



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

INSTALLATION INSTRUCTIONS

UNDER CABINET RANGE HOOD

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-A-Hood®

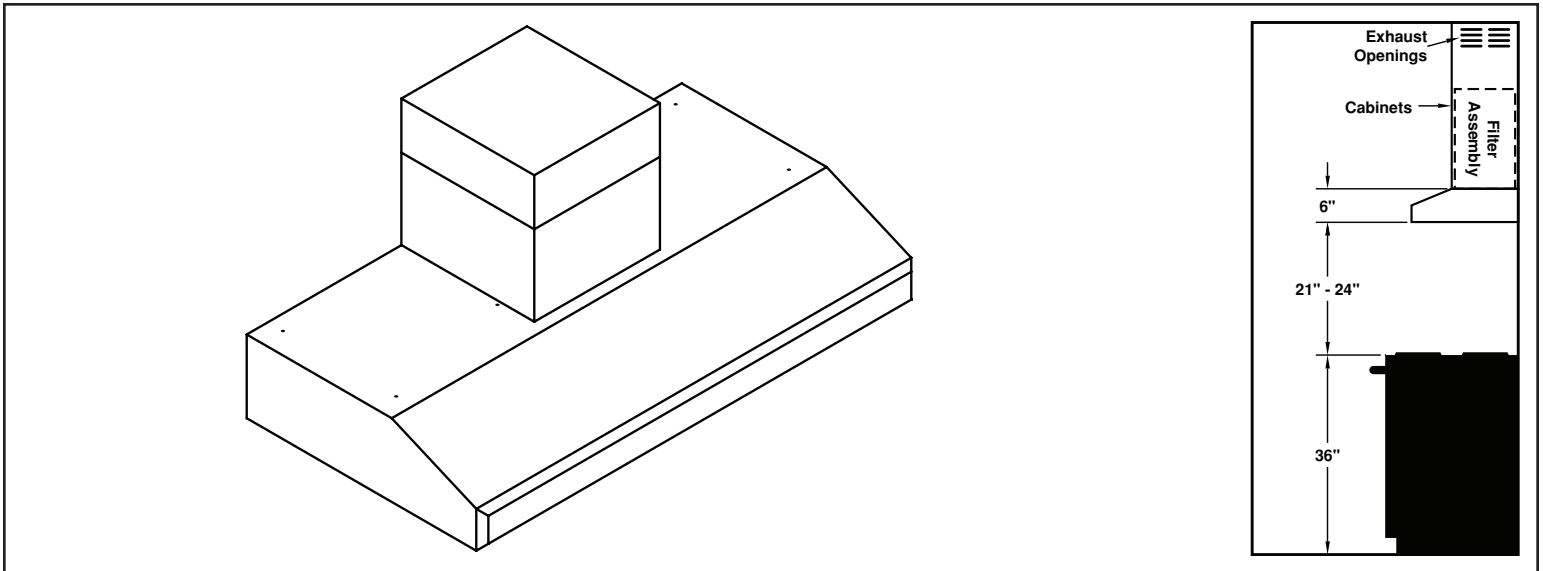
Installation Details

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

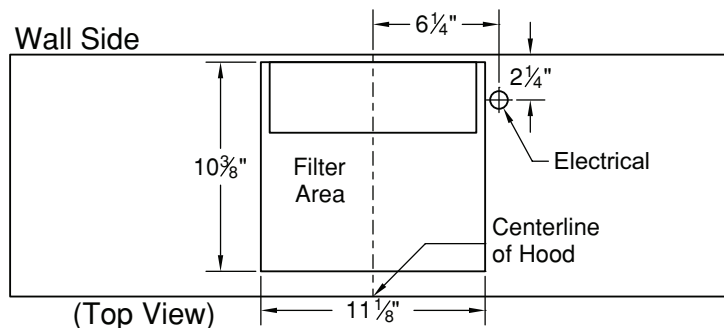
NOTE: For optimum performance, the Air Recovery System (ARS) filter assembly will require routine maintenance. In order to accommodate this requirement, the enclosure must be constructed with at least one removable outside panel that is large enough to remove the filter assembly or assemblies.

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 an ARS under cabinet range hood, it is recommended that the bottom edge of the hood be located 21" – 24" above the cooking surface for optimum performance.



- 3) Inspect the underside of the cabinet for a flush mounting surface. If the underside of the cabinet is recessed, install wood strips to provide a flush surface for the hood mounting screws to engage.
- 4) Cut openings in the base of the cabinet for the filter area footprint and electrical connection. Consult the connection diagram (below) for further details on cutout placement.



- 5) Remove the hood from its packaging and place on the floor or countertop in front of the cabinet where it will hang.

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Installation Details Continued

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

- 6) Remove the electrical enclosure cover (1 screw) and the electrical enclosure knockout from the top of hood. Install an appropriate 1/2" UL listed electrical wire clamp through the electrical knockout. Install electrical wiring from the electrical panel to the hood location. Be sure to extend the wire through the cabinet base.

Electrical/Mechanical Specifications For Blower Units

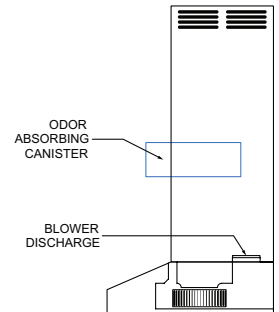
Model	Volts	Amps	Hz
K250 ARS	115	3.5	60

- 7) Insert the electrical wire through the electrical wire clamp allowing 3" - 4" of wire inside the enclosure for hookup. Tighten the electrical wire clamp.
- 8) From inside the hood, 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 6.

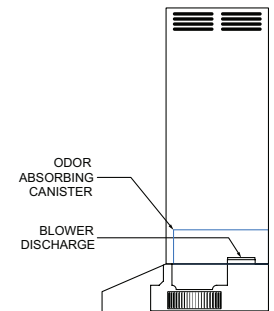
Warning: Do not operate hood without proper ground connection.

- 9) While aligning the blower outlet collar and guiding the wires, position the hood under the cabinet. The collar should protrude roughly 1" into the upper cabinet space.

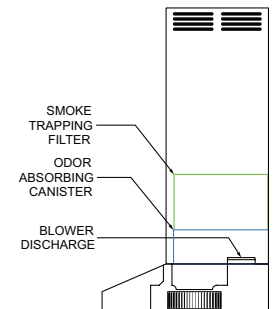
- 10) Remove the filter assembly from its packaging. Hold the canister so that the bottom is just above the top of the cabinet base and slide the canister into the cabinet through the access panel.



- 11) 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.



- 12) 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.



- 13) 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.