



## RANGE HOOD INSTALLATION INSTRUCTIONS

### Important Safety Instructions

**WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING AND USE THIS UNIT ONLY IN THE MANNER INTENDED BY THE MANUFACTURER.**

Before servicing or cleaning unit, switch off power at service panel and lock service disconnecting means to prevent power from being switched on accidentally. If the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

**CAUTION:** For general ventilating only. Do not use to exhaust hazardous or explosive materials and vapors.

**WARNING:** To reduce the risk of injury to persons in the event of a range top grease fire, observe the following:

- Always turn hood ON when cooking at high heat or when cooking flaming foods.
- Clean baffle filters frequently. Grease should not be allowed to accumulate on filter.

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

- Use metal ductwork only.
- Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire rated construction.
- 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 equipment manufacturer's guidelines 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 (ASHRE) and the local code authorities.
- Ducted fans must always vent to the outdoors. Never vent exhausts into open wall spaces, crawl spaces, attics, or garages.

### Pre-Installation Instructions

All custom hoods and liners are subject to different requirements for ducting and separation distance for maximum efficiency. To guarantee performance follow all basic rules of BTU to CFM ratings.

*To reduce the risk of electrical shock and fire damage all Range Hoods must be paired with Modern-Aire blowers as specified by all price sheets and*

*literature, and cannot be changed or substituted unless designed to do so by "The Copper Hoods CO.,". Use of an alternative blower will result in no performance guarantee and voiding of warranty.*

- Before beginning please read all instructions carefully.
- This hood is designed for consumer application, not professional restaurant applications.
- Do not remove any plates, labels, or warning tags; doing so may void warranty.
- All ventilation requires proper ducting and CFM ratings to properly vent all heat and combustible gases. To maximize efficiency and power please follow national, state, and city guidelines and codes prior to installing a Range Hood.
- Use licensed installers only, to reduce risk of damage to property and products.
- There is a risk of damage to wiring when cutting or drilling holes. Check first to locate power sources, ducting, or other utilities.
- Keep these instructions for future reference.

### Installation Instructions

#### Height of the Hood:

The recommended height for hoods is between 30" and 36" above the top of the cooking surface. The hood should never go higher than 36" above the cooking surface.

#### Prepping the Hood for Installation:

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Install correct ducting and roof cap for the blower you have chosen. Unwrap the hood. Double check ceiling, soffit, cabinets, and appliance heights to ensure the hood will fit prior to installation.

**Electrical Supply:**

Power should be 120 VAC cable from the service panel. See hood and blower specs for maximum amp requirements. Power requirements will depend on the size and number of blowers used with the hood.

**Installing Canopy Hood:**

Center the canopy in space and attach to the wall. Secure the hood with mounting screws, driven into framing. Make sure to use all necessary mounting hardware to secure the canopy to the wall. Use two people whenever possible to avoid bodily harm, damage to the hood, and for accurate alignment of all holes.

**Installing Ducting and Duct Covers:**

First run proper sized ducting (steel) from external exhaust point back to installation spot to ensure a minimum of CFM loss. For maximum CFM a straight duct run will perform the best; the fewer elbows and angles, the better. Tape all joints to keep duct run airtight. Make sure this area you have chosen is designed to support at least 200-300 lbs. Depending on the size and weight of your hood this may require extra support. The last step will be to install your blower inside the hood. Most wall duct covers attach to hood after it goes in place; use duct cover to space hood from ceiling or soffit, first.

**Ducting for Blowers:**

It is important when installing a hood to only use rigid metal ducting. In many states it is against code to use plastic ducting. Every city and state code is different, but for maximum efficiency and to help prevent fire in your home, use metal ducting.