Vent-A-Hood®

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

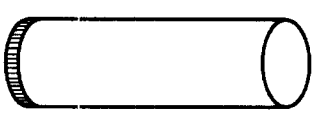
Ducting Do's and Don'ts

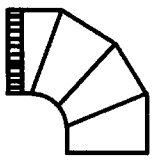
NEVER restrict the duct size. The single blower unit (B100) requires 6" round duct or equivalent (28 square inches), and the dual blower unit (B200) requires 8" round duct or equivalent (50 square inches). When combining multiple duct runs together, the square inch area must reflect the total square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

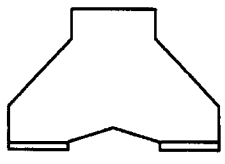
Blower	Duct Size	Sq. Inch Area	Vent-A-Hood Transition
Single (B100)	6" round or equivalent	28"	N/A
Dual (B200)	8" round or equivalent	50"	N/A
Single and Dual (B100 & B200)	10" round or equivalent	79"	VP562 (Optional)
Two Dual (Two B200s)	12" round or equivalent	113"	VP563 (Optional)

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







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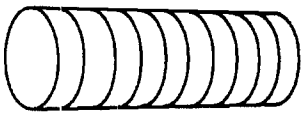
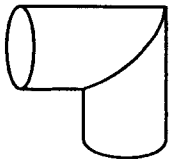
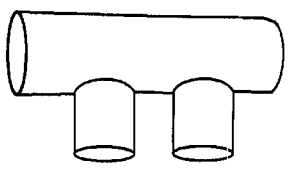


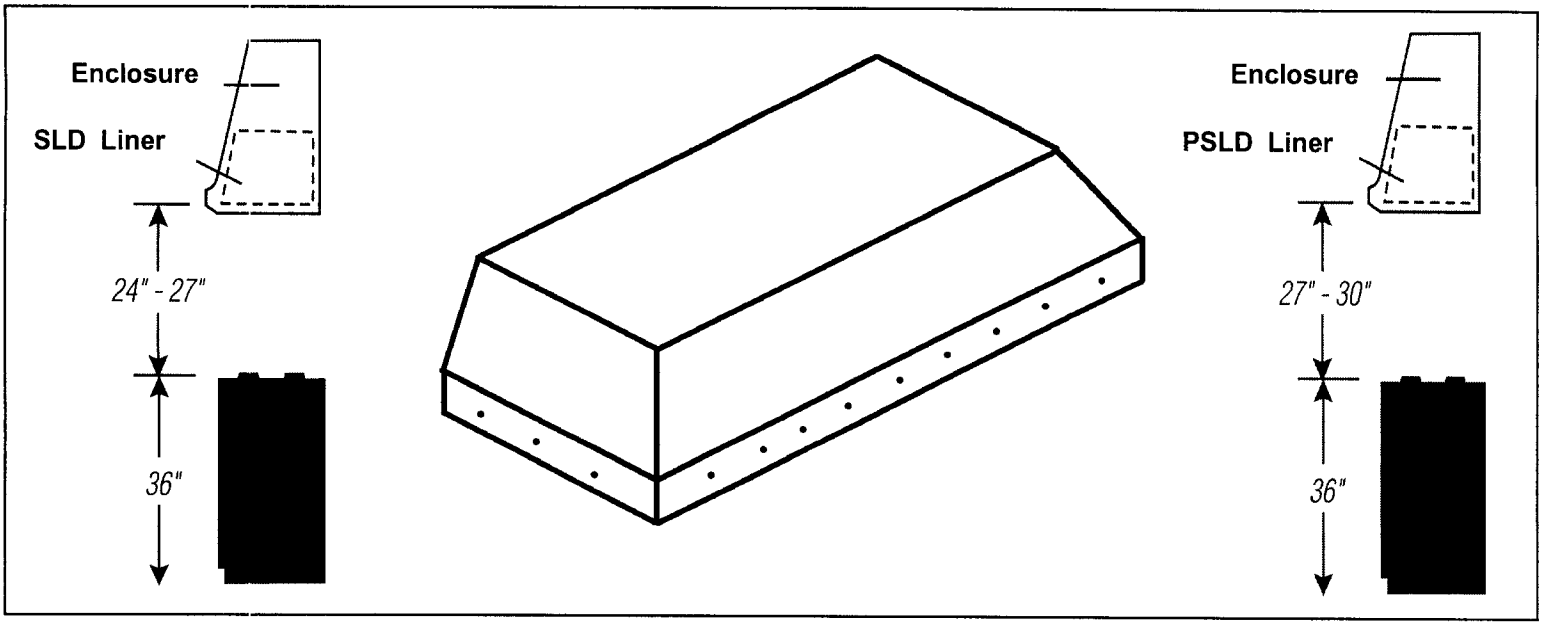




Vent-A-Hood®
Installation Details

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".



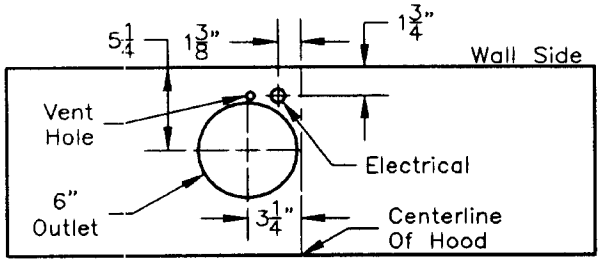
3) Pre-install the duct from the outside of the home to the liner. Use duct tape to seal all joints. Run the duct down to the liner exhaust outlet (allowing room for transitions if necessary) plus 1" of additional duct. Consult blower outlet diagrams (next page) for position details on outlet location. 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 ½" 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 ½" tall.

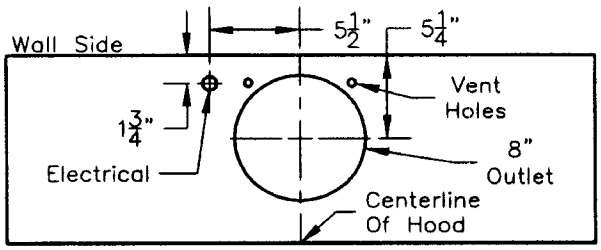
See Next Page For Blower Outlet Diagrams

VentAHood®

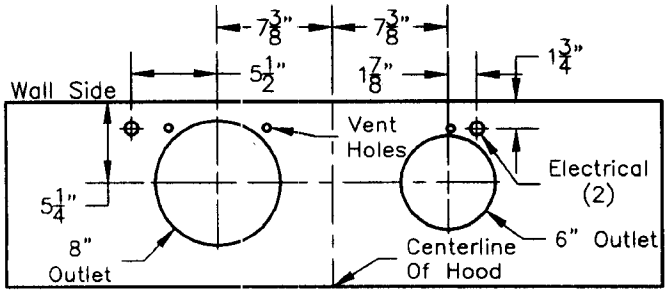
Blower Outlet Diagrams



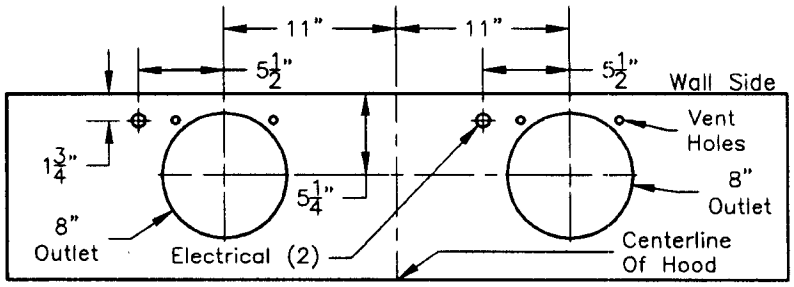
Top View--B100 Single Blower



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.**

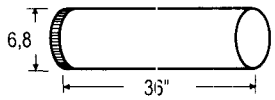
10) While aligning duct, lift liner up into enclosure flushing bottom edges of liner and hood. Duct should connect together as liner is raised into place.

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.

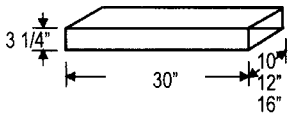
Ducting Materials

ROUND VENT DUCT



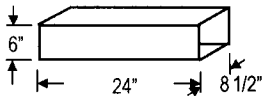
MODEL	DIM
VP500	6"
VP502	8"

3 1/4" RECTANGLE DUCT



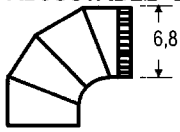
MODEL	DIM
VP504	3 1/4" X 10"
VP505	3 1/4" X 12"
VP506	3 1/4" X 16"

6" RECTANGLE DUCT



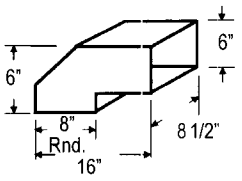
MODEL	DIM
VP507	6" X 8 1/2"

ADJUSTABLE ELBOW



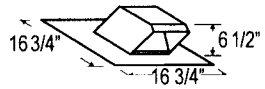
MODEL	DIM
VP513	6"
VP515	8"

BACK/SIDE VENT ELBOW



MODEL
VP561

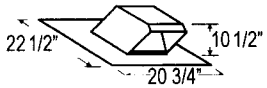
LOW PROFILE ROOF JACK



(MAX 4/12 PITCH)

MODEL	DIM
VP539	6"
VP541	8"

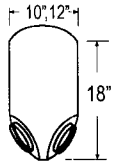
LOW PROFILE ROOF JACK



(MAX 4/12 PITCH)

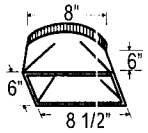
MODEL	DIM
VP552	10"
VP553	12"

"Y" TRANSITION



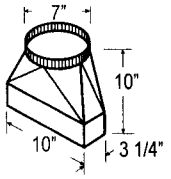
MODEL	DIM
VP517	8" X 8" - 12"
VP518	6" X 8" - 12"
VP551	6" X 8" - 10"

WALL MOUNT TRANSITION FOR DUAL BLOWER (B200)



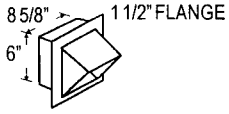
MODEL	DIM
VP519	6" X 8 1/2"-8"

10 TO 7 TRANSITION



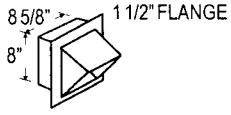
MODEL	DIM
VP521	3 1/4"X10" TO 7"

WALL LOUVER



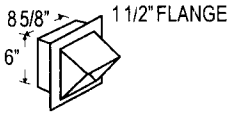
MODEL	DIM
VP526	6" ROUND

WALL LOUVER



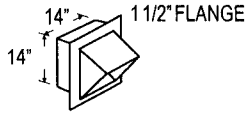
MODEL	DIM
VP528	8" ROUND

WALL LOUVER



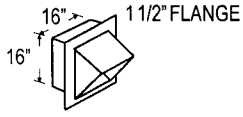
MODEL	DIM
VP538	6" X 8 1/2"

WALL LOUVER



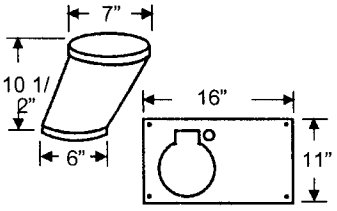
MODEL	DIM
VP554	10" ROUND

WALL LOUVER



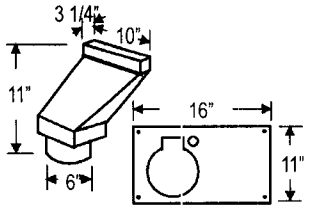
MODEL	DIM
VP555	12" ROUND

OFFSET KIT-ROUND



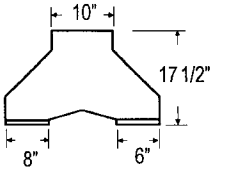
MODEL	DIM
VP529	6" TO 7"

OFFSET KIT-RECTANGLE



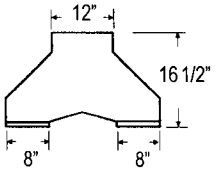
MODEL	DIM
VP550	6"TO 3 1/4" X 10"

MULTI-BLOWER SINGLE AND DUAL BLOWERS



MODEL	DIM
VP562	10"

MULTI-BLOWER TWO DUAL BLOWERS



MODEL	DIM
VP563	12"