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### Awoco RH-IT06-30

# Awoco Super Quiet Split Insert Stainless Steel Range Hood User Manual

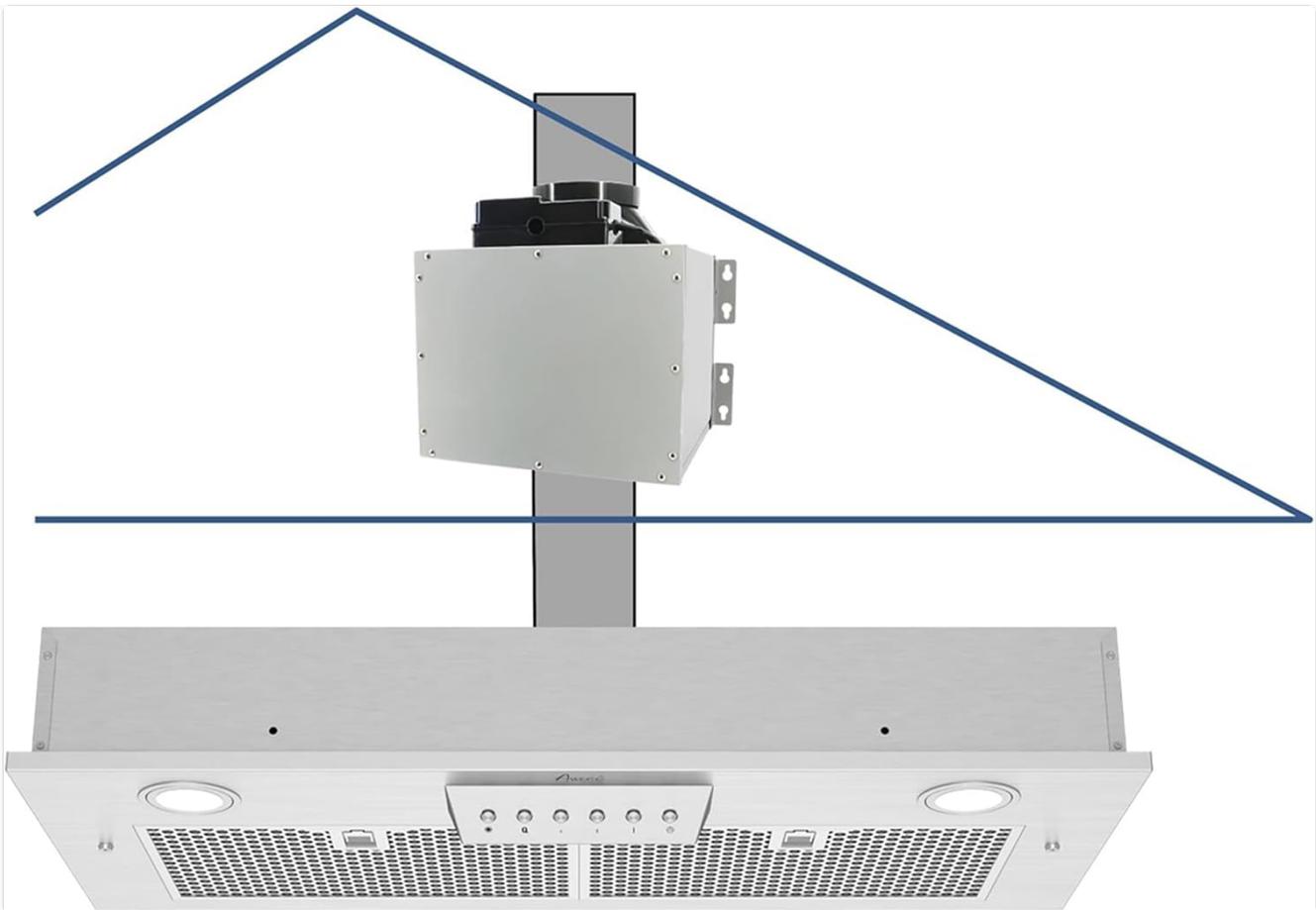
Model: RH-IT06-30

Brand: Awoco

## 1. INTRODUCTION AND PRODUCT OVERVIEW

Thank you for choosing the Awoco Super Quiet Split Insert Stainless Steel Range Hood. This manual provides essential information for the safe installation, operation, and maintenance of your new range hood. Please read this manual thoroughly before installation and use, and keep it for future reference.

This innovative range hood features a split design, with the main hood insert unit installed above your cooking area and the powerful blower unit designed for installation in the attic. This configuration significantly reduces noise in the kitchen while providing excellent ventilation.



**Figure 1.1:** Awoco Super Quiet Split Insert Stainless Steel Range Hood. This image shows the sleek stainless steel hood insert with its control panel and LED lights, designed to fit seamlessly into a custom wood hood.

## 2. IMPORTANT SAFETY INFORMATION

**WARNING: To reduce the risk of fire, electric shock, or injury to persons, observe the following:**

- Install this range hood only in accordance with the instructions provided in this manual.
- Always disconnect power to the range hood at the circuit breaker or fuse box before servicing or cleaning.
- Ensure proper ventilation is provided for combustion gases from fuel-burning equipment to prevent back-drafting.
- Do not use this unit with any solid-state speed control device.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Clean grease filters frequently. Grease should not be allowed to accumulate on the fan or filters.
- Never operate the range hood without the filters in place.
- Do not flambé under the range hood.
- For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.

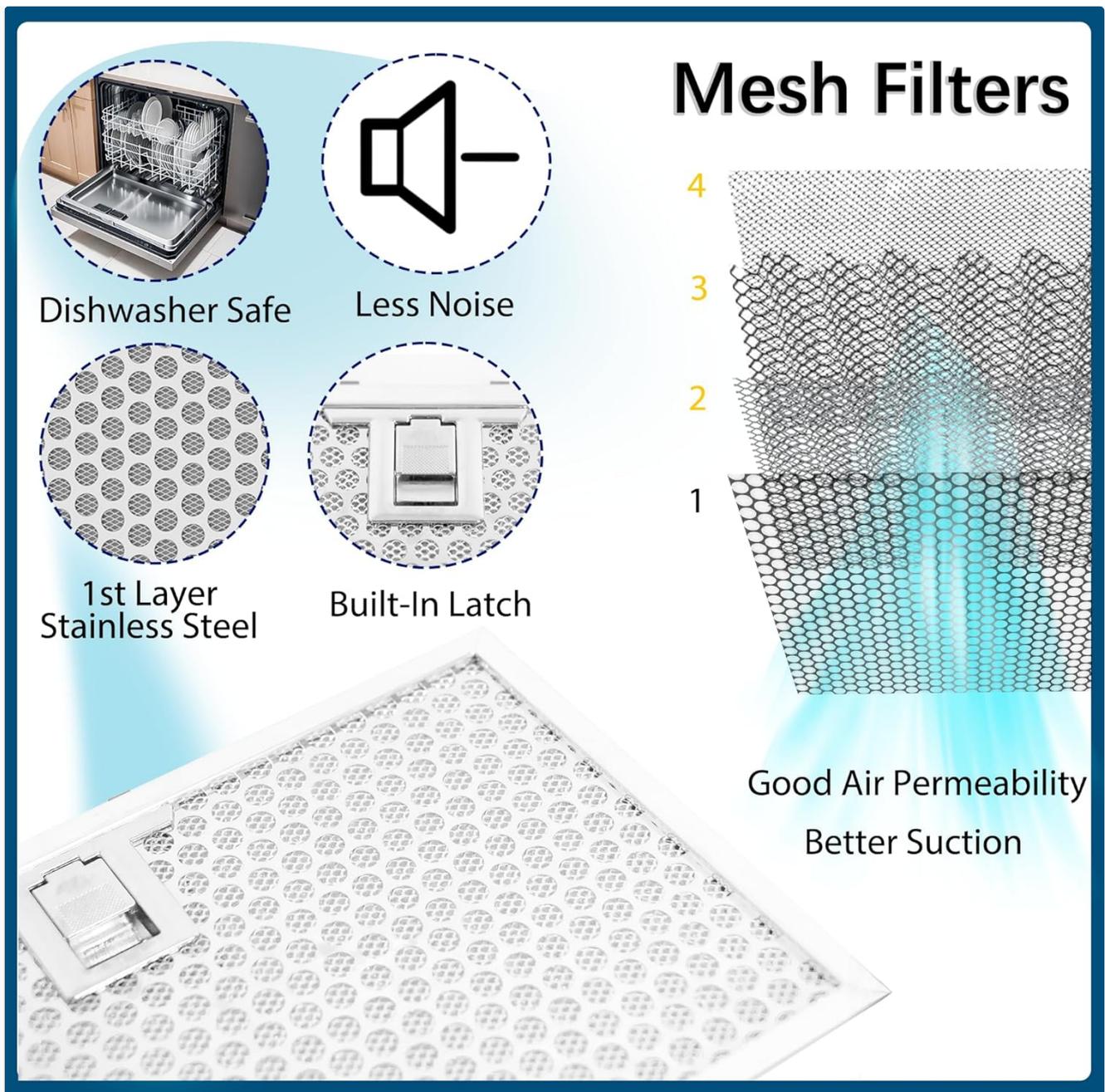
## 3. PRODUCT FEATURES

- **Super Quiet Innovative Split Insert Design:** The hood insert unit and the blower unit are shipped separately. The blower unit is designed for installation above the ceiling in the attic, significantly reducing noise in the kitchen.

- **High-Quality Construction:** Built with 1mm thick stainless steel with a brushed finish, ensuring durability and a sleek appearance.
- **Powerful Ventilation:** Features 4 speeds with approximately 200, 400, 600, and up to 800 CFM airflow, effectively removing smoke, grease, and odors.
- **Efficient LED Lighting:** Equipped with 2 energy-saving 3W cold bright LED lights to illuminate your cooking surface.
- **User-Friendly Controls:** Sloped view blue highlighted electronic buttons for easy speed and light control.
- **Dishwasher Safe Mesh Filters:** Includes 2 four-layer commercial-style stainless steel/aluminum mesh filters with built-in latches for easy removal and cleaning. These filters provide good air permeability, better suction, and less noise compared to baffle filters.
- **Ducting:** Designed for ducted vent outside with a 6-inch round top exhaust vent.



**Figure 3.1:** Key features of the Awoco Range Hood. This image highlights the mesh filters, the sloped electronic button panel for easy access, and the integrated 3W LED lights that illuminate the cooking area.

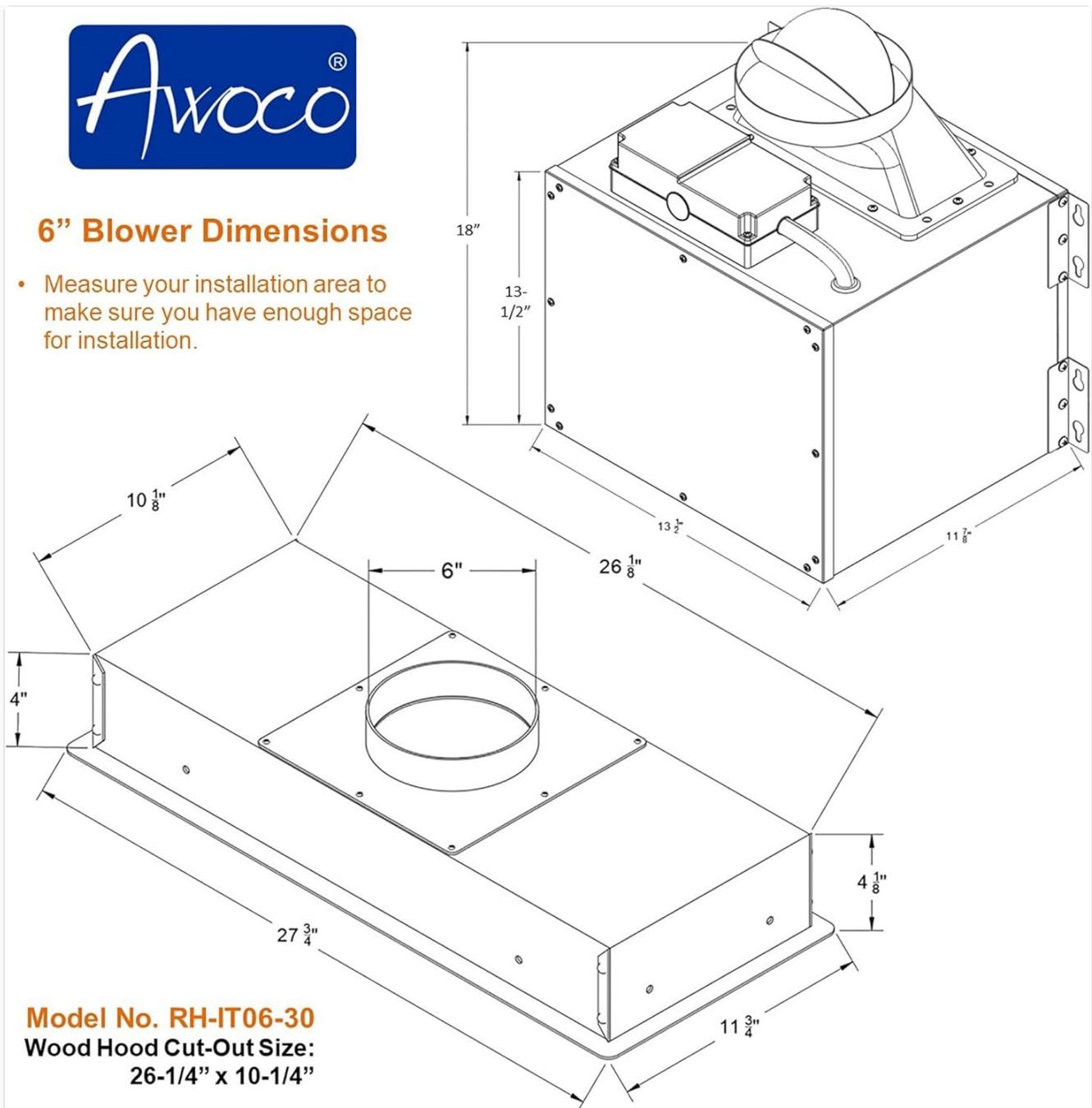


**Figure 3.2:** Advantages of Mesh Filters. This diagram illustrates the benefits of the 4-layer mesh filters, including good air permeability and less noise, contrasting them with the disadvantages of baffle filters.



## 6" Blower Dimensions

- Measure your installation area to make sure you have enough space for installation.



**Figure 3.3:** Detailed view of the Mesh Filters. This image shows the dishwasher-safe design, the 1st layer of stainless steel, and the built-in latch for easy removal, emphasizing good air permeability and better suction.

## 4. SETUP AND INSTALLATION

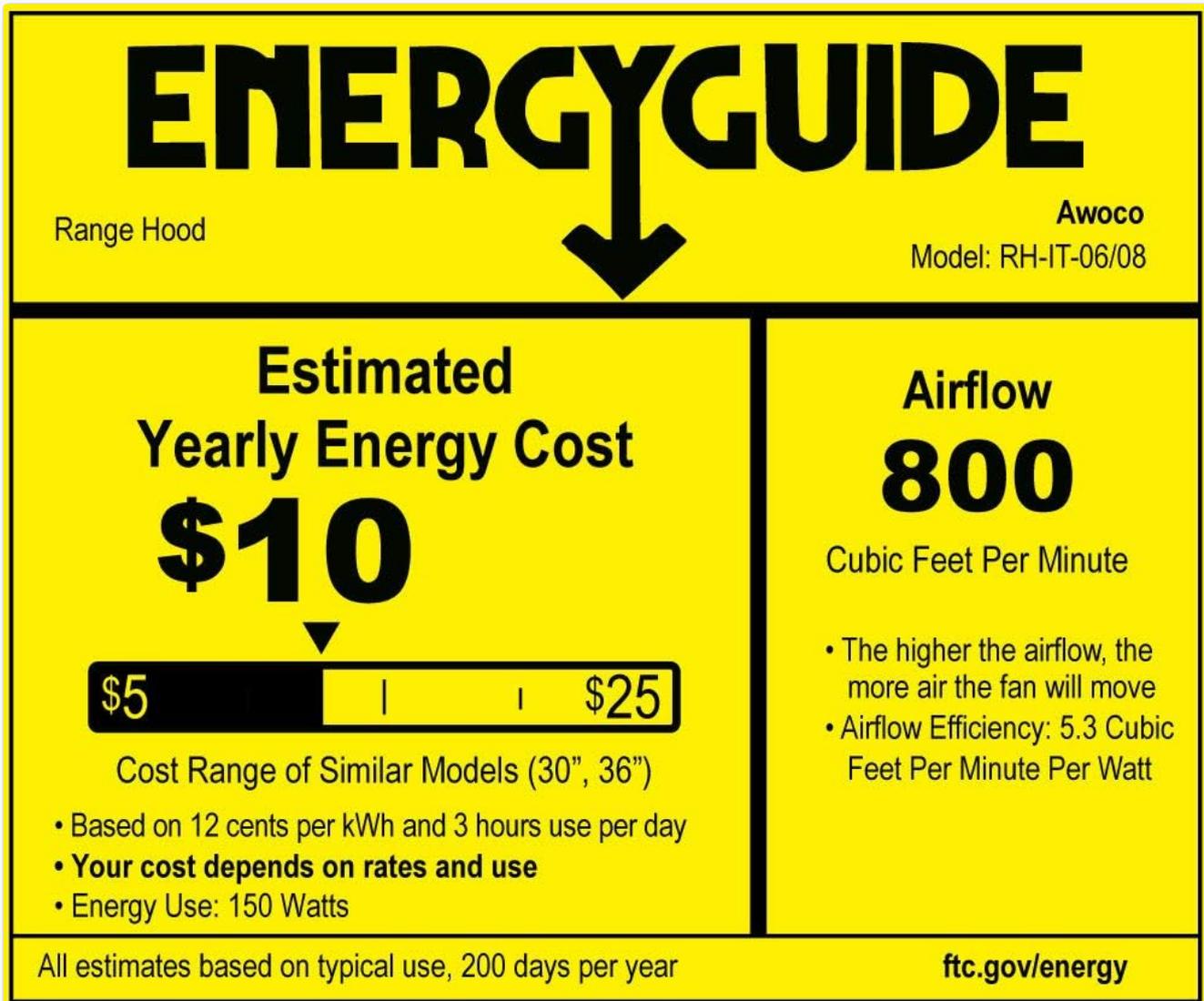
The Awoco split insert range hood consists of two main components: the hood insert unit and the blower unit. The blower unit is designed to be installed in the attic to minimize operational noise in the kitchen.

### 4.1 Pre-Installation Checklist

- Verify that you have received both the hood unit and the blower unit packages.
- Ensure sufficient space in your attic for the blower unit and ductwork.
- Confirm your existing venting duct is a 6-inch round top vent. Ducts are not included.
- Gather necessary tools for installation (e.g., drill, screwdriver, measuring tape, level).

### 4.2 Dimensions and Cut-Out Requirements

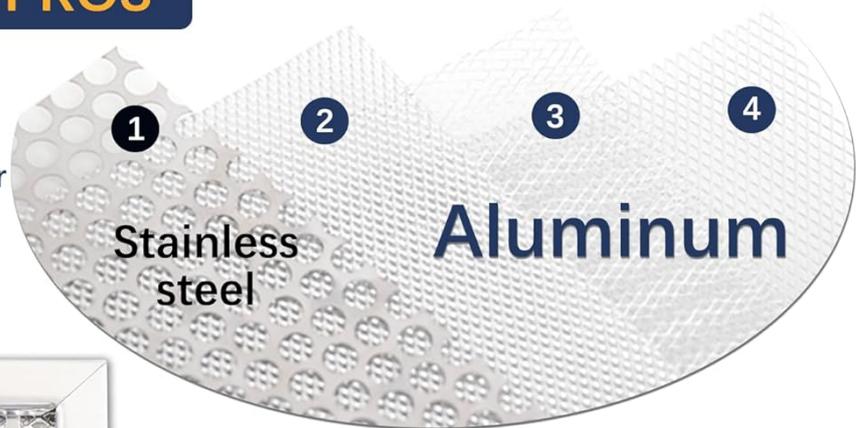
- **Wood Hood Cut-Out Hole Size:** 26-1/4" W x 10-1/4" D
- **Hood Unit Overall Dimensions:** 27-3/4" W x 11-3/4" D x 4-1/8" H
- **Blower Unit Overall Dimensions:** 13-1/2" W x 11-7/8" D x 18" H



**Figure 4.1:** Dimensions for the Hood Unit and Blower Unit. This diagram provides precise measurements for both components, including the recommended wood hood cut-out size of 26-1/4" x 10-1/4", crucial for proper installation.

## MESH FILTER PROS

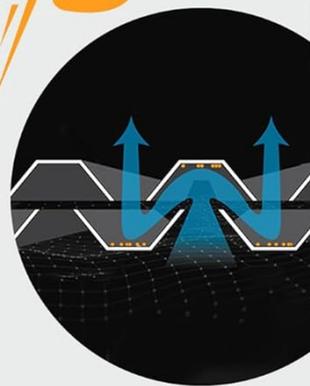
- ✓ 4-layer meshes
- ✓ Stainless steel 1st layer
- ✓ Good air permeability
- ✓ Less noise



VS

## BAFFLE FILTER CONS

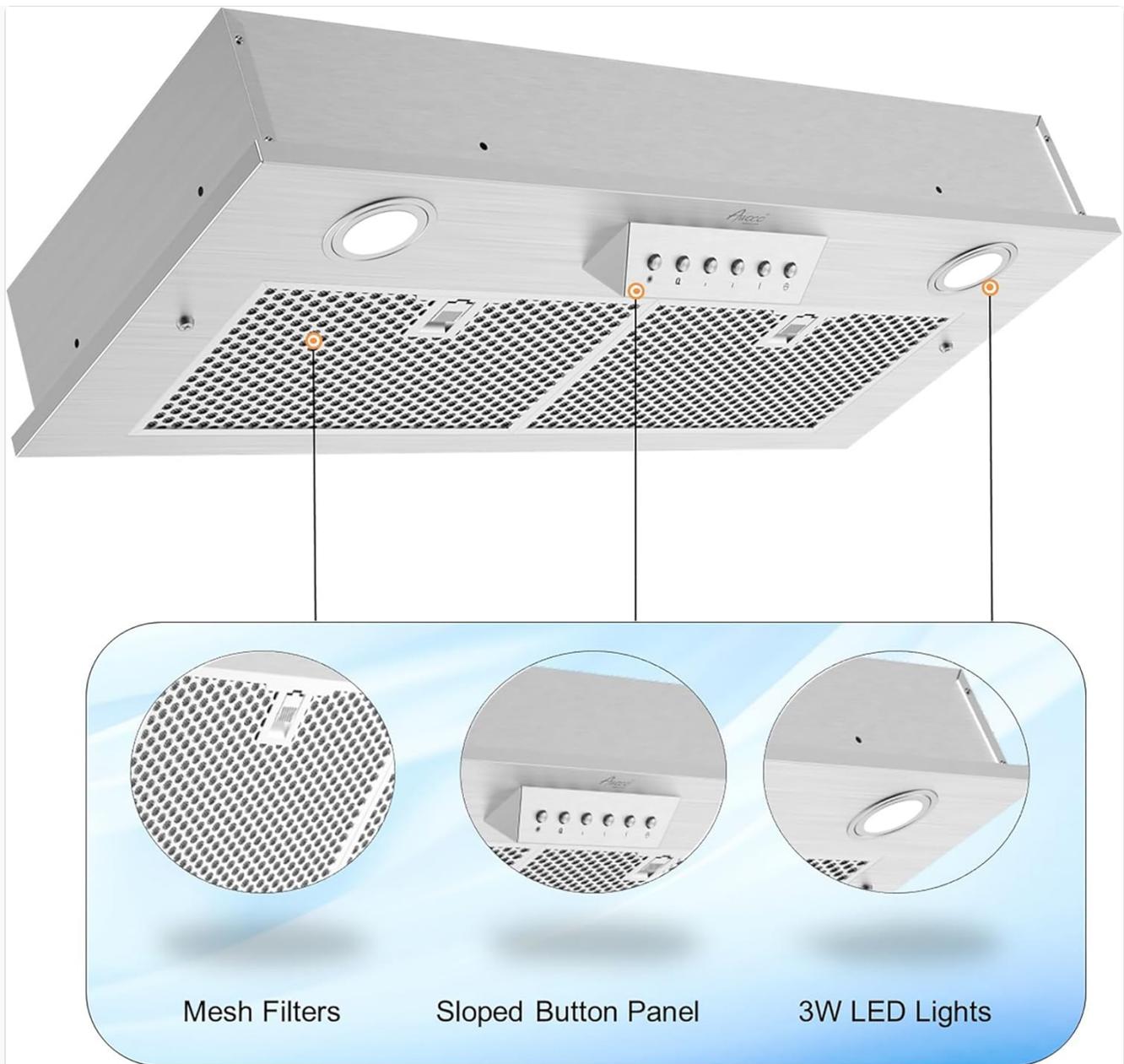
- ✗ Poor air permeability
- ✗ Whistle noise at high air flow
- ✗ Heavier than mesh filters



**Figure 4.2:** Detailed Blower Unit Dimensions and Connections. This image shows the blower unit's dimensions (13-1/2" W x 11-7/8" D x 18" H), the 6" round top vent, and the connection points for the 12 ft 4-speeds 5-wire cable and 35" power cord with 110V plug. It also notes that the blower unit needs to be installed in the attic.

### 4.3 Installation Steps

- 1. Prepare the Opening:** Create the wood hood cut-out opening according to the specified dimensions (26-1/4" W x 10-1/4" D).
- 2. Install Blower Unit:** Position the blower unit in the attic directly above the hood unit's location. Ensure it is securely mounted and properly aligned with the ducting path.
- 3. Connect Ductwork:** Connect the 6-inch round ducting from the hood unit to the blower unit, and then from the blower unit to the outside vent. Ensure all connections are sealed to prevent air leaks.
- 4. Electrical Connection:** Connect the 12 ft split control cord from the hood unit to the blower unit. The blower unit has a 35" power cord with a 110V plug. Ensure power is disconnected before making electrical connections.
- 5. Install Hood Unit:** Carefully insert the hood unit into the prepared opening in the wood hood. Secure it in place using appropriate fasteners.



**Figure 4.3:** Split Range Hood Installation Diagram. This illustration demonstrates how the hood unit is installed below the ceiling and connected via a 5-wire speed cable to the blower unit, which is installed in the attic. It shows both horizontal and vertical mounting options for the blower unit.

**CAUTION:** This range hood is **NOT** compatible with wall switch controls or remote controls.

## 5. OPERATION

The Awoco range hood is operated via the electronic buttons located on the sloped control panel of the hood insert unit.

### 5.1 Fan Speed Control

The range hood features 4 fan speeds to accommodate various cooking needs. Press the corresponding button on the control panel to select your desired speed:

- **Speed 1 (Low):** For light cooking, simmering, or maintaining air quality. (Approx. 200 CFM, 38 dB / 2.0 sones)
- **Speed 2 (Medium-Low):** For everyday cooking. (Approx. 400 CFM)
- **Speed 3 (Medium-High):** For moderate cooking with more steam or odors. (Approx. 600 CFM)

- **Speed 4 (High):** For heavy cooking, frying, or when maximum ventilation is required. (Up to 800 CFM, 50 dB / 4.5 sones)

## 5.2 LED Lights

Press the light button on the control panel to turn the LED lights on or off. The 3W cold bright LED lights provide ample illumination for your cooking surface.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your Awoco range hood.

### 6.1 Cleaning Mesh Filters

The 4-layer mesh filters are designed to trap grease and should be cleaned regularly (ideally every 3-4 weeks, depending on cooking frequency).

1. Ensure the range hood is turned off and power is disconnected.
2. Locate the built-in latches on the mesh filters. Push the latch to release and remove the filters.
3. The mesh filters are dishwasher safe. Place them in your dishwasher for thorough cleaning.
4. Alternatively, wash them by hand using hot water and a non-abrasive detergent.
5. Allow the filters to dry completely before re-installing them.
6. Re-insert the filters by aligning them and pushing until the latch clicks into place.

### 6.2 Cleaning Stainless Steel Surfaces

Clean the stainless steel surfaces with a soft cloth and a non-abrasive stainless steel cleaner. Always wipe in the direction of the grain to avoid scratching. Do not use abrasive pads or cleaners containing bleach.

### 6.3 LED Light Replacement

LED lights are designed for long life and typically do not require frequent replacement. If a light fails, contact Awoco customer support for assistance or replacement instructions.

## 7. TROUBLESHOOTING

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If you experience issues with your range hood, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Range hood does not turn on.	No power supply; circuit breaker tripped; power cord disconnected; control cable between hood and blower disconnected.	Check power connection; reset circuit breaker; ensure power cord is securely plugged in; verify control cable connection.
Poor suction performance.	Grease filters are dirty; ducting is blocked or improperly installed; blower unit issue.	Clean or replace mesh filters; check ductwork for obstructions or leaks; ensure blower unit is functioning correctly.

Problem	Possible Cause	Solution
Excessive noise.	Loose parts; dirty blower fan; improper installation of ducting or blower unit.	Check for loose screws or components; clean blower fan blades; ensure ducting is properly secured and sealed; verify blower unit is mounted correctly in the attic.
LED lights not working.	Light bulb failure; electrical connection issue.	Contact customer support for light replacement; check electrical connections to the light assembly.

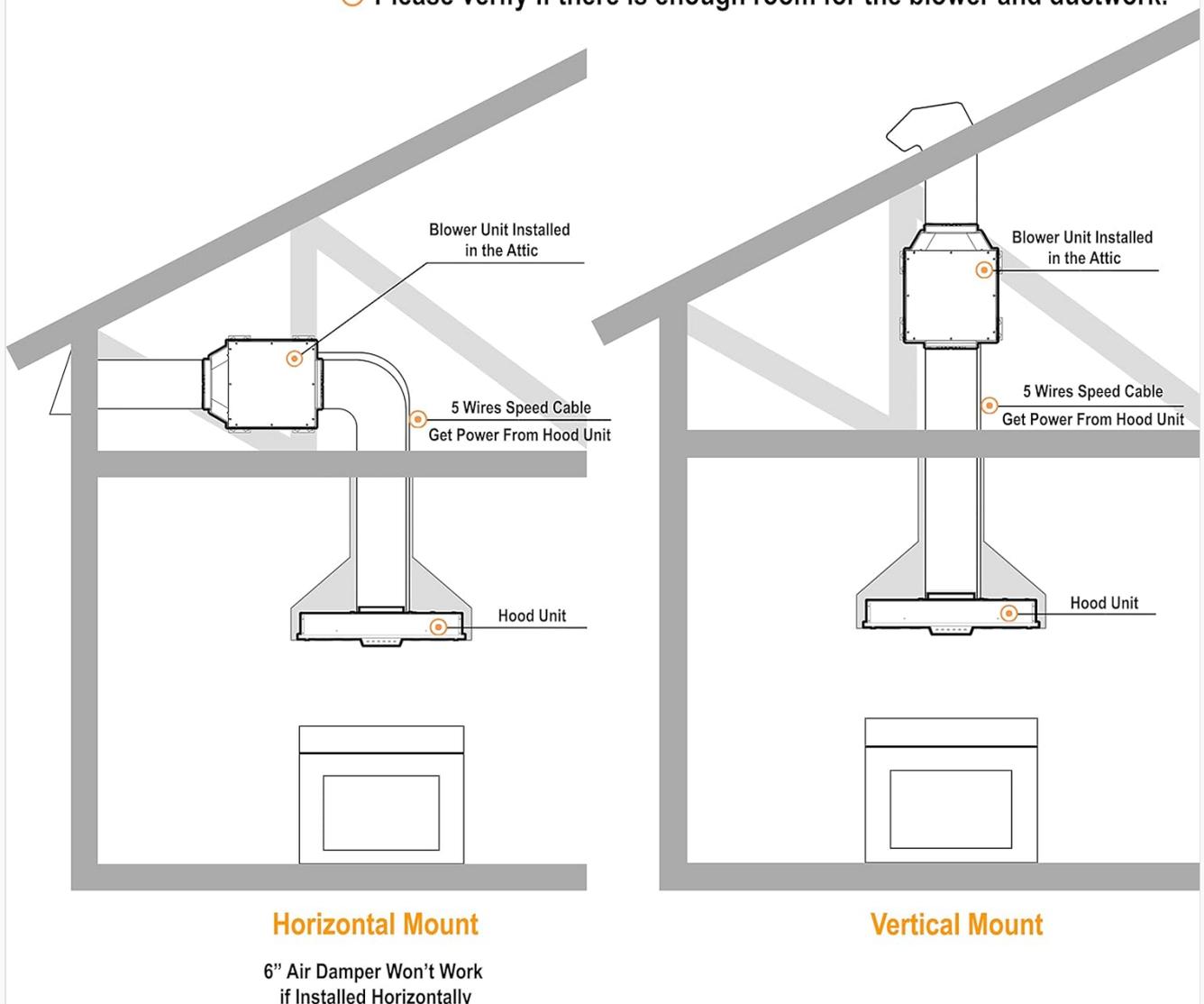
If the problem persists after attempting these solutions, please contact Awoco customer support.

## 8. SPECIFICATIONS

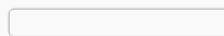
Feature	Specification
Model Number	RH-IT06-30
Type	Split Insert Range Hood
Material	Stainless Steel (1mm thick, brushed finish)
Hood Unit Dimensions (W x D x H)	27-3/4" x 11-3/4" x 4-1/8"
Blower Unit Dimensions (W x D x H)	13-1/2" x 11-7/8" x 18"
Wood Hood Cut-Out Size	26-1/4" x 10-1/4"
Airflow (CFM)	Up to 800 CFM (4 speeds: 200, 400, 600, 800 CFM approx.)
Noise Level (Low/High)	38 dB / 2.0 sones (Low), 50 dB / 4.5 sones (High)
Lighting	2 x 3W Energy Saving Cold Bright LED Lights
Filters	2 x 4-layer Dishwasher Safe Stainless Steel/Aluminum Mesh Filters
Vent Type	6" Round Top Exhaust Vent (Ducted Outside)
Power Rating	120V/60Hz, 110W Min / 150W Max
Control Cord Length	12 ft (split control cord)
Power Cord Length	35" (with plug)
Certifications	ETL Certified



- The insert Hood unit and Blower unit are shipped in 2 packages.
- Please verify if there is enough room for the blower and ductwork.



**Figure 8.1:** Blower Unit Dimensions. This image provides a detailed view of the blower unit with its precise measurements, essential for planning the attic installation space.



**Figure 8.2:** EnergyGuide Label for Awoco Range Hood. This label indicates an estimated yearly energy cost of \$10 and an airflow of 800 Cubic Feet Per Minute, with an airflow efficiency of 5.3 Cubic Feet Per Minute per Watt.

## 9. WARRANTY AND CUSTOMER SUPPORT

### 9.1 Limited Parts Warranty

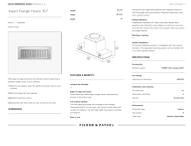
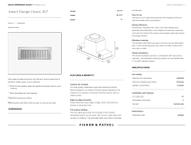
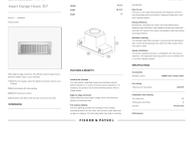
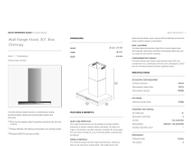
Awoco provides a **1-Year USA Limited Parts Warranty**. This warranty covers free parts, repair, or exchange within one year from the date of purchase. The Awoco product reputation and supreme customer service are a guarantee.

### 9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Awoco range hood, please contact Awoco customer support. Refer to the contact information provided with your product packaging or visit the official Awoco website for the most up-to-date support details.

**Awoco Store Link:** [Visit the Awoco Store on Amazon](#)

**Related Documents - RH-IT06-30**

	<p><a href="#">Awoco Range Hood Owner's Manual - Installation, Use, and Care</a></p> <p>Comprehensive owner's manual for Awoco Split Insert Series Range Hoods (RH-IT, RH-IT-M, RH-IT-R models). Includes installation instructions, operating guide, maintenance tips, and troubleshooting.</p>
	<p><a href="#">Fisher &amp; Paykel 30-Inch Integrated Stainless Steel Insert Range Hood (HPB3011-4) - Quick Reference Guide</a></p> <p>A quick reference guide for the Fisher &amp; Paykel 30-inch integrated stainless steel insert range hood (model HPB3011-4), detailing its features, specifications, dimensions, and installation information.</p>
	<p><a href="#">COS-QS75 Range Hood Troubleshooting Guide   COSMO</a></p> <p>Troubleshoot common issues with your COSMO COS-QS75 range hood, including motor noise, power problems, and airflow issues. Find solutions and maintenance tips.</p>
	<p><a href="#">Fisher &amp; Paykel HPB3011-4 30-Inch Insert Range Hood: Quick Reference Guide</a></p> <p>Discover the features, specifications, and installation details for the Fisher &amp; Paykel HPB3011-4 30-inch integrated stainless steel insert range hood. This guide covers its edge-to-edge extraction, energy efficiency, effortless cleaning, and simple installation.</p>
	<p><a href="#">Fisher &amp; Paykel 30-inch Integrated Insert Range Hood HPB3011-4 Quick Reference Guide</a></p> <p>Quick reference guide for the Fisher &amp; Paykel 30-inch Integrated Insert Range Hood, model HPB3011-4. Features, specifications, dimensions, and installation details.</p>
	<p><a href="#">Fisher &amp; Paykel 30-inch Box Chimney Wall Range Hood (HC30DTXB2_N) - Quick Reference Guide</a></p> <p>Quick reference guide for the Fisher &amp; Paykel HC30DTXB2_N 30-inch box chimney wall range hood. Features include quiet operation, easy cleaning, complementary design, LED lighting, and four fan speeds. Specifications, dimensions, and warranty information provided.</p>