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Awoco RH-SP0X-BLW

Awoco Inline Blower Unit Instruction Manual

MODEL: RH-SP0X-BLW

Product Overview

The Awoco Inline Blower Unit is designed to enhance the performance and reduce the noise of your existing range hood system. By relocating the blower unit to an attic or remote location, it significantly minimizes operational noise in the kitchen area, providing a quieter cooking environment. This unit is engineered for powerful air exhaustion, effectively removing smoke, steam, and cooking odors.

Key features include a 4-speed control panel with blue-lighted soft touch electronic buttons, a durable stainless steel control panel, and energy-efficient LED lights.



Image: The Awoco Inline Blower Unit (top) and its stainless steel control panel (bottom).

Package Contents

Please verify that all components are present and undamaged upon unpacking.

- 8" Vent Blower unit

- Stainless steel control panel
- Circuit box with power cord
- 2 Removable LED Lights
- 2 Mounting brackets
- Screws & electric nuts

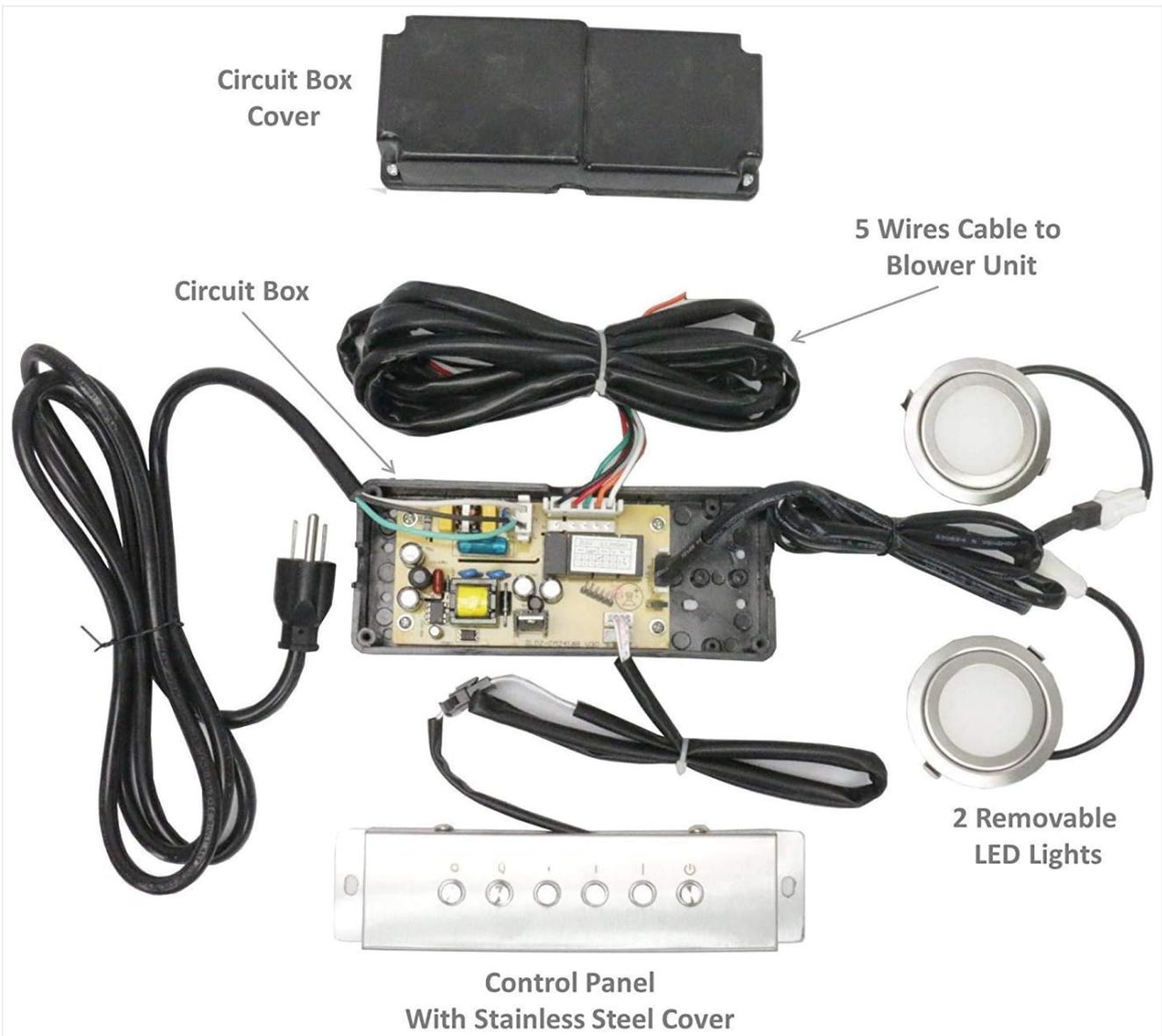


Image: All components included in the Awoco Inline Blower Unit package, including the blower unit, control panel, circuit box, power cord, and LED lights.

Specifications

Feature	Detail
Model Number	RH-SP0X-BLW
Venting Type	8" round vent for air inlet and outlet
Motor & Fans	1 Motor and 2 of 5" Centrifugal Squirrel Cage Fan Wheels
Power Rating	120V/60Hz, 135W Min / 250W Max
Noise Level (Low)	40 dB, 2.5 sones

Noise Level (High)	58 dB, 8.0 sones
Control Type	Touch (4 Speeds)
Lighting	2 x 1.5W energy efficient cold bright LED Lights (removable)
Product Dimensions	14.75"D x 16.88"W x 19.13"H
Special Feature	Easy To Clean

! WARNING

**Bought By Mistake
Most Reason(s)**

1) Not Enough Space to Install – This blower unit may not fit into your cabinet or installation space. Please make sure you have enough space for installation.

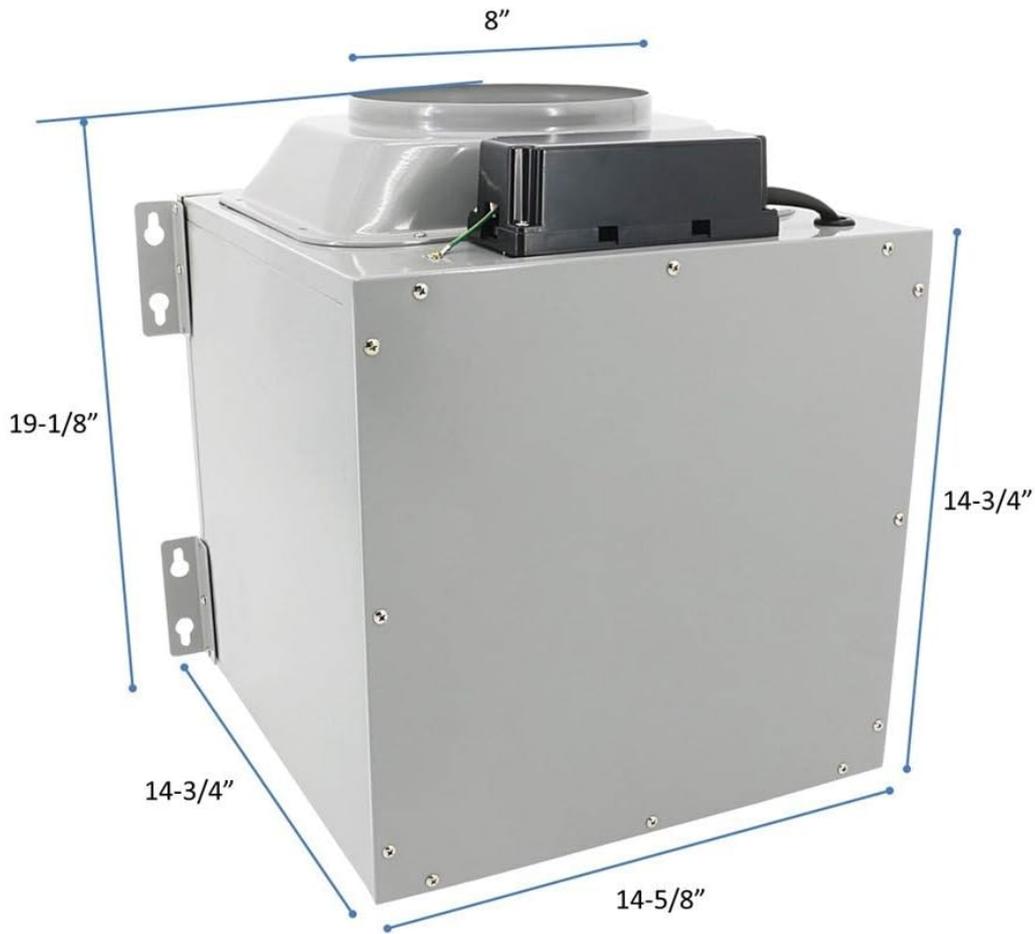


Image: Detailed dimensions of the Awoco Inline Blower Unit, showing height, width, and depth measurements for installation planning.



Image: Close-up view of the 8-inch round vent opening on the Awoco In-line Blower Unit, indicating the air inlet/outlet size.

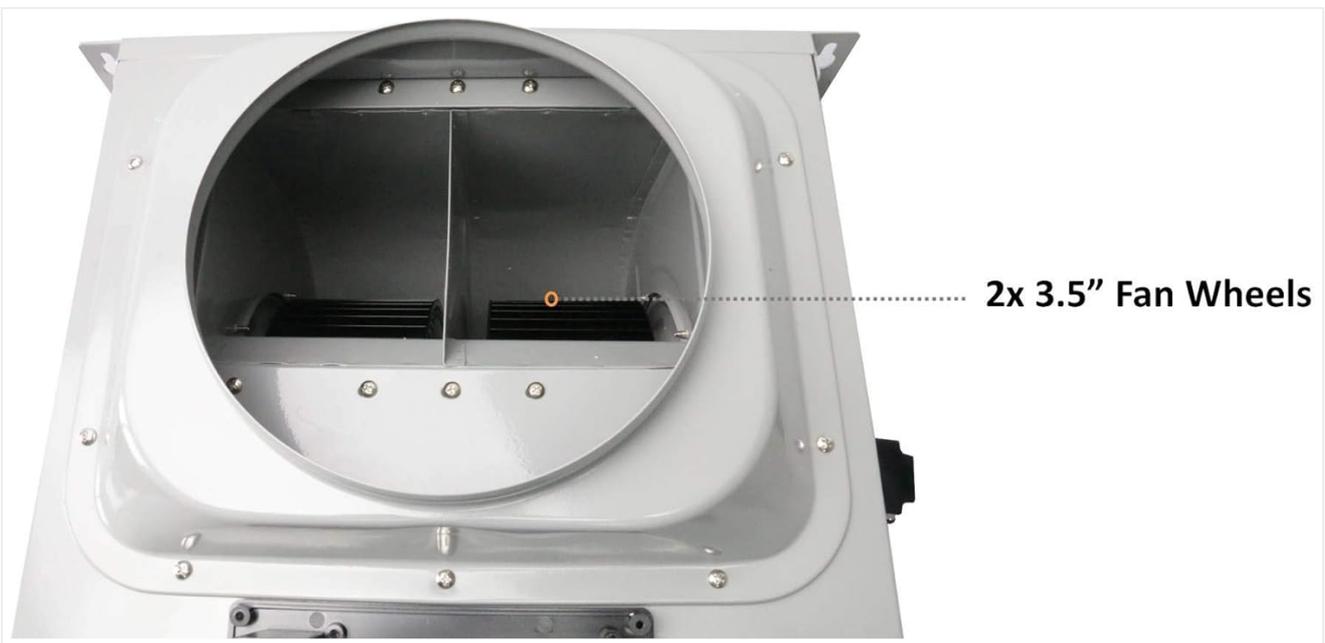


Image: Internal view of the Awoco In-line Blower Unit, showing the two 3.5-inch fan wheels responsible for air movement.

Installation and Setup

The Awoco Inline Blower Unit is designed to be installed in a remote location, typically in an attic or above the ceiling, to minimize noise in the kitchen. Professional installation is recommended due to the electrical and mechanical complexity involved.

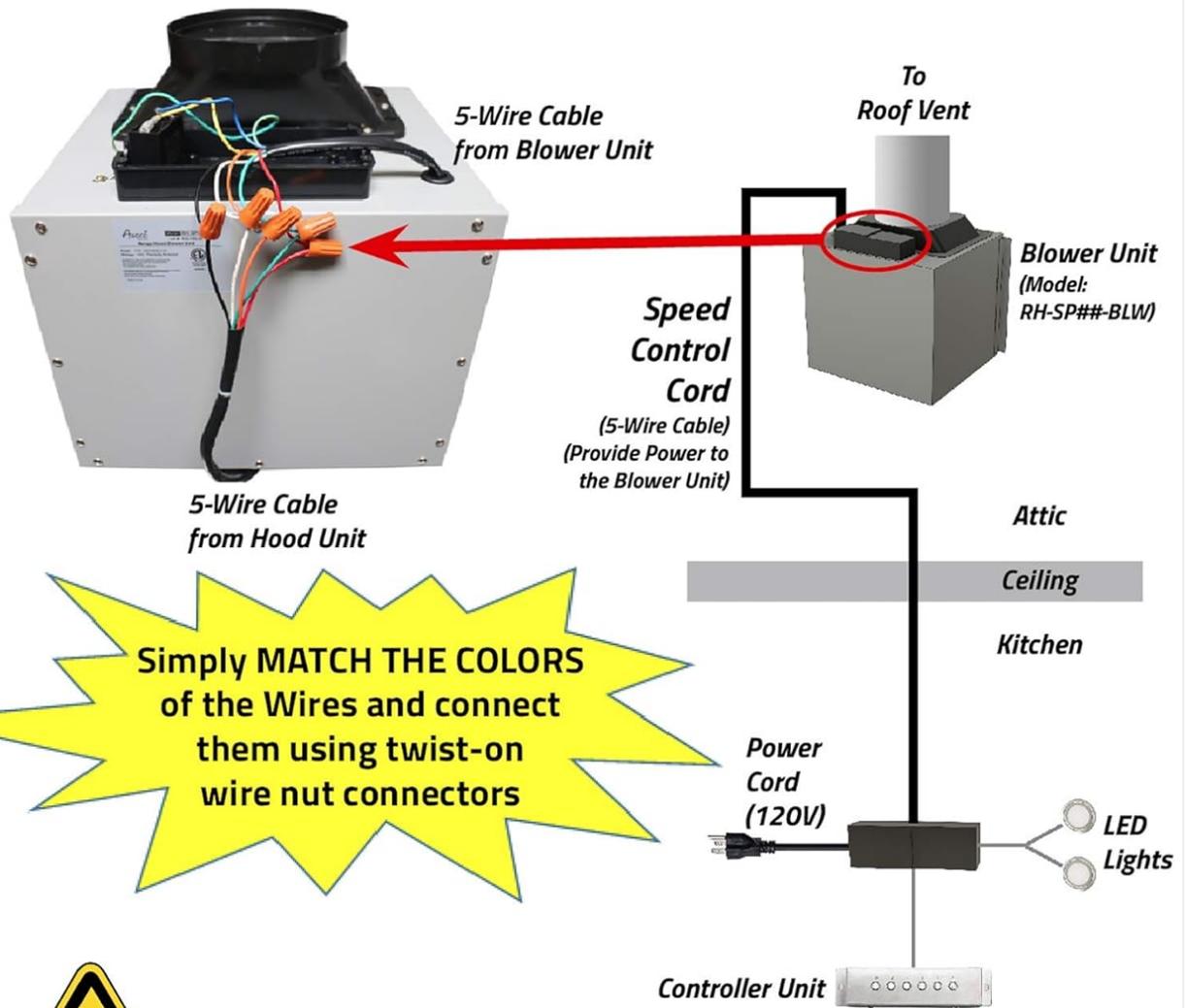
Mounting

Utilize the provided mounting brackets to securely fasten the blower unit in your chosen remote location. Ensure the location has sufficient space for the unit and proper ventilation ducting.

Electrical Connection and Wiring

The unit requires a 120V/60Hz power supply. The control panel connects to the blower unit via a 5-wire cable. It is crucial to match the colors of the wires correctly when connecting them using twist-on wire nut connectors. The circuit box with the power cord should be connected as per the wiring diagram.

Wiring Diagram



Simply MATCH THE COLORS of the Wires and connect them using twist-on wire nut connectors



Electrical Hazard

Warning

- **DO NOT plug in the Power Cord if these 5 wires are not connected to the Blower Unit!**
- **Exposed unconnected wires will cause personal injury and electrical damage to the motor that is not covered by the warranty.**

Image: Detailed wiring diagram illustrating the connections between the blower unit, control panel, circuit box, and power supply. It emphasizes matching wire colors for correct installation.

WARNING: DO NOT plug in the Power Cord if these 5 wires are not connected to the Blower Unit! Exposed unconnected wires will cause personal injury and electrical damage to the motor that is not covered by the warranty.

Control Panel Installation

The stainless steel control panel is designed for easy mounting. It features two holes for secure attachment. Ensure the control panel is installed in an accessible location within your kitchen.

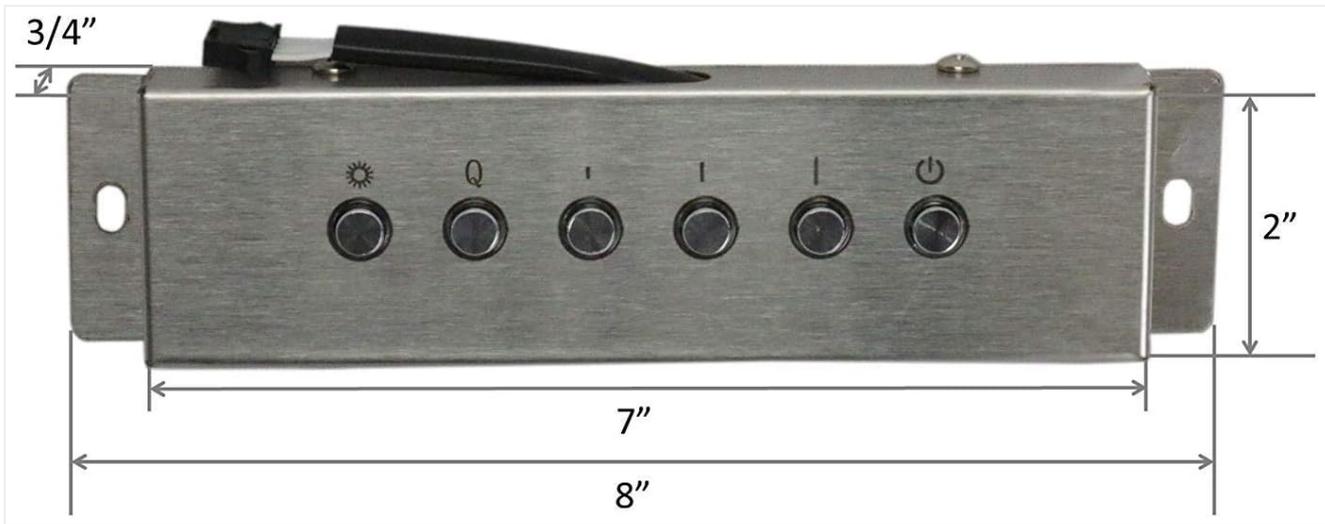


Image: Dimensions of the Awoco stainless steel control panel, showing its length, width, and depth for mounting considerations.

Operating Instructions

The Awoco Inline Blower Unit is controlled via the soft-touch electronic buttons on the stainless steel control panel.

- **Power Button:** Press to turn the unit ON or OFF.
- **Speed Control Buttons:** The control panel features buttons to select one of four fan speeds. Adjust the speed according to your ventilation needs.
- **Light Button:** Press to turn the integrated LED lights ON or OFF.

The blue backlighting on the buttons indicates active functions and enhances visibility.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Awoco Inline Blower Unit.

- **Cleaning:** The unit is designed to be easy to clean. Periodically wipe down the exterior surfaces of the control panel with a soft, damp cloth. Avoid abrasive cleaners.
- **Ductwork Inspection:** Periodically inspect the ductwork for any blockages or leaks that could impede airflow.
- **LED Lights:** The LED lights are designed for long life. If replacement is necessary, ensure the unit is powered off and consult a qualified technician.

Troubleshooting

If you encounter issues with your Awoco Inline Blower Unit, refer to the following common troubleshooting steps:

- **Unit Does Not Power On:**
 - Check the power cord connection to the circuit box and the wall outlet.
 - Verify that the circuit breaker for the unit's power supply has not tripped.
 - Ensure all 5-wire connections between the control panel and the blower unit are secure and correctly matched.
- **Fan Not Operating or Weak Airflow:**
 - Confirm the fan speed is set to a desired level on the control panel.
 - Check for any obstructions in the ductwork or the blower unit's intake/outlet.
 - Ensure the fan wheels are free from debris.

- **Unusual Noise:**

- Verify that the blower unit is securely mounted and not vibrating against any surfaces.
- Check for loose components or debris inside the blower unit.
- Inspect ductwork for any loose connections or rattling.

For issues not resolved by these steps, please contact Awoco customer support.

Warranty and Support

For detailed warranty information, please refer to the documentation provided with your purchase or contact Awoco directly. Keep your proof of purchase for warranty claims.

For technical support, inquiries, or to purchase replacement parts, please visit the official Awoco store or contact their customer service department.

Awoco Store: <https://www.amazon.com/stores/Awoco/page/6CA31CB4-EC70-4D9C-9A31-53CC6F1205EA>