



# **NOTICE OF UNDER CABINET/WALL MOUNT SPECIFICATION ADDENDUM (06/05)**

The installation specifications for the hood that you are installing or plan to install will have one of two different blower outlet configurations (round or rectangular). Please reference the appropriate specification drawings (shown below) that pertain to your specific configuration.

If there is any question as to what type of unit you will be receiving or currently have, please contact your dealer or distributor for assistance.



# Read and Save These Instructions

## All Hoods Must Be Installed By A Qualified Installer

# INSTALLATION INSTRUCTIONS

# WALL MOUNT LINER

**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. Ducted fans must always be vented to the outdoors.**
- D. 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.**

**WARNING - TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK**

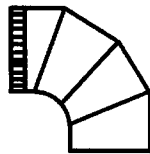
## Ducting Do's and Don'ts

**NEVER** restrict the duct size. The single blower unit (B100) requires 6" round duct or equivalent (28 square inches), and the dual blower unit (B200) requires 8" round duct or equivalent (50 square inches). When combining multiple duct runs together, the square inch area must reflect the total square inch area of the ducts being combined. Using Vent-A-Hood transitions (back page) will ensure proper efficiency.

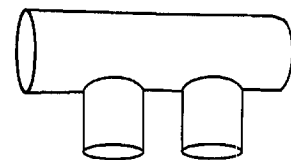
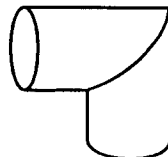
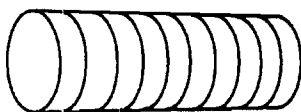
Blower	Duct Size	Sq. Inch Area	Vent-A-Hood Transition
Single (B100)	6" round or equivalent	28"	N/A
Dual (B200)	8" round or equivalent	50"	N/A
Single and Dual (B100 & B200)	10" round or equivalent	79"	VP562 (Optional)
Two Dual (Two B200s)	12" round or equivalent	113"	VP563 (Optional)

Do not use flexible or corrugated duct. This type of duct will restrict air flow and reduce performance. Only use smooth galvanized metal duct. Observe local codes regarding special duct requirements and placement of duct against combustibles. Make the duct run as short and as straight as possible with as few turns as possible. Avoid sharp angled turns. Instead, use smooth gradual turns such as adjustable elbows or 45 degree angled turns. Using Vent-A-Hood roof jacks or wall louvers (back page) will ensure proper efficiency. Air must not be restricted at the end of duct run. Do not use screen wire or spring loaded doors on wall louvers or roof jacks. Do not terminate vent into an attic or chimney. The hood must be ducted to the outdoors.

YES



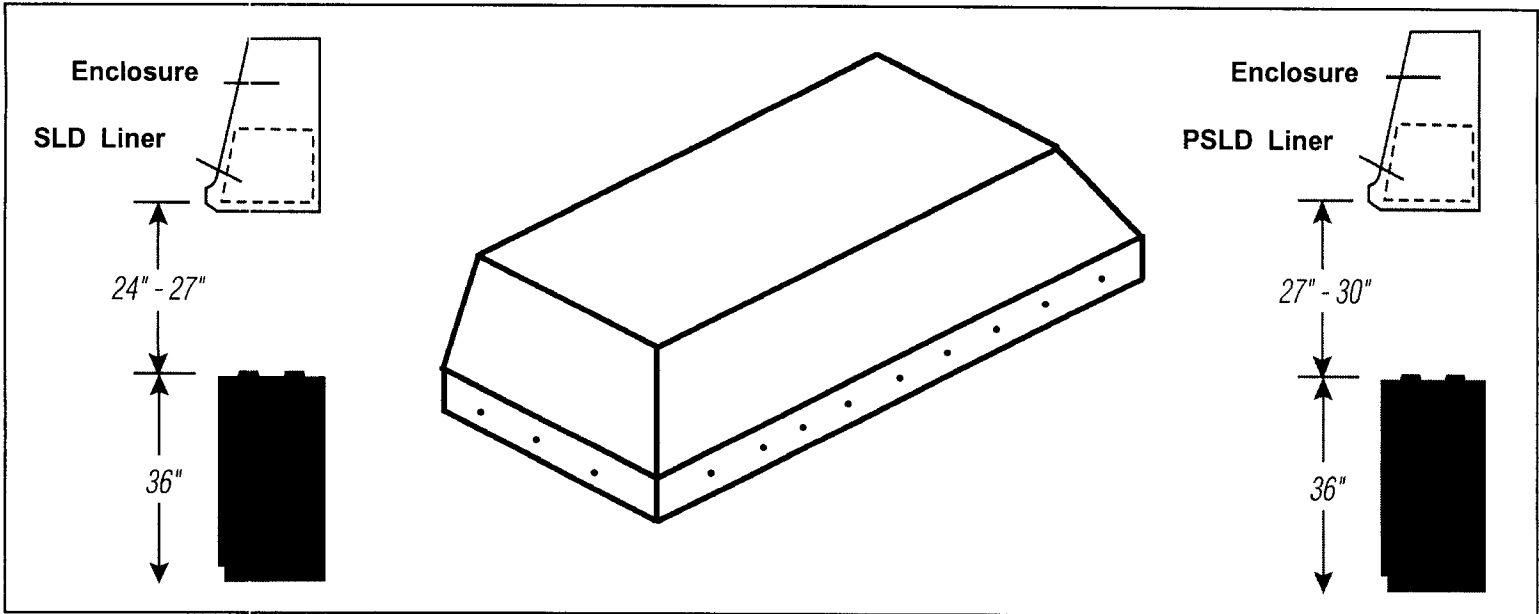
NO



# Vent-A-Hood®

## Installation Details

- 1) Read all instructions thoroughly before beginning installation.
- 2) When installing the enclosure to the wall, begin by measuring up 36" from the floor (standard countertop height). For standard SLD liner (19 1/4" deep), it is recommended that the bottom edge of the liner be positioned 24"- 27" from the countertop. For standard PSLD liner (22 1/2" deep), it is recommended that the liner be positioned 27"- 30" from the countertop. The liner should mount flush along the bottom edge of the enclosure. For custom liners, the recommended height off the cooking surface is dependent on the depth of the liner. In general, the deeper the custom liner, the higher off the cooking surface it can be, up to a maximum recommended height of 30".



- 3) Pre-install the duct from the outside of the home to the liner. Use duct tape to seal all joints. Run the duct down to the liner exhaust outlet (allowing room for transitions if necessary) plus 1" of additional duct. Consult blower outlet diagrams (next page) for position details on outlet location. A complete listing of applicable Vent-A-Hood ducting materials is included on the back page of this instruction sheet. Transition heights are as follows:

Single Blower (B100) :

6" round duct will connect directly to the top of liner.

Dual Blower (B200) :

8" round duct will connect directly to the top of liner.

Single and Dual Blower (B100 & B200):

6" round and 8" round will connect directly to the top of liner. Optional 10" round single and dual blower transition (VP562, sold separately) is 17 1/2" tall.

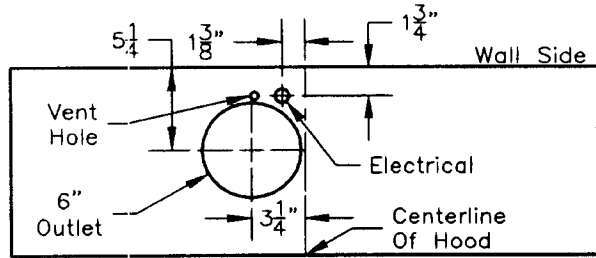
Two Dual Blowers (Two B200s):

Two 8" rounds will connect directly to the top of liner. Optional 12" round two dual blower transition (VP563, sold separately) is 16 1/2" tall.

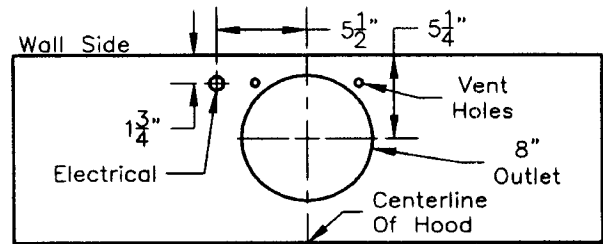
## See Next Page For Blower Outlet Diagrams

# *Vent A Hood*<sup>®</sup>

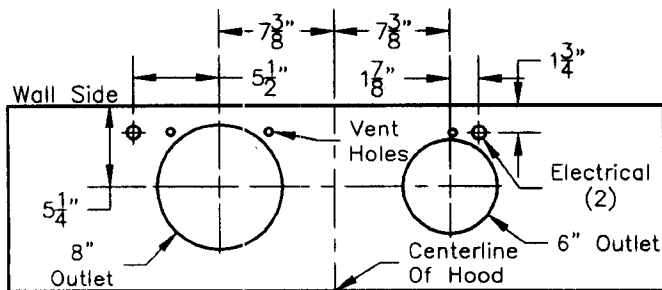
## Blower Outlet Diagrams



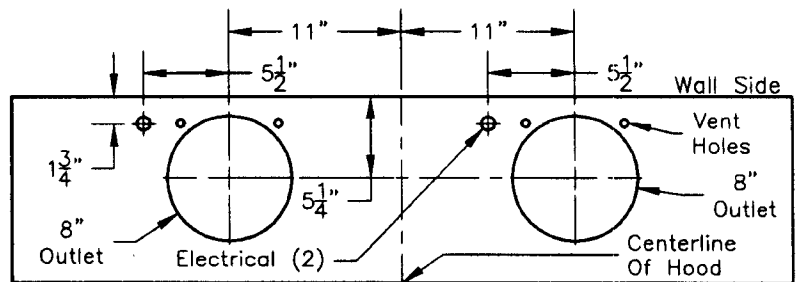
**Top View--B100 Single Blower**



**Top View--B200 Dual Blower**



**B200 Dual Blower    B100 Single Blower  
Top View**



**B200 Dual Blower    B200 Dual Blower  
Top View**

- 4) Remove liner from packaging and place underneath wood hood.
- 5) Inside of the liner, remove the set of three screws retaining the blower motor(s).
- 6) Remove and unplug the motor(s), taking care not to damage the blower wheel(s).
- 7) Connect power inside motor box at each wire outlet.
- 8) Attach ground wire to lug provided inside motor box.
- 9) Secure wires on top of the liner. Excess wire will be hidden within the enclosure.

	Volts	Amps*	Hz	RPM SP@.0"	CFM	Equivalent CFM**	CFM SP@.1	CFM SP@.2	CFM SP@.3	Minimum Round Duct Size	Duct Area Square Inches
Single (B100)	115	1.7*	60	1550	300	450	286	270	240	6"	28
Dual (B200)	115	3.4*	60	1550	600	900	572	540	480	8"	50

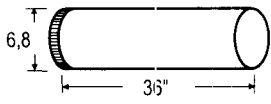
\* For each halogen light add .5 amp. For each heat lamp add 2.5 amps.

\*\*Equivalent CFM refers to the fact that the Magic Lung blower uses centrifugal filtration units, whereas others use conventional filters. Apply this guideline when comparing blower units made by other manufacturers.

- 10) While aligning duct, lift liner up into enclosure flushing bottom edges of liner and hood. Duct should connect together as liner is raised into place.
- 11) Screw liner (wood screws provided) to enclosure through holes provided along bottom edge of liner.
- 12) Plug motor(s) back into liner and reattach motor plate(s) to motor box.

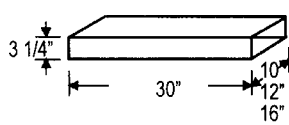
# Ducting Materials

## ROUND VENT DUCT



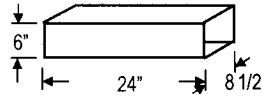
MODEL	DIM
VP500	6"
VP502	8"

## 3 1/4" RECTANGLE DUCT



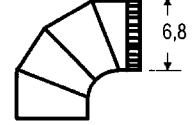
MODEL	DIM
VP504	3 1/4" X 10"
VP505	3 1/4" X 12"
VP506	3 1/4" X 16"

## 6" RECTANGLE DUCT



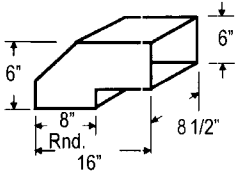
MODEL	DIM
VP507	6" X 8 1/2"

## ADJUSTABLE ELBOW



MODEL	DIM
VP513	6"
VP515	8"

## BACK/SIDE VENT ELBOW



MODEL	DIM
VP561	

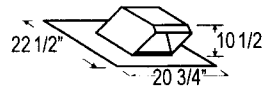
## LOW PROFILE ROOF JACK



(MAX 4/12 PITCH)

MODEL	DIM
VP539	6"
VP541	8"

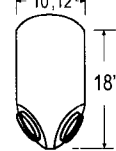
## LOW PROFILE ROOF JACK



(MAX 4/12 PITCH)

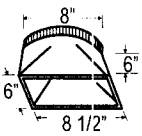
MODEL	DIM
VP552	10"
VP553	12"

## "Y" TRANSITION



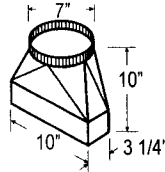
MODEL	DIM
VP517	8" X 8" - 12"
VP518	6" X 8" - 12"
VP551	6" X 8" - 10"

## WALL MOUNT TRANSITION FOR DUAL BLOWER (B200)



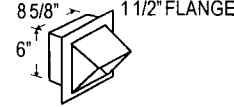
MODEL	DIM
VP519	6" X 8 1/2" - 8"

## 10 TO 7" TRANSITION



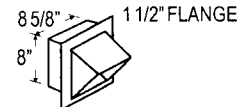
MODEL	DIM
VP521	3 1/4" X 10" TO 7"

## WALL LOUVER



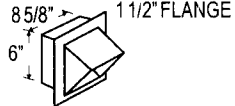
MODEL	DIM
VP526	6" ROUND

## WALL LOUVER



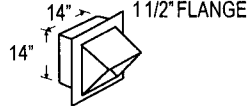
MODEL	DIM
VP528	8" ROUND

## WALL LOUVER



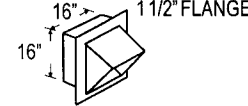
MODEL	DIM
VP538	6" X 8 1/2"

## WALL LOUVER



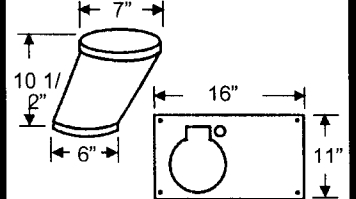
MODEL	DIM
VP554	10" ROUND

## WALL LOUVER



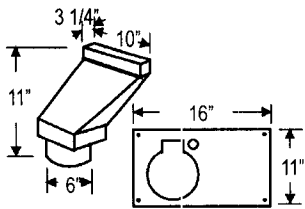
MODEL	DIM
VP555	12" ROUND

## OFFSET KIT-ROUND



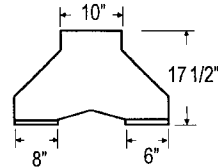
MODEL	DIM
VP529	6" TO 7"

## OFFSET KIT-RECTANGLE



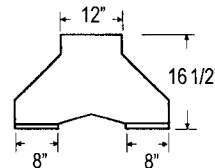
MODEL	DIM
VP550	6" TO 3 1/4" X 10"

## MULTI-BLOWER SINGLE AND DUAL BLOWERS



MODEL	DIM
VP562	10"

## MULTI-BLOWER TWO DUAL BLOWERS



MODEL	DIM
VP563	12"

# INSTALLATION INSTRUCTIONS

## WALL MOUNT LINER

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

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- D. 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.

**WARNING - TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.**

### Read and Save These Instructions

### All Hoods Should Be Installed By A Qualified Installer

#### Ducting Do's and Don'ts

**NEVER** restrict the duct size. The single blower unit (B100) requires 6" round duct or equivalent (28 square inches), and the dual blower unit (B200) requires 8" round duct or equivalent (50 square inches). When combining multiple duct runs together, the square inch area must reflect the total square inch area of the ducts being combined. When possible, use Vent-A-Hood transitions. See chart below.

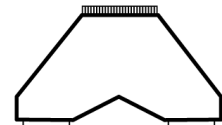
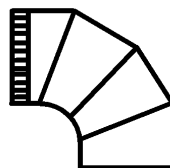
Blower	Duct Size	Square Inch Area	Vent-A-Hood Transition
Single (B100)	6" round or equivalent	28"	N/A
Dual Blower (B200)	8" round or equivalent	50"	VP519 (Included)
Single and Dual combined	10" round or equivalent	79"	VP557 (Optional)
Two Dual combined	12" round or equivalent	113"	VP558 (Optional)

Do not use flexible or corrugated duct. This type of duct will restrict air flow and reduce performance. Only use smooth galvanized metal duct. Observe local codes regarding special duct requirements and placement of duct against combustibles.

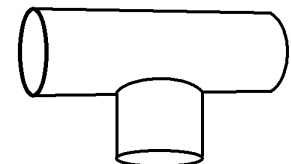
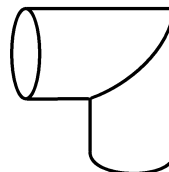
Make the duct run as short and as straight as possible with as few turns as possible. Avoid sharp angled turns. Instead, use smooth gradual turns such as adjustable elbows. For duct runs over 20 feet, increase the duct size by 1" after the first 10 feet, and for every 10 feet thereafter.

Use a Vent-A-Hood roof jack or wall louver whenever possible. Air must not be restricted at the end of duct run; do not use screen wire or spring loaded doors on wall louvers or roof jacks. Do not terminate vent into an attic or chimney. The hood must be ducted through to the outdoors.

YES

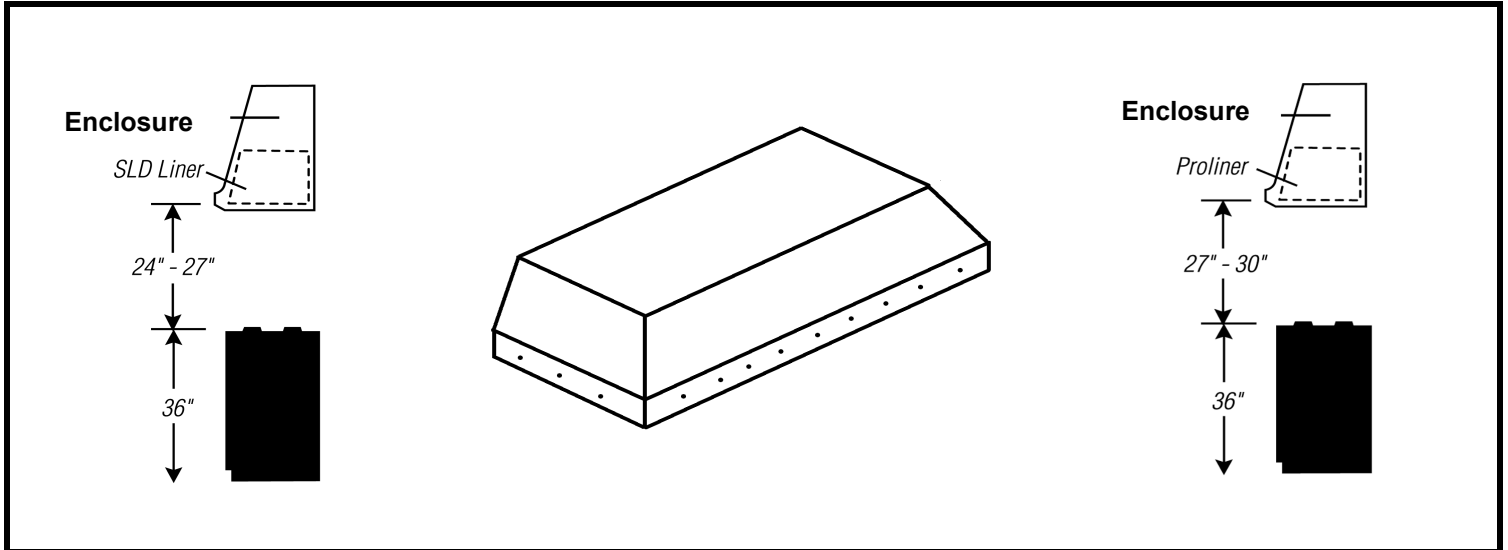


NO



# Installation Details

- 1) Read all instructions thoroughly before beginning installation.
- 2) When installing the enclosure to the wall, begin by measuring up 36" from the floor (countertop height). For standard SLD liner (19 1/4" deep), measure up 24"-27" from this point. For standard PSLD liner (22 1/2" deep), measure up 27"-30" from this point. This is where the bottom of the enclosure needs to be after mounting it to the wall. Liner will mount flush along the bottom edge of the enclosure. For custom liners, the recommended height off the cooking surface is dependent on the depth of the liner. In general, the deeper the custom liner, the higher off the cooking surface it can be, up to a maximum recommended height of 30".



- 3) Pre-install the duct from the outside of the home to the liner. Run the duct down to the liner exhaust outlet allowing room for transitions on top of the liner, if any, plus 1" to 1 1/2". Consult blower outlet diagrams for further details. A complete listing of applicable Vent-A-Hood ducting materials are listed on the back page of this instruction sheet. Transition heights are as follows:

Single Blower (B100) :

6" round duct will connect directly to the top of liner.

Dual Blower (B200) :

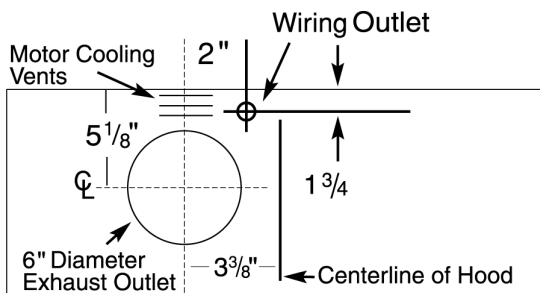
6" x 8 1/2" to 8" round transition (VP519) is 6" tall, or connect directly to the top of liner. VP519 transition is furnished in a separate carton.

Single and Dual Blower (B100 & B200):

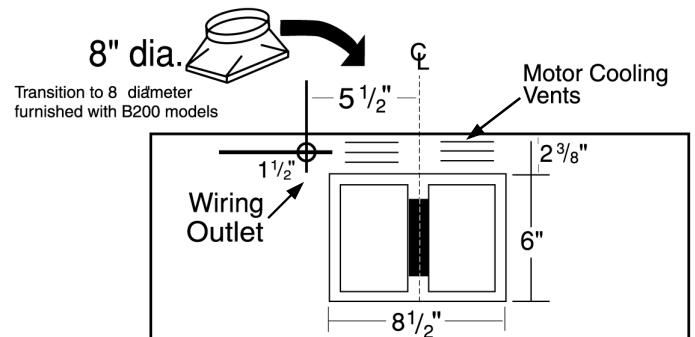
6" round will connect directly to the top of liner; 6" x 8 1/2" to 8" round transition (VP519) is 6" tall, or connect directly to the top of liner. Optional 10" round single and dual blower transition (VP557) is 17 1/2" tall. VP519 transition is furnished in a separate carton. VP557 sold separately.

Two Dual Blowers (B200 & B200):

Two 6" x 8 1/2" to 8" round transitions (VP519) are 6" tall, or connect directly to the top of liner. Optional 12" round two dual blower transition (VP558) is 16 1/2" tall. VP519 transitions are furnished in separate cartons. VP558 sold separately.



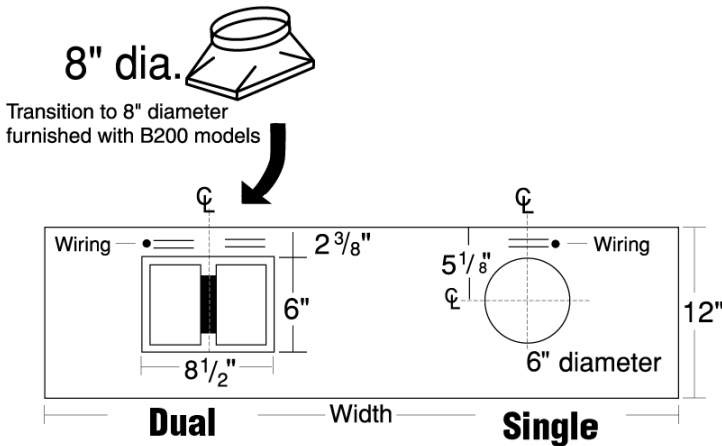
Top View-Single Blower



Top View-Dual Blower

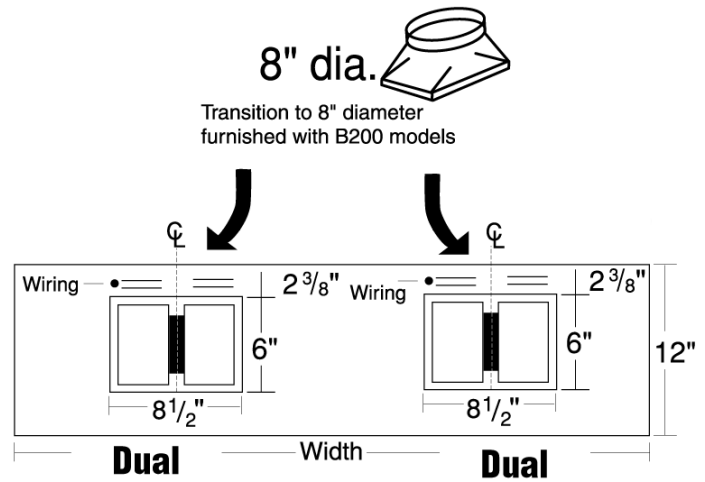
**See Next Page For Multi-Blower Outlet Diagrams**

# Installation Details Continued



**Top View– Single and Dual Blower**

Blowers are spaced 14 5/8" center to center on the top of the liner. To find the centerlines of each duct opening, find the center of the top of the liner, and measure 7 5/16" to the left, and 7 5/16" to the right.



**Top View– Two Dual Blowers**

Blowers are spaced 22" center to center on the top of the liner. To find the centerlines of each duct opening, find the center of the top of the liner, and measure 11" to the left, and 11" to the right.

- 4) Remove liner from packaging and place underneath wood hood.
- 5) Inside of the liner, remove the set of three screws retaining the blower motor(s).
- 6) Remove and unplug the motor(s), taking care not to damage the blower wheel(s).
- 7) Connect power inside motor box at each wire outlet.
- 8) Attach ground wire to lug provided inside motor box.
- 9) Secure wires on top of the liner. Excess wire will be hidden within the enclosure.

	Volts	Amps	Hz	RPM	CFM SP@.0"	Equivalent CFM**	CFM SP@.01	CFM SP@.02	CFM SP@.03	Minimum Round Duct Size	Duct Area Square Inches
Single (B100)	115	1.7*	60	1550	300	450	286	270	240	6"	28
Dual (B200)	115	3.4*	60	1550	600	900	572	540	480	8"	50

\*Add 1.0 additional amp for each halogen bulb.

\*\*Equivalent CFM explained in the checklist on page 14 of literature.

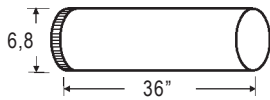
- 10) While aligning duct, lift liner up into enclosure flushing bottom edges of liner and hood. Duct should connect together as liner is raised into place.
- 11) Screw liner (wood screws provided) to enclosure through holes provided along bottom edge of liner.
- 12) Plug motor(s) back into liner and reattach motor plate(s) to motor box.

**This instruction sheet is intended to present a generic method of installation to cover as many different types of installations as possible. Your installation may vary.**

Vent-A-Hood PO Box 830426 1000 North Greenville Avenue Richardson Texas 75083-0426  
972-235-5201 customer\_service@ventahood.com

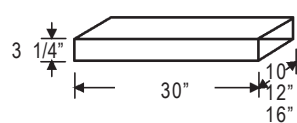
# Ducting Materials Available from Vent-A-Hood

## ROUND VENT DUCT



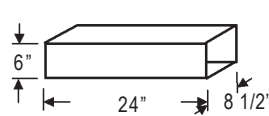
MODEL	DIM
VP500	6"
VP502	8"

## 3 1/4" RECTANGLE DUCT



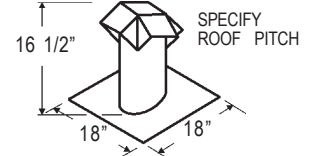
MODEL	DIM
VP504	3 1/4" X 10"
VP505	3 1/4" X 12"
VP506	3 1/4" X 16"

## 6" RECTANGLE DUCT



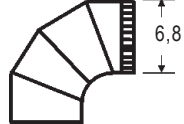
MODEL	DIM
VP507	6" X 8 1/2"

## ROOF JACK



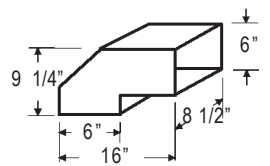
MODEL	DIM
VP508	6"
VP510	8"

## ADJUSTABLE ELBOW



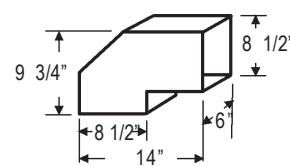
MODEL	DIM
VP513	6"
VP515	8"

## BACK VENT ELBOW



MODEL	DIM
VP547	

## SIDE VENT ELBOW



MODEL	DIM
VP548	

## LOW PROFILE ROOF JACK



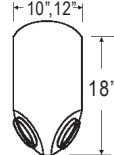
MODEL	DIM
VP539	6"
VP541	8"

## LOW PROFILE ROOF JACK



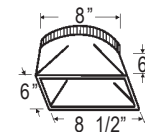
MODEL	DIM
VP552	10"
VP553	12"

## "Y" TRANSITION



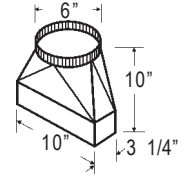
MODEL	DIM
VP517	8" X 8" - 12"
VP518	6" X 8" - 12"
VP551	6" X 8" - 10"

## WALL MOUNT TRANSITION FOR DUAL BLOWER (B200)



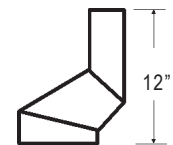
MODEL	DIM
VP519	6" X 8 1/2" - 8"

## 10 TO 6 TRANSITION



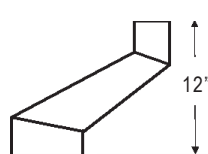
MODEL	DIM
VP520	3 1/4" X 10" TO 6"

## TO WALL TRANSITION



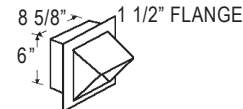
MODEL	DIM
VP522	6" X 8 1/2" TO 3 1/4" X 12"
VP523	6" X 8 1/2" TO 3 1/4" X 16"

## IN WALL TRANSITION



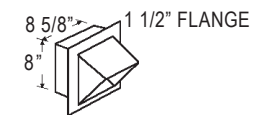
MODEL	DIM
VP524	6" X 8 1/2" TO 3 1/4" X 12"
VP525	6" X 8 1/2" TO 3 1/4" X 16"

## WALL LOUVER



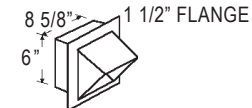
MODEL	DIM
VP526	6" ROUND

## WALL LOUVER



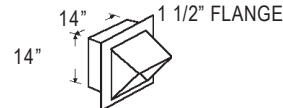
MODEL	DIM
VP528	8" ROUND

## WALL LOUVER



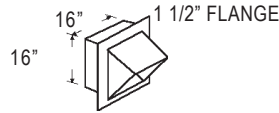
MODEL	DIM
VP538	6" X 8 1/2"

## WALL LOUVER



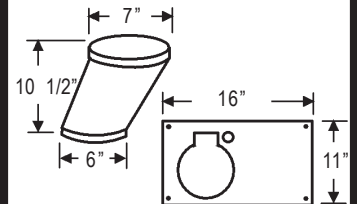
MODEL	DIM
VP554	10" ROUND

## WALL LOUVER



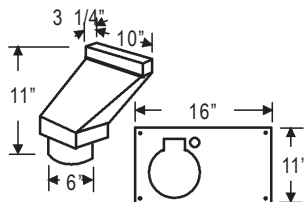
MODEL	DIM
VP555	12" ROUND

## OFFSET KIT-ROUND



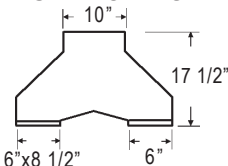
MODEL	DIM
VP529	6" TO 7"

## OFFSET KIT-RECTANGLE



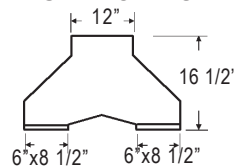
MODEL	DIM
VP550	6" TO 3 1/4" X 10"

## MULTI-BLOWER SINGLE AND DUAL BLOWERS



MODEL	DIM
VP557	10"

## MULTI-BLOWER TWO DUAL BLOWERS



MODEL	DIM
VP558	12"