

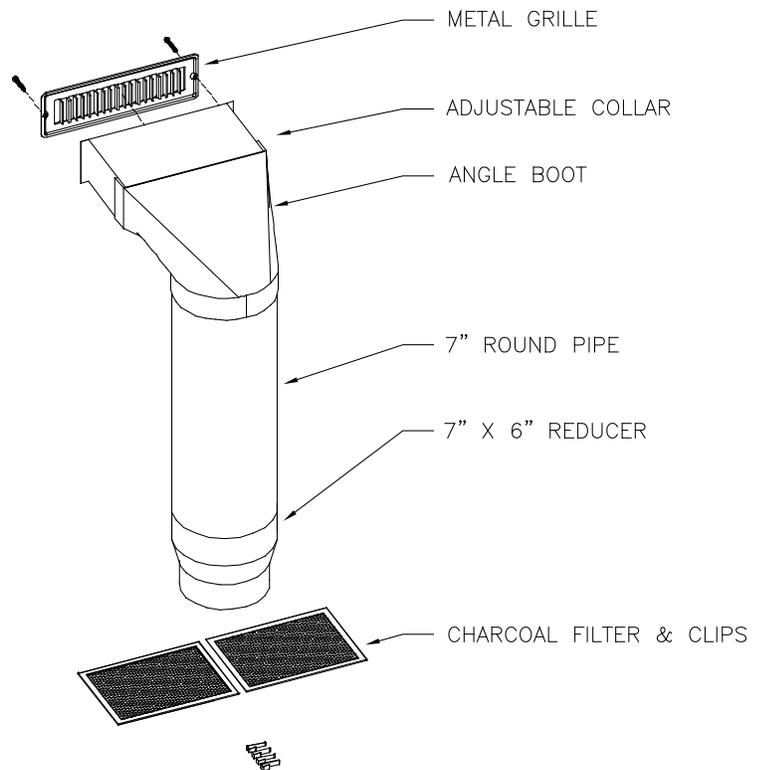
Omega National

P R O D U C T S

INTERIOR DUCTWORK KIT

90359DUC1

To be used with Omega National Products, LLC
RHVBB30SS Blower



1. Install blower in metal liner (sold separately) following instructions provided .
2. Install charcoal filters into blower (see instructions packaged with filters).
3. Place 6" end of reducer, over the blower fan collar and secure in place.
4. Place the non-crimped end of the 7" round pipe over the reducer. Seal and secure.
5. Place angle boot over the crimped end of the round pipe. Seal & secure.
6. Trim adjustable collar to fit application.
7. Mark and cut 3" x 10" hole for the Metal Grille. Seal and secure collar to angle boot and position over existing hole.
8. Position metal grille on face of chimney or soffit and secure with screws provided.



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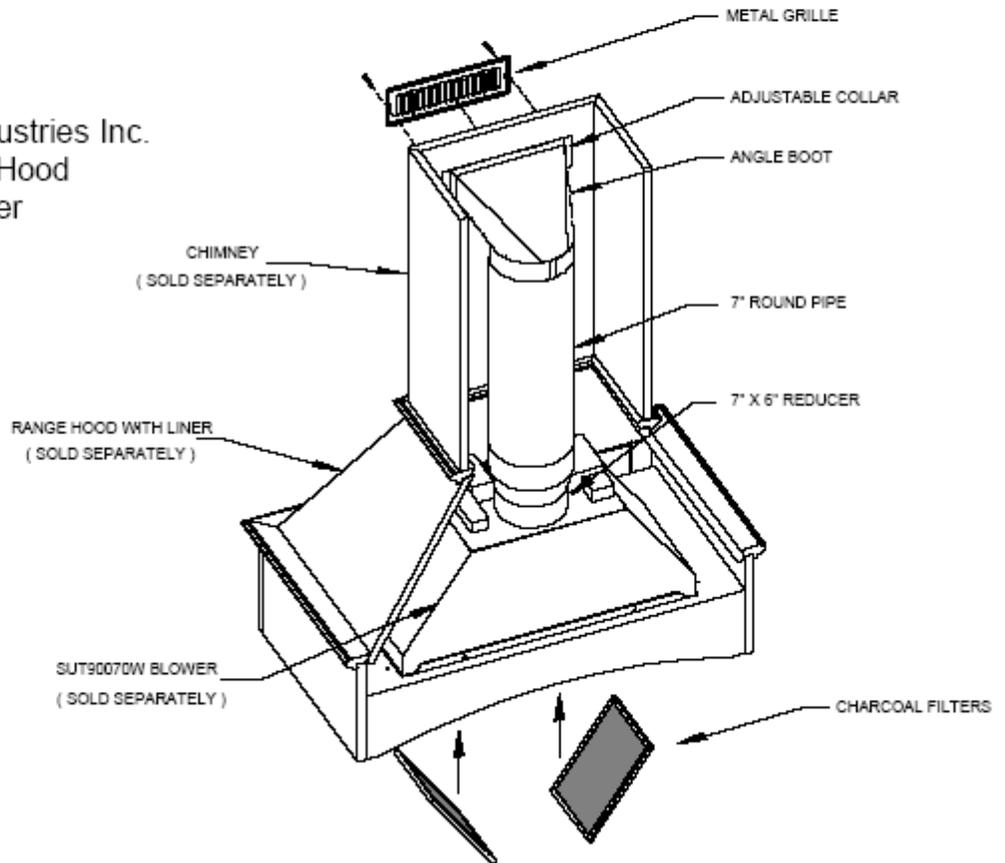


Omega National
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INTERIOR DUCTWORK KIT

90356DUC1

To be used with Omega Industries Inc.
Wall Mounted Range Hood
SUT90070W Blower



1. Install SUT90070W blower to metal liner (both sold separately) following instructions .
2. Install charcoal filters (provided with kit) into blower behind existing filters..
3. If grille height location in chimney is different than the pipe and angle boot assembly when mounted on blower, measure and cut pipe to length before assembly.
4. Place 6" end of reducer over the blower fan collar and secure in place.
5. Place the non-crimped end of the 7" round pipe over the reducer. Seal and secure.
6. Place angle boot over the crimped end of the round pipe. Seal & secure.
7. Measure the distance from the angle boot to the chimney. Trim adjustable collar long enough to mount flush on the chimney wall and fit over the angle boot as needed.
8. Mark and cut 3" x 10" hole in chimney face in line with the adjustable collar. Seal and secure collar to angle boot and position over existing hole. Screw collar to chimney. Avoid running screws through chimney wall.
9. Position metal grille on face of chimney and secure with screws provided.

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Ductwork Planning Guide

General Information:

- The ductwork transports air born pollutants, moisture and very importantly heat out of the building.
- In addition to good ductwork planning and installation, it is vitally important that your fat filter is washed on a regular basis.
- The length of ductwork and the number of elbows should be kept to a minimum in order not to degrade the efficiency of your range hood.
- Use duct tape to seal all joints and do not use flexible ducting as this not only creates air turbulence but also provides pockets for moisture and fat residue to condense - this poses a serious fire and health hazard . Flexible ducting effectively double all of the **EL's** below.
- Do not under any circumstances use plastic dryer ducting or 4" vent caps

Worksheet for calculating the Effective Duct Length

Duct Components	EL*	Q*	TEL*
 6" Round Straight	1		
 3- 1/4" x 10" Straight	1		
 6" 90 deg Elbow	15		
 6" 45 deg Elbow	9		
 3- 1/4" x 10" 90 deg Elbow	15		
 3- 1/4" x 10" 45 deg Elbow	9		
 3- 1/4" x 10" 90 deg Flat Elbow	20		
 6" round to 3- 1/4" x 10" transition	1		
 3- 1/4" x 10" to 6" round transition	5		
 6" round to 3- 1/4" x 10" 90 deg transition	5		
 3- 1/4" x 10" to 6" round transition elbow	15		
 6" round wall cap damper	30		
 3 1/4"x10" wall cap damper	30		
 Round roof cap	26		
 Round roof vent	24		

Legend:

EL* = Effective Length:
By assigning a penalty value to a particular fitting it is possible to arrive at a very good approximation of the effective length of the ducting run.

Q* = Quantity of that component used

TEL* = Total Effective Length
Multiply the EL of each component by the quantity and total the column - this should not exceed 100 ft

Your notes:

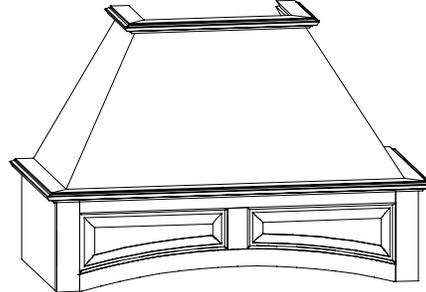
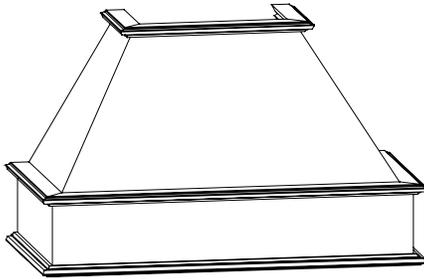
Total of all TEL's _____

Ductwork Rough Drawing:



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Wall Mounted Range Hood System

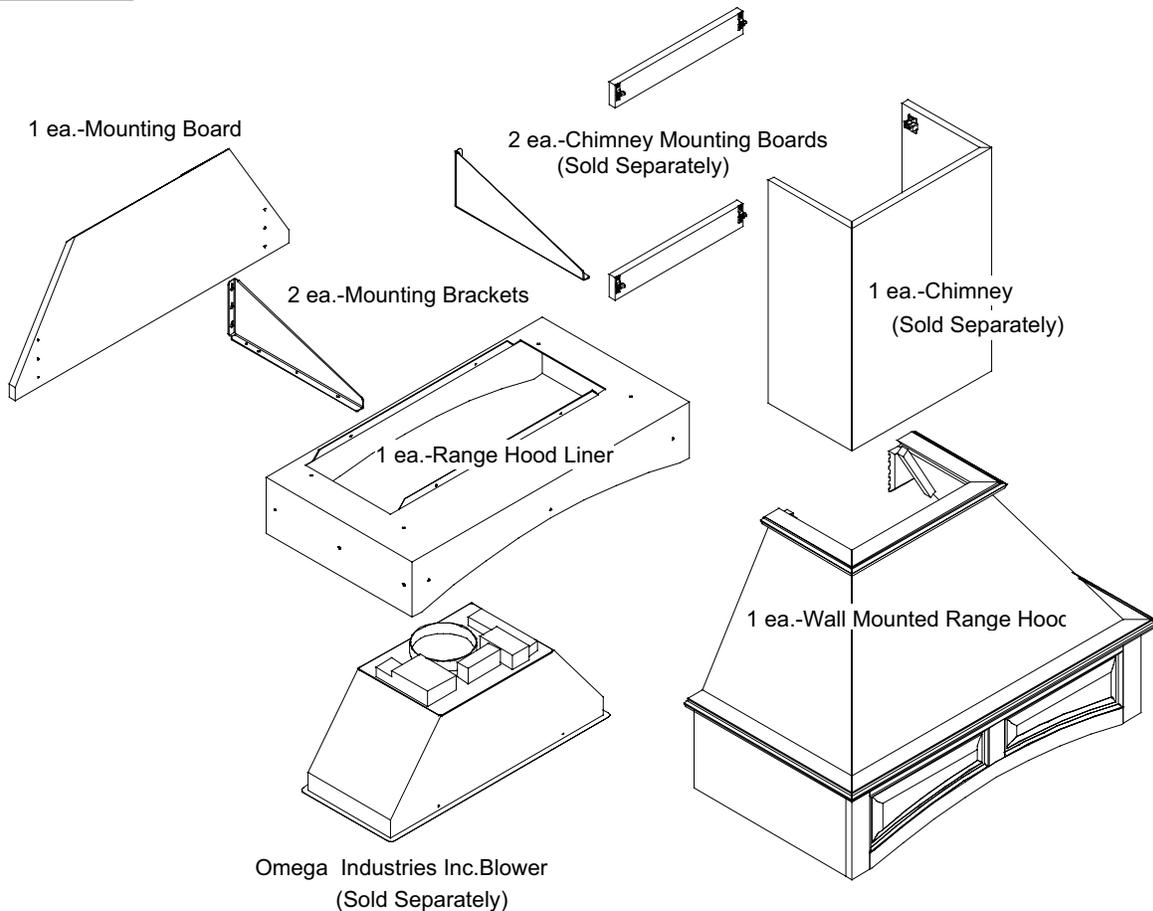


Patent Pending

Important Notes

- Always read the instructions completely and carefully before beginning assembly.
- Remove and check contents for damage and/or missing parts. Keep the original cartons and packing materials, which are required for any authorized adjustment by our dealers.
- These instructions are for reference only. Make sure installation procedures comply with all applicable building codes in your area.

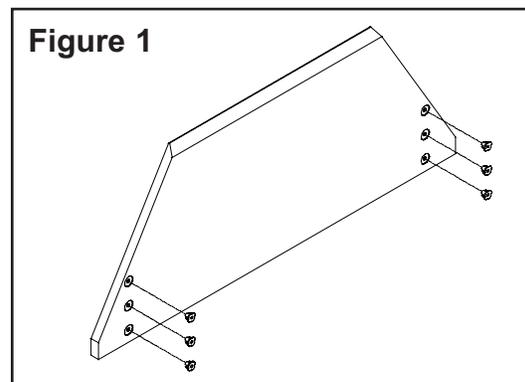
Parts List



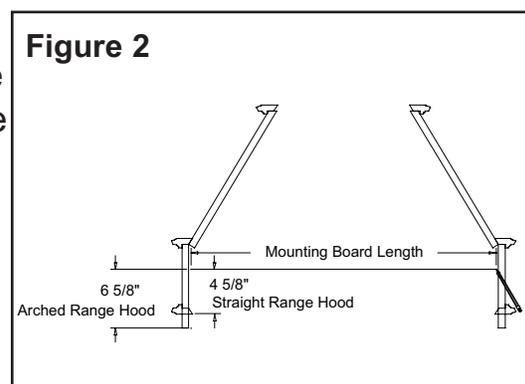
1 ea.- Hardware Pack

Assembly Instructions

Step 1: Install 6 each “T” nuts into the back of the mounting plate into the counterbored holes. Hammer them flush to the surface (See figure 1).

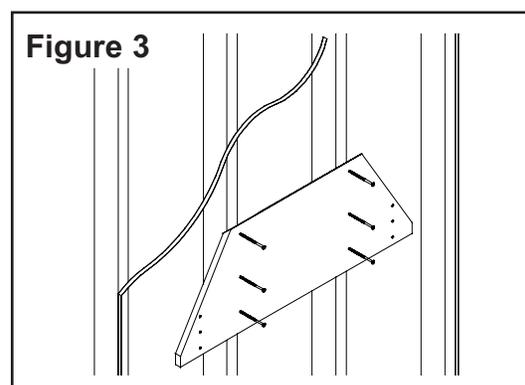


Step 2: Draw a level line on the wall centered where the Range Hood is to go 6 5/8" (Arched Range Hood) and 4 5/8" (Straight Range Hood) above where the bottom of the Range Hood will be (See figure 2). A distance of 30 inches from the stove top to the wood hood is recommended. Check local building codes and regulations for final determination.

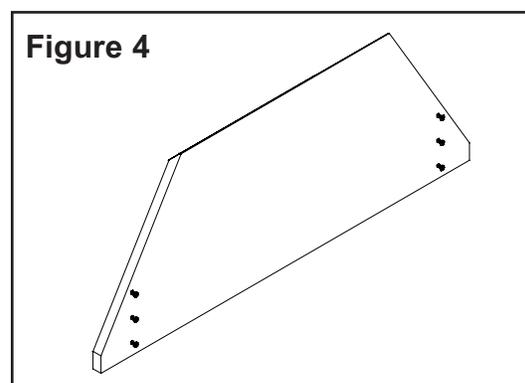


Step 3: Screw the mounting plate to the wall matching the bottom of the mounting plate to the line on the wall. Make sure to hit at least two studs and to use at least 6 screws of sufficient size and length for the application (See figure 3).

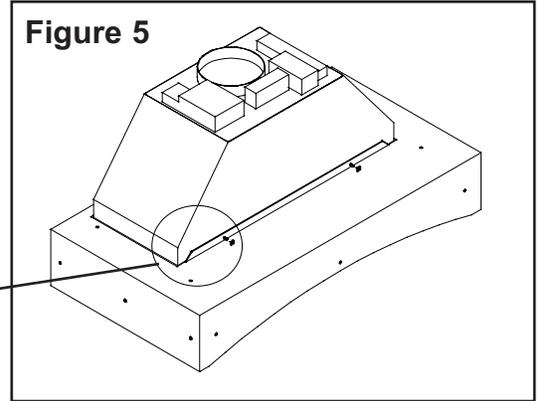
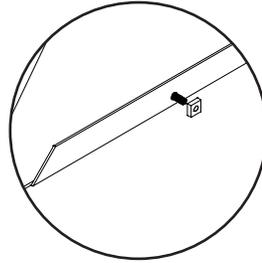
Warning: Failure to fasten this panel to studs or using the wrong screws may cause a failure of the mounting system and possible injury.



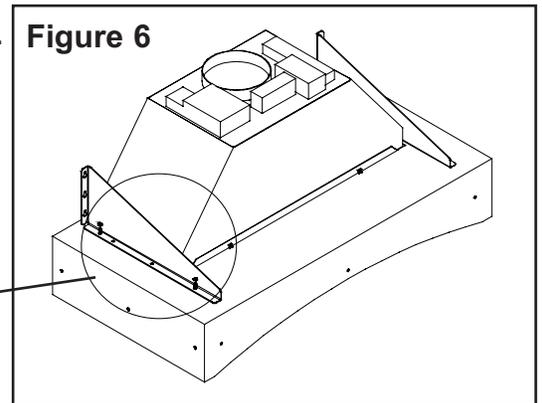
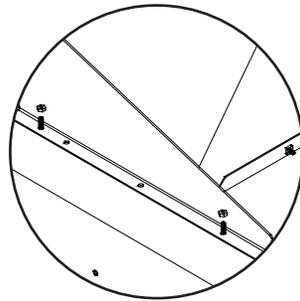
Step 4: Start 6 each 10-24 x 3/4" screws into the “T” nuts that were previously installed (See figure 4).



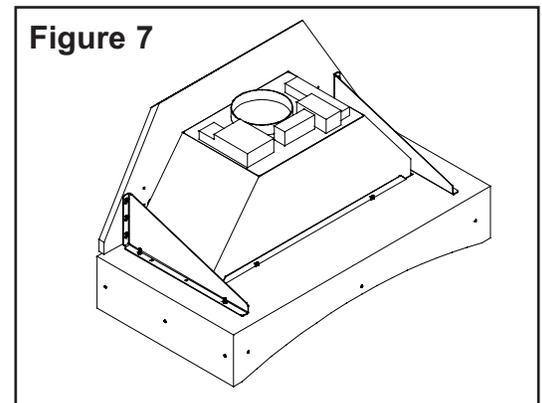
Step 5: Insert the Omega National Products Blower into the liner from below. Using the 4 holes in the side of the blower attach to the liner with 4 each 8-32 x 1/2" screws and square nuts (See figure 5).



Step 6: Fasten the Metal Mounting brackets to the liner with 4 each 10-24 x 3/4" screws and nuts. Only hand tighten these at this time (See figure 6).



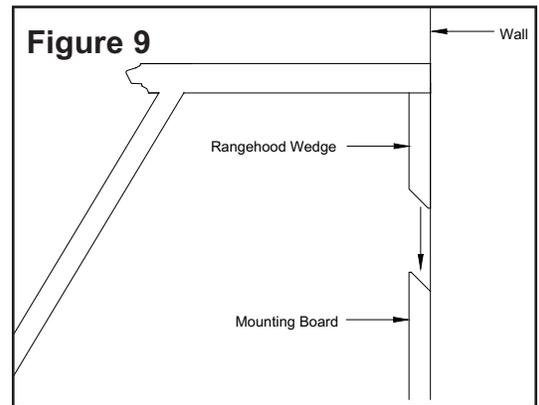
Step 7: Using help if necessary, lift the liner, Blower and mounting bracket assembly into position and hang on the screws extending from the mounting plate. Make sure the brackets are firmly seated into the key hole slot and then tighten all the screws (See figure 7).



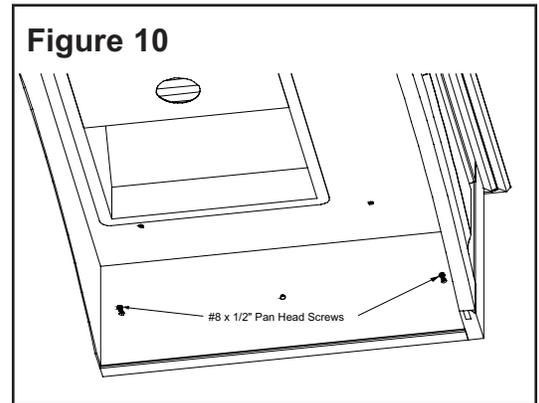
Step 8: Make all ventilation and electrical connections at this time. These must be done in accordance to all applicable building codes and requirements in your area.

If using Omega National Products Interior Ductwork Kit then see Form OME-14

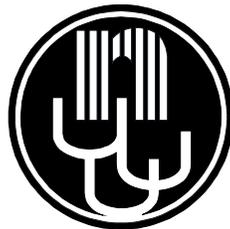
Step 9: Carefully position the Wood Range Hood against the wall and slide down onto the wedges. The liner should be slightly above the wood (See figure 9).



Step 10: Fasten the metal liner to the Wood Range Hood at this time using 4 each #8 x 1/2" pan head screws (See figure 10).



**If using Omega National Products Chimney
then see Form OME-49**



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