful and efficient airflow for various spaces. Designed for durability and quiet operation, it features variable speed control and a robust wall-mount design to save floor space. This manual provides essential information for safe installation, operation, and maintenance of your AirEye fan.

AIREYE DIRECTIONAL FAN

TARGETED AIRFLOW FOR HARD-TO-REACH AREAS.



DIAMETER

20, 24, 30, AND
36 INCHES
(51, 61, 76, AND 91 CM)

MOUNTING

WALL MOUNT

VOLTAGE

100-120 VAC

Image 1.1: The AirEye Wall Mount Fan providing targeted airflow in an outdoor setting.

2. SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the power supply matches the fan's voltage (120V). Always disconnect power before servicing or cleaning the fan.
- **Mounting:** The fan must be securely mounted to a structural support capable of holding its weight. Consult a qualified professional for installation if unsure.
- **Clearance:** Maintain adequate clearance around the fan to ensure proper airflow and prevent obstruction.
- **Moving Parts:** Keep hands, hair, clothing, and other objects away from moving fan blades. Do not operate the fan without the OSHA-compliant fan screen in place.
- **Environment:** This fan is designed for indoor use. While it has some weather-resistant features, avoid direct exposure to heavy rain or extreme conditions unless specifically rated for such use.
- **Children and Pets:** Keep children and pets away from the fan during operation.

3. PRODUCT FEATURES

- **High Performance Airflow:** Delivers powerful airflow with a durable, efficient motor.
- **Wall Mount Design:** Saves floor space and provides efficient cooling. Features durable metal construction.
- **Quiet Operation:** Operates quietly, minimizing noise disruption.
- **Variable Speed Control:** Customize airflow with multiple speed options (0-100).
- **Versatile Use:** Suitable for garages, workshops, and other indoor settings.
- **Multiple Diameter Sizes:** Available in 20-, 24-, 30-, and 36-inch (51, 61, 76, and 91 cm) options. This specific model is 24-inch.
- **OSHA-Compliant Fan Screen:** Ensures safety during operation.
- **BAFCon Option:** Ability to connect multiple fans to a single touch-screen control (optional accessory).
- **Precision-Balanced Airfoils:** Features 3 airfoils for optimal airflow.
- **Energy Efficiency:** Offers 50% more CFM airflow per watt than basic induction motors.



Image 3.1: Variable speed control for customized airflow.



Image 3.2: AirEye's targeted airflow efficiency and versatile mounting options.

4. SETUP AND INSTALLATION

The AirEye Wall Mount Fan requires secure installation. It is recommended to have a qualified professional perform the installation to ensure safety and proper function.

1. **Unpack:** Carefully remove all components from the packaging. Verify all parts are present according to the packing list.
2. **Choose Location:** Select a wall location that provides adequate structural support and allows for optimal airflow without obstruction. Ensure the location is within reach of a 120V power outlet.
3. **Mounting Bracket:** Secure the wall mounting bracket (note: mounting bracket may be sold separately, verify package contents) to the chosen structural support using appropriate hardware. Ensure the bracket is level and firmly attached.
4. **Attach Fan:** Carefully lift the fan assembly and attach it to the mounting bracket. Secure all fasteners as per the detailed installation guide provided with your product.
5. **Connect Power:** Plug the fan into a grounded 120V electrical outlet. Ensure the power cord is routed safely to avoid tripping hazards or damage.
6. **Test Operation:** Before full use, perform a test run to ensure the fan operates correctly and is securely mounted.

SMART COOLING. MOTION DETECTION.



SMART MOTION SENSORS (sold separately)

AirEye's infrared motion sensors automatically control fan movement, optimizing efficiency by operating only when necessary.

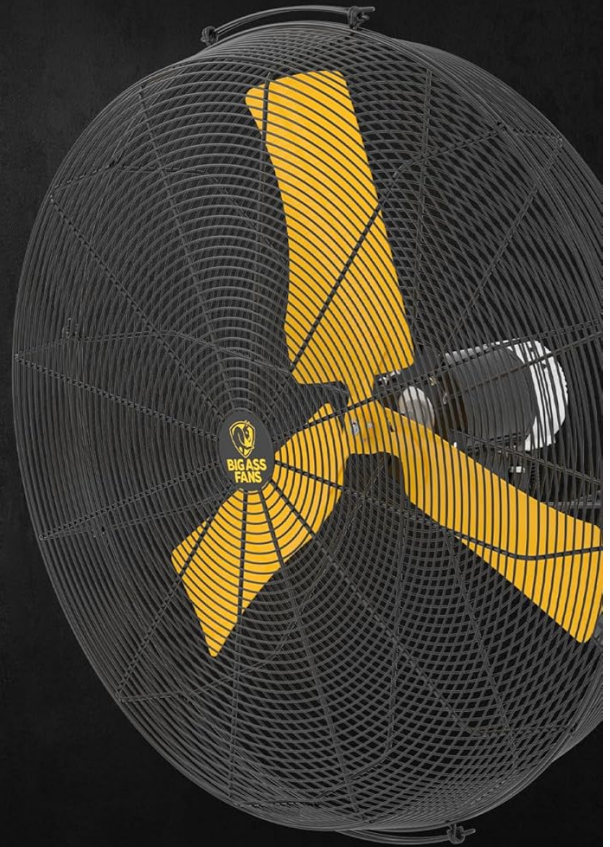


Image 4.1: AirEye Wall Mount Fan components for installation.

5. OPERATING INSTRUCTIONS

The AirEye fan is designed for simple operation using its integrated controls or optional smart features.

- **Power On/Off:** Use the main power button or switch to turn the fan on or off.
- **Adjust Speed:** Utilize the variable speed control (button control) to select your desired airflow intensity, typically ranging from 0 (off) to 100 (maximum).
- **Oscillation:** If your model includes an oscillation feature, activate it to distribute airflow across a wider area.
- **App Control (Optional):** For models with app control capabilities, download the Big Ass Fans app and follow the in-app instructions to connect and control your fan remotely.
- **Occupancy Sensor (Optional):** If equipped with an occupancy sensor, the fan can automatically adjust operation based on presence, optimizing energy use.

WEATHER-PROOF. OUTDOOR READY.



IPX5 Wet
Rated



Image 5.1: Optional smart motion sensors for automated operation.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AirEye fan. Always disconnect power before performing any maintenance.

- **Cleaning:** Periodically wipe down the fan blades and guard with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the fan for any signs of damage, loose connections, or unusual wear.
- **Motor:** The motor is designed for maintenance-free operation. Do not attempt to lubricate or disassemble the motor.
- **Mounting Hardware:** Check mounting hardware periodically to ensure it remains tight and secure.

7. TROUBLESHOOTING

If you encounter issues with your AirEye fan, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fan does not turn on.	No power, loose connection, or tripped circuit breaker.	Check power outlet, ensure plug is secure, reset circuit breaker.
Reduced airflow.	Dirty blades/guard, obstruction, or incorrect speed setting.	Clean blades and guard, remove obstructions, adjust speed setting.
Excessive noise or vibration.	Loose mounting, damaged blades, or internal issue.	Check mounting hardware, inspect blades for damage. If problem persists, contact support.

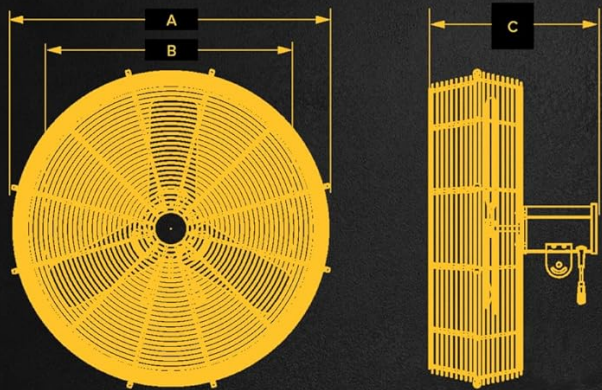
If troubleshooting steps do not resolve the issue, please contact Big Ass Fans customer support.

8. SPECIFICATIONS

Specification	Detail
Brand	Big Ass Fans
Model Name	AirEye Wall Mount Fan
Model Number	AE1
Size (Diameter)	24 inches (61 cm)
Color	Black/Yellow
Power Source	AC
Voltage	120 Volts
Wattage	65 watts
Noise Level	69 Decibels
Number of Blades	3
Blade Material	Plastic
Mounting Type	Wall Mount
Control Method	Button Control (App optional)
Indoor Outdoor Usage	Indoor
Product Dimensions (D x W x H)	39.5"D x 32"W x 32"H

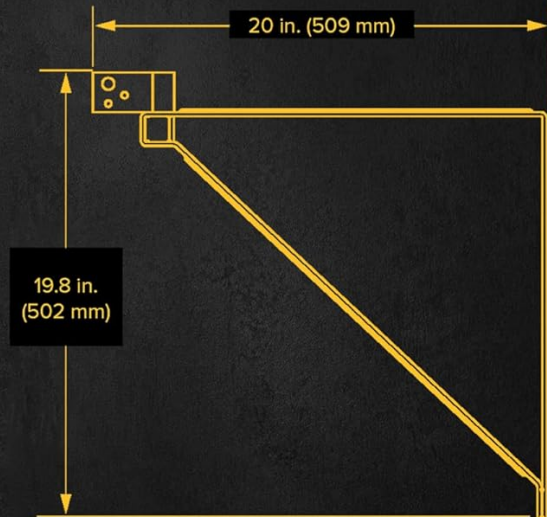
AIREYE DIMENSIONS

Blade and Cage Assembly



Cage Diameter (A)	Blade Diameter (B)	Depth (C)
25.8 in. (656 mm)	20.5 in. (521 mm)	19.5 in. (495 mm)
32 in. (813 mm)	24.5 in. (622 mm)	19.5 in. (495 mm)
38.2 in. (969 mm)	30.5 in. (775 mm)	19.5 in. (495 mm)
43.2 in. (1097 mm)	36.5 in. (927 mm)	21.5 in. (546 mm)

Wall Mount



Weight: 9.5 lb (4.3 kg)

Image 8.1: AirEye fan dimensions for planning installation.

9. OFFICIAL PRODUCT VIDEOS

The Exceptionally Engineered Directional Fan - AirEye

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Video 9.1: This video showcases the engineering and durability of the AirEye directional fan, including its robust construction and performance under various conditions. It highlights the fan's ability to withstand challenging environments.

Big Ass Fans Brand Video

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Video 9.2: This video provides an overview of the Big Ass Fans brand philosophy, emphasizing their commitment to quality, innovation, and creating comfortable environments through superior airflow solutions.

10. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the official Big Ass Fans website or contact their customer service department directly. Keep your purchase receipt for warranty claims.

Contact Information:

- **Website:** [Big Ass Fans Store on Amazon](#)
- **Customer Service:** Refer to the contact details provided in your product packaging or on the official Big Ass Fans website.