



**Read and Save These Instructions**  
**All Hoods Must Be Installed By A Qualified Installer**

# **INSTALLATION INSTRUCTIONS**

## **WALL MOUNT LINER INSERT**

## **WITH AIR RECOVERY SYSTEM**

**Read All Instructions Thoroughly Before Beginning Installation**

**WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

- A. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction. Switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally during installation.**
- B. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.**
- C. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and local code authorities.**

# Vent Hood®

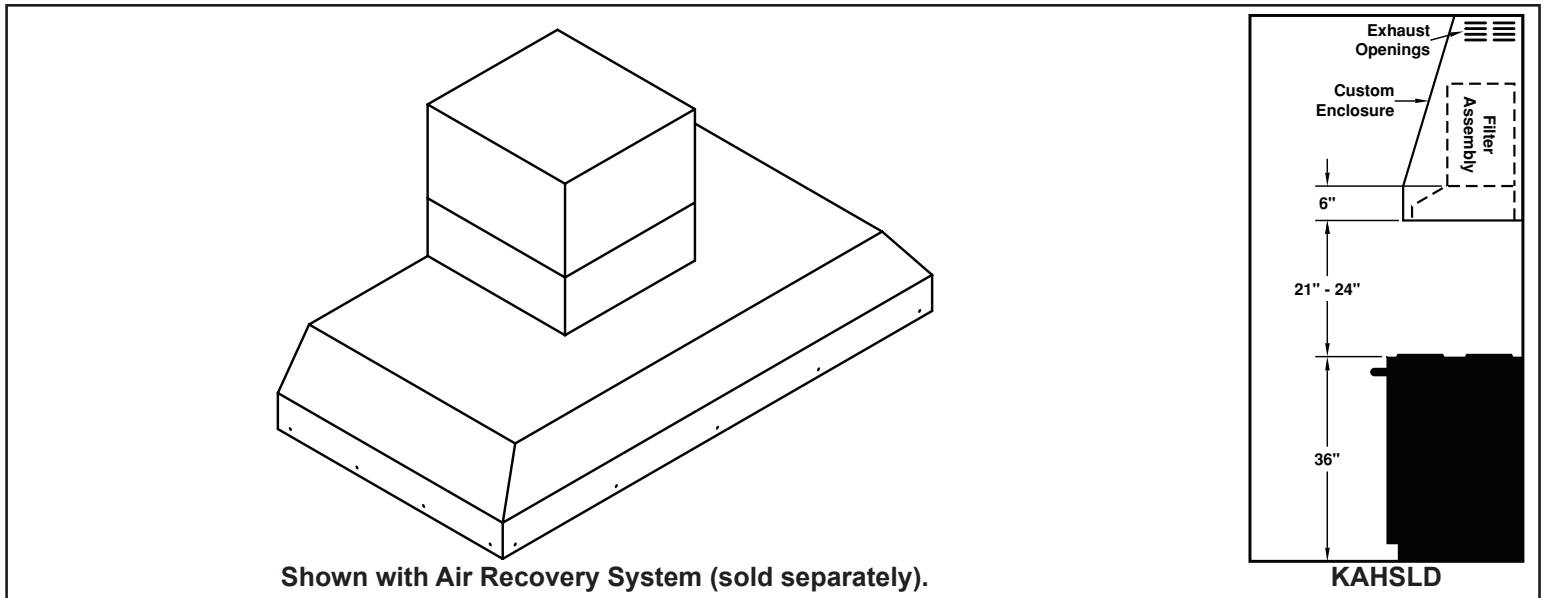
## Installation Details

- 1) Read all instructions thoroughly before beginning installation. Note: These instructions apply to standard hoods only. Custom hoods may require additional specification consideration.

**NOTE:** For optimum performance, the Air Recovery System (ARS) filter assembly will require routine maintenance. In order to accommodate this requirement, the enclosure must be constructed with at least one removable outside panel that is large enough to remove the filter assembly or assemblies.

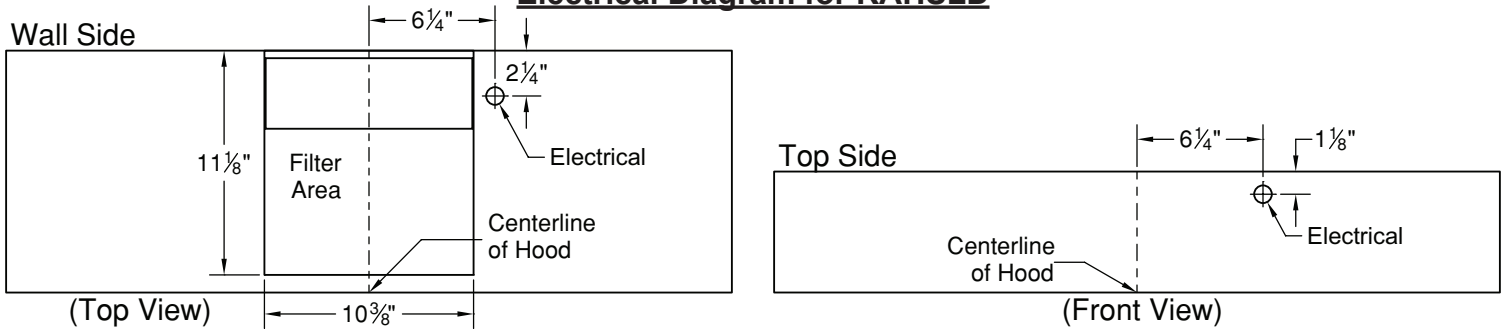
**NOTE:** This is a recirculating product which means that there must be openings for the reclaimed air to re-enter the room upon exiting the filter assembly. A minimum of 25 sq. in. of exhaust opening space per blower/filter assembly, located above the filter assembly outlet (top), is required for proper air recirculation.

- 2) When installing a wall mount liner insert ARS, it is recommended that the bottom edge of the enclosure be located 21" – 24" above the cooking surface for optimum performance.



- 3) Remove the liner from the packaging and place it underneath the enclosure (previously installed).

### Electrical Diagram for KAHSLD



### Electrical/Mechanical Specifications For Blower Units

Model	Volts	Amps	Hz
K250	115	3.5	60

# Vent Hood®

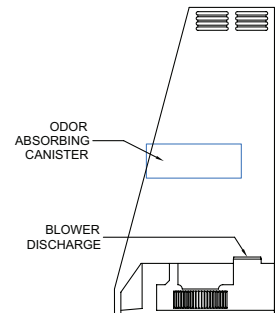
## Installation Details Continued

**Warning: Make sure power is off and locked at the service disconnecting means on the service panel during installation.**

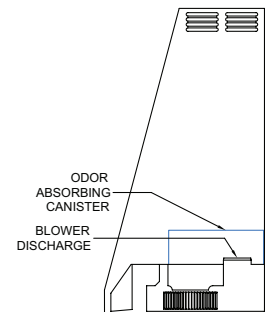
- 4) Remove the electrical enclosure cover (1 screw) and the top electrical knockout from the liner. Install an appropriate 1/2" UL listed electrical wire clamp through the electrical knockout. Install electrical wiring from the service panel to the liner location. Extend wire to 18" above the countertop. Electrical connection will occur after the liner is installed in the enclosure. Consult the connection diagrams (on previous page) for further details on electrical placement.
- 5) Lift the liner up into the enclosure flushing the bottom edges of the liner and the enclosure. Screw the liner (wood screws provided) to the enclosure through the holes along the bottom edge of the liner. Wood strips may be necessary to fill any gaps between the opening and the liner if the opening in the wood surround is larger than the liner.
- 6) By reaching through the filter access panel, insert the electrical wire through the electrical wire clamp allowing 3"- 4" of wire inside the enclosure for hookup. Tighten the electrical wire clamp.
- 7) From inside the liner, using UL listed wire nuts, attach the "neutral" wire to the white lead, the "hot" wire to the black lead, and the ground wire to the green lead inside the junction box. Replace the electrical cover previously removed in Step 4.

**Warning: Do not operate hood without proper ground connection.**

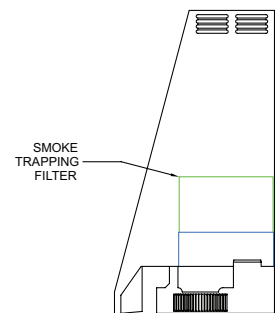
- 8) Remove the filter assembly from it's packaging. Hold the canister so that the canister bottom is just above the top of the liner insert and slide the canister into the enclosure through the access panel.



- 9) Move the canister all the way to the back and then lower the canister over the blower discharge. Shift the canister front to back and left to right to make sure that the blower discharge and canister have fully engaged.



- 10) With the gasket side facing down, nest the smoke trapping filter element into the pocket that forms the top of the odor absorbing canister. The filter may have a rectangular base so rotate as necessary. Replace the enclosure removable panel.



- 11) Refer to the Air Recovery System Owner and Maintenance Guide for proper hood operation. Test all blower and light functions to ensure they are operating properly.