



Ventilation – Frequently Asked Questions

Q1. How powerful should the blower be for my hood installation?

A1. The size of the blower, which is rated in cubic feet of air moved per minute (CFM), is a function of what size/ type of cooking surface the hood will be installed over, where it is installed and your cooking habits. If your cooktop or range is going to be installed against a wall, you want to at least match the width of the hood with the cooking surface. The height of the hood and the blower all help in the performance equation, with taller hoods providing a better capturing area than hoods that are 10" or less. If your cooktop or range will be installed in an island, your hood should be at least 6" wider than the cooking surface and you will need a stronger blower to properly extract fumes, grease and smoke.

A good rule-of-thumb is to assume that you will need a minimum of 1 CFM for every 100 – 120 BTU's heat output (gas surfaces) [100 BTU = 29 watts] This becomes your starting point for sizing the blower and should increase based on installation parameters (# of bends/elbows, distance of duct run, etc), your cooking habits or if you cooktop has a grill. If you do a lot of high heat cooking or want to get the odors extracted from spicy or high odor foods (like curry or fish), you will need more CFM rather than the minimum. Wind Crest recommends a minimum of 640 CFM over our gas or electric cooktops, but offers blowers as powerful as 1500 CFM.

Q2. Where is a remote blower mounted?

A2. A remote blower is mounted on the exterior of your house. You can mount the blower on an exterior wall or roof. Remote blowers tend to be oversized, with an approximate footprint of 30" x 24", so please take this into account when deciding the best location to install.

Q3. Can I exhaust my wall-mounted hood through the back, the top or both?

A3. All Wind Crest "X" Series hoods can be exhausted through the top or the rear. The WPX style hood allows for top or rear exhaust with the VEN060I, VEN100E or the VEN150E blowers. The VEN120I internal blower can be used in the WPX, but only when vented through the top.

Q4. Are there any restrictions when using the VEN120I (1200 CFM) internal blower?

A4. The VEN120I works only in "X" Series semi-custom hoods that are 36" wide or wider. The top of the WPX series hoods are very narrow, so the VEN120I can only be used in styles **that do not** have heat lamps and it can only be vented through the top.

Q5. Do any ducting transitions come with Wind Crest hoods or blowers?

A5. Wind Crest offers a variety of installation transitions, all of which are determined based on the blower installed. So, no, none of the Wind Crest Semi-Custom hoods are shipped with a transition. The only blower that comes with a transition is the VEN120I (part # 11257). All transitions offered by Wind Crest are shown on the Quick Specs, under the "Ventilator Options" tab at: www.windcrestcnp.com.

Q6. Does Wind Crest offer Ventilation hoods that can be used outdoors over a Grill?

A6. All Wind Crest semi-custom hoods are constructed with 304 series stainless steel and are UL listed for damp, semi-covered installations. All of our non-painted, (stainless steel or stainless with a polished accent) finishes can be installed both indoors and outdoors.

Q7. My builder mentioned that I will need "make-up air" for our new hood. How do I plan for this?

A7. Make-up air replaces the air exhausted from the kitchen. If your home is tightly sealed the efficiency of the ventilation system is reduced. A need and means for providing make-up air should be identified by a qualified ventilation engineer, or certified HVAC person.

Q8. Do Wind Crest hoods come in other finishes besides stainless steel?

A8. Most of our models will be available in some, if not all of these options: appliance white, pewter and essence of copper. Please refer to the specific model for the finishes offered.