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Akicon AK1314K1-S

Akicon AK1314K1-S Bathroom Exhaust Fan with Light User Manual

Model: AK1314K1-S | Brand: Akicon

1. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in electrical shock, fire, property damage, or personal injury.

- Always disconnect power at the service panel before working on the fan or light.
- All wiring must be performed by a qualified electrician in accordance with all applicable electrical codes and standards.
- Ensure the fan is properly grounded.
- Do not install this fan in a cooking area.
- This unit is designed for general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.



Figure 1: The Akicon Bathroom Exhaust Fan is UL and HVI certified, ensuring trusted performance and safety for use over tubs and showers.

2. SETUP AND INSTALLATION

This section provides detailed instructions for installing your Akicon Bathroom Exhaust Fan. Ensure you have all necessary tools and materials before starting.

2.1 Pre-Installation Checks

Before beginning installation, verify the following:

- The package is free from damage.
- The model, style, and finish match your order.
- The ceiling opening size is 7-1/2" (L) x 7-1/4" (W) and the soffit/attic height is greater than 6 inches.



Figure 2: Ensure adequate space in your soffit or attic for installation. The required ceiling opening size is 7-1/2" x 7-1/4" with a minimum height of 6 inches.

2.2 Installation Video Guide

Watch the official installation video for a visual step-by-step guide:

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Video 1: Akicon Bathroom Fan Unboxing & Installation Video (Model AK1314K1-S). This video demonstrates the unboxing process and provides a comprehensive guide for installing the exhaust fan, including both attic and no-attic installation methods.

2.3 Wiring Instructions

Proper wiring is essential for safe and correct operation. Refer to the diagram below and ensure all connections are secure.

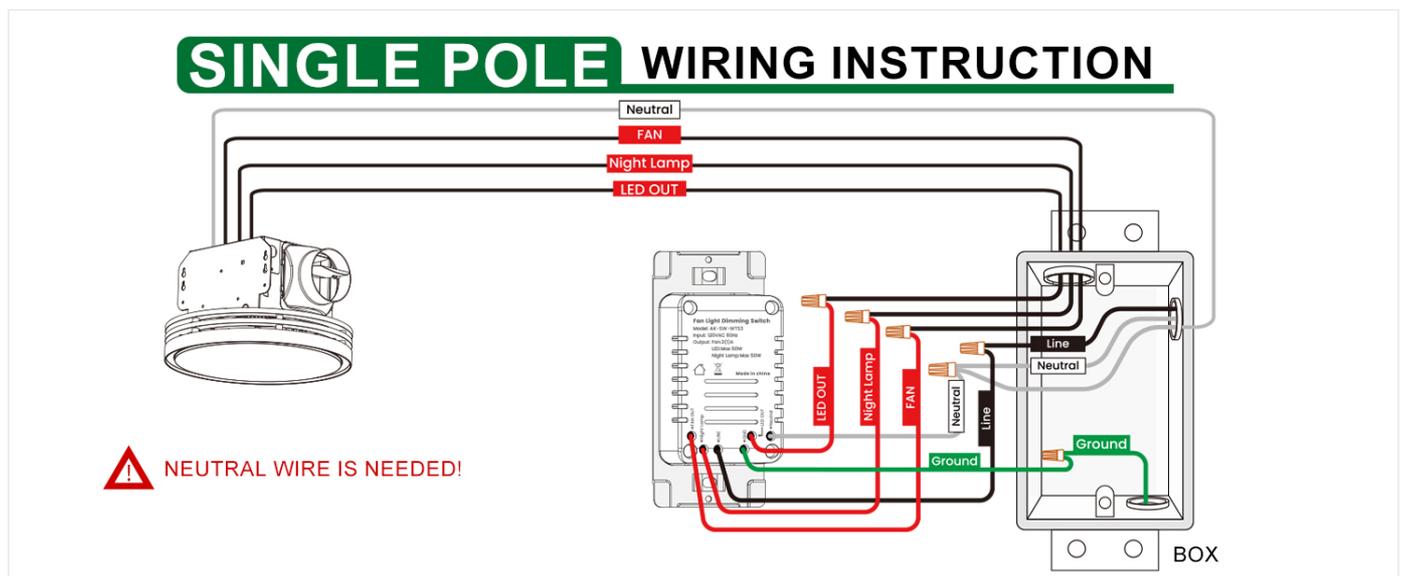


Figure 3: Wiring diagram for the Akicon AK1314K1-S. Connect house wires to fan wires: black to black, white to white, and ground to ground. A neutral wire is needed for proper functionality.

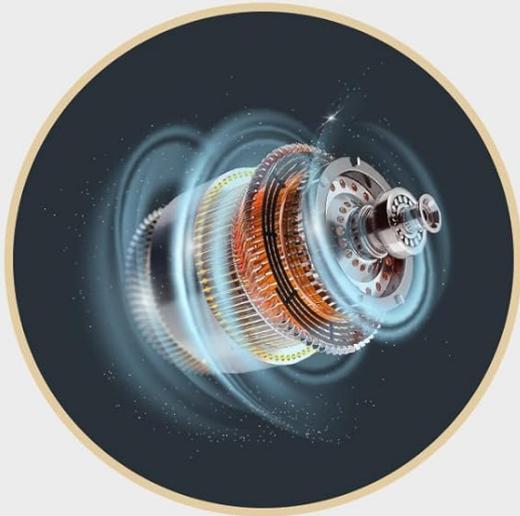
3. OPERATING INSTRUCTIONS

Your Akicon Bathroom Exhaust Fan with Light offers efficient ventilation and versatile lighting options.

3.1 Fan Operation

The fan provides 80 CFM (Cubic Feet Per Minute) airflow at a quiet 2.0 Sones noise level, effectively removing humidity and odors from your bathroom.

ULTRA QUIET AND HIGH EFFICIENT



PREMIUM COPPER BALL-BEARING MOTOR



80 CFM



2 SONES

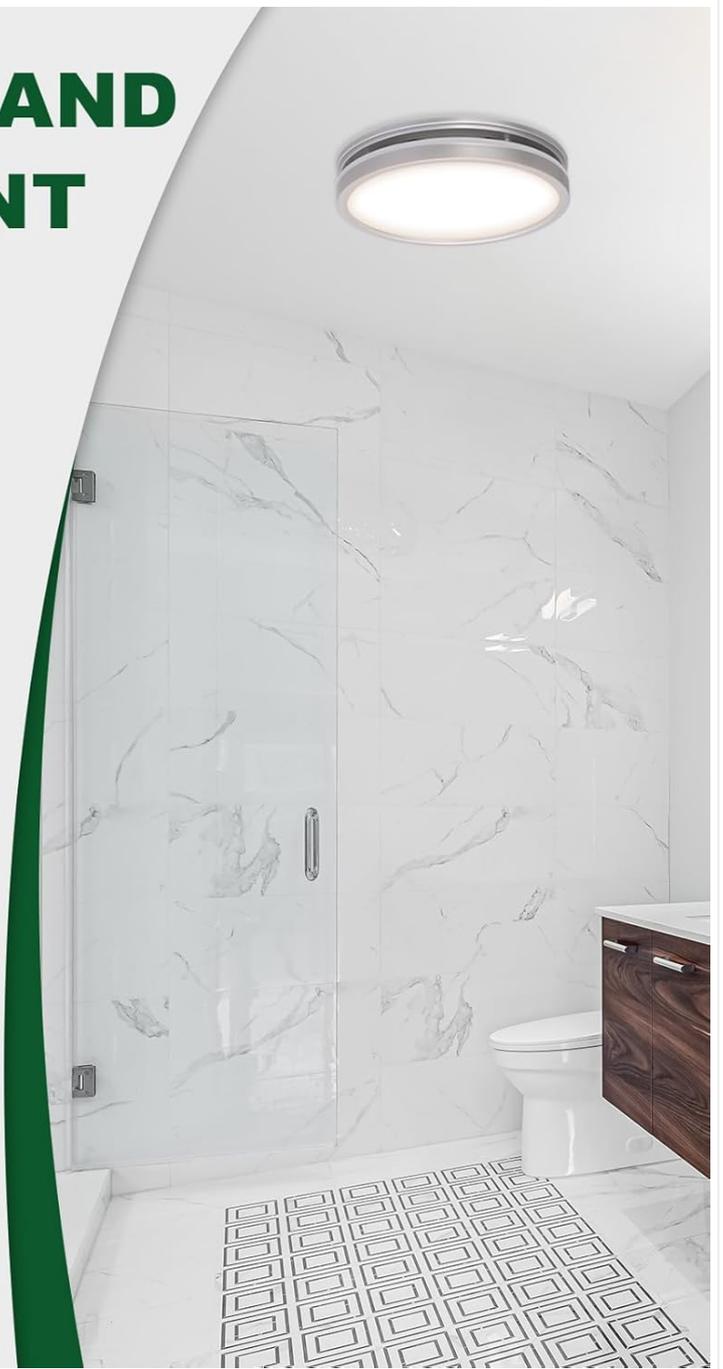


Figure 4: The fan features a premium copper ball-bearing motor for ultra-quiet and highly efficient operation, providing 80 CFM airflow at 2.0 Sones.

3.2 Lighting Features

The integrated LED light offers adjustable color temperature and a nightlight function.

- **3CCT Main Light:** Cycle through 2700K (Warm White), 4000K (Natural White), and 5500K (Day White) by toggling the light switch. The light retains the last memory when turned on again after 7 seconds.
- **Nightlight:** A separate 3.5W nightlight emits a soft glow for low-light visibility.
- **Dimmable:** The main light and nightlight are dimmable when used with a compatible dimmer switch (sold separately).

3-COLOR TEMPERATURE MODE (CCT)



By using Akicon Dimmer Switch (**The Switch is Sold Separately*) will easily control Dimmable 3CCT LED Light, Nightlight and Exhaust Fan, achieving stepless dimming.

Figure 5: The 3-Color Temperature (3CCT) LED light allows you to choose between 2700K, 4000K, and 5500K to suit your preference.

3CCT LED LIGHT & NIGHT LIGHT

The night light on the side emits a soft glow, helping you find your way in the dark



3CCT



LED Light



Nightlight



AK1314K1

Figure 6: The fan includes a 3CCT LED main light and a separate nightlight for versatile illumination.

3.3 Product Features Overview

For a quick overview of the product's features and functionality, please watch this video:

Your browser does not support the video tag.

Video 2: Akicon Bathroom Exhaust Fan with Light (Model AK1314K1-S). This video highlights the key features of the fan, including its quiet operation, powerful performance, and adjustable lighting options.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your exhaust fan.

- **Cleaning the Grille:** Periodically remove the grille and wash it with mild soap and water. Rinse thoroughly and dry before reattaching.
- **Cleaning the Fan Housing:** With power disconnected, use a vacuum cleaner with a brush attachment to remove dust and debris from inside the fan housing.

- **Motor Lubrication:** The motor is permanently lubricated and requires no additional oiling.

5. TROUBLESHOOTING

If you encounter issues with your fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not operate.	No power, loose wiring, faulty switch.	Check circuit breaker/fuse. Verify all wire connections are secure. Test the wall switch.
Light does not turn on.	No power, loose wiring, faulty LED driver.	Check power supply. Ensure light connections are secure. Contact support if LED driver is suspected.
Fan is noisy.	Loose mounting, debris in fan, damaged fan blade.	Ensure housing is securely mounted. Disconnect power and inspect for debris. Contact support if fan blade is damaged.
Poor ventilation.	Blocked duct, undersized fan for room, dirty fan.	Check ductwork for obstructions. Ensure fan size is appropriate for room area. Clean fan and grille.
Light color temperature not changing.	Incorrect switch operation.	Toggle the light switch off and on within 7 seconds to cycle through CCT modes.

6. SPECIFICATIONS

Detailed technical specifications for the Akicon AK1314K1-S Bathroom Exhaust Fan with Light.

Feature	Detail
Brand	Akicon
Model Name	AK1314K1-S
Air Flow Capacity	80 Cubic Feet Per Minute (CFM)
Noise Level	2.0 Sones
Product Dimensions	11"D x 11"W x 7.5"H
Installation Type	Flush Mount
Voltage	120 Volts
Wattage	19 watts
Type of Bulb	LED
Luminous Flux	800 Lumen
Special Features	Adjustable Color Temperature (3CCT), Dimmable LED Light, Night Light
Color Temperature	2700K/4000K/5500K
Night Light Wattage	3.5W
Motor Type	Copper ball-bearing motor
Specification Met	HVI, UL
Room Type	Bathroom, Laundry Room, etc.
Finish Type	Silver

Feature	Detail
Shape	Round

7. WARRANTY INFORMATION

This Akicon Bathroom Exhaust Fan with Light comes with a **3-Year Limited Quality Guarantee**. This warranty covers defects in materials and workmanship under normal use and service.

Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included in your product packaging or contact Akicon customer support.

8. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Akicon customer support. Our team is dedicated to providing top-notch service and support.

- **Online Support:** Visit the official Akicon website for FAQs and support resources.
- **Email Support:** Refer to your product packaging or warranty card for specific email contact information.
- **Phone Support:** Refer to your product packaging or warranty card for specific phone contact information.

