

Model VP



L-Vent / Vent System for Pellet Burning Appliances

SHEET VP

Installation Instructions

Covering - General Installation Instructions
& Owner's Maintenance Guide

A MAJOR CAUSE OF VENT RELATED FIRES IS FAILURE TO MAINTAIN REQUIRED CLEARANCES (AIR SPACES) TO COMBUSTIBLE MATERIALS.

IT IS OF THE UTMOST IMPORTANCE THAT THIS DOUBLE WALL VENT SYSTEM BE INSTALLED ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.

Read all Instructions before beginning the installation. Failure to install this system in accordance with the instructions will void the manufacturer's warranty and may result in an unsafe installation. Keep these instructions for future references.

WARNING

Failure to follow the installation instructions could cause **FIRE, CARBON MONOXIDE POISONING, OR DEATH**. If you are unsure of installation requirements, call the Phone Number listed on the instructions or sizing handbook.

1. VENT SYSTEMS PARTS AND NUMBERS

Figs. 1, 2, and 3 show the names and locations of commonly used Model VP parts. These and figures to follow use only the last portion of the part number. The complete part number is prefixed with I.D. size, system identifier and part identifier.

For Example:

Model VP System

Inside Diameter -- **4 VP-TS** - Standard Tee

Model VP System

Inside Diameter -- **4 VP - 60** - 60" Pipe Length

2. SIZES AND APPLICATIONS

Selkirk Metalbestos Model VP L-Vent is manufactured in 3" and 4" I.D. sizes. L-Vents installed in accordance with these instructions comply with National Safety Standards such as NFPA 211.

The Model VP L-Vent System may be used for venting gas appliances listed for use with Type L-Vent (or Type B-Vent), in addition to Listed pellet burning appliances.

3. MODEL VP SAFETY CERTIFICATION

Model VP has been tested and listed by Underwriters Laboratories, Inc. in accordance with UL641, the Standard for Low Temperature Gas Venting Systems, in addition to certain other applicable requirements from UL103, the Standard for Residential Type and Building Heating Appliance Chimneys. Model VP is rated for flue temperatures up to 570° F.

4. MINIMUM CLEARANCE—AIRSPACE ONLY

All Model VP flue gas carrying parts are marked with clearance information as follows:

MAINTAIN MINIMUM 3" AIRSPACE CLEARANCE TO COMBUSTIBLES

Combustibles include framing lumber, drywall, plaster, plywood, paneling and other building materials.

In addition to the airspace clearance specification, each section of vent is marked with an "UP" arrow indicating the intended direction of flow (i.e. end which should be oriented AWAY from the appliance).

Auxiliary parts such as combination Ceiling Support/Firestop Spacers, Trim Plates, Flashings and Wall Thimble outer shields are intended to be attached directly to the framing or to ceilings, floors, or walls in accordance with their respective instructions. These parts, which are installed in contact with wood or other combustibles, are designed and tested to assure that they do not overheat at points of contact.

These instructions give the proper framing dimensions, which in turn define the proper clearance. Wherever these instructions illustrate the use of a required spacer, thimble or firestop, the purpose of the part is to maintain and assure the proper clearance.

Remember that clearance requirement is AIR SPACE ONLY.

5. ENCLOSURES

The vent system should be enclosed in occupied areas, closets, storage rooms, and accessible attics. Enclosures may be built of ordinary drywall or plywood at the required minimum of 3 INCHES AIRSPACE CLEARANCE. There are no special parts to maintain clearance to inside surfaces of walls or enclosures. Therefore, the vent installer should take all necessary precautions to assure that this 3 inch minimum airspace is maintained.

In unoccupied attics, it is very important to be sure that blown-in or other insulation does not come in contact with the vent system. A full enclosure in the attic should extend to the roof. However, it need only be finished well enough to keep insulation and stored furnishings away from the vent system. NOTE - Enclosures maintaining the minimum airspace clearance are especially important in attics insulated with CELLULOSE type insulation which may be composed of old newspapers and other cellulose materials which are very susceptible to ignition of a fire.

A vent system enclosure is also recommended for any exterior systems and portions extending through unheated areas. This enclosure is helpful in reducing internal condensation, residue buildup from products of combustion and metal deterioration. Also the enclosure, by protecting the vent from cold outdoor temperatures, may improve draft and appliance operation. At the upper end of an outdoor enclosure the vent system should be

finished off with a flashing, storm collar and vent cap as described elsewhere in these instructions.

Regardless of the benefits of the exterior enclosure, better vent and appliance operation will be obtained if the vent is located entirely inside the heated portion of the building (except of course for the part above the roof).

6. YOUR CHOICE OF HEATING APPLIANCE

There are three important rules for selecting a gas or pellet burning appliance.

FIRST: Look for a label or nameplate attached to the appliance which bears the mark of a well known safety testing organization, such as Underwriters Laboratories, American Gas Association, etc.

SECOND: Don't buy an appliance which is larger than necessary.

THIRD: Look or ask for complete installation, operating and maintenance instructions for the appliance. If you can't get these, buy one that includes all these very important details.

7. APPLIANCE SAFETY

Be sure to follow all details of the instructions provided with your appliance. Especially note and follow recommended installation clearances and operating instructions.

8. VENT SIZE, HEIGHT AND TERMINATION

Before beginning installation of the vent system, be sure that the selected size is adequate for the appliance and the selected height of the Model VP termination is sufficient to conform to building code requirements and the termination height guidelines given elsewhere in these instructions.

The last page of these instructions contains a "Selector Chart" and list of system accessories so that you can select the exact combination of length increments and accessory components to meet your needs.

9. A NOTE ABOUT PRODUCTS OF COMBUSTION FROM PELLET BURNING APPLIANCES

One of the most common, visible products of combustion from many pellet burning appliances is a fine, powdery dust which may tend to accumulate near the outlet of the vent and/or at the joints within the vent. While this material is believed to be non-combustible, it should not be permitted to accumulate within the system since significant accumulation could begin to affect both the vent system's ability to function properly and the heating appliance operation. Accordingly it is recommended that the system be inspected periodically for the build-up and cleaned if necessary. In order to help minimize the accumulation of this powder within the system, each vent section is provided with a hi-temperature fiberglass rope gasket within the annulus on the female end. This gasket helps minimize air movement through the joints, thereby enhancing the draft through the vent system and minimizing the powder accumulation.

10. USE OF SEALANTS

(OPTIONAL IN U.S.A., MANDATORY IN CANADA)

Model VP has been listed for use with high temperature silicon sealant applied to the male end and seams of the vent section just prior to installation. This sealant in conjunction with the rope gasket, further reduces air infiltration, minimizing accumulation of the powder.

Vent systems incorporating tee sections, 90 deg. elbows and/or tall heights are most susceptible to the powder accumulation and should be inspected and cleaned more frequently.

Use only high temperature sealants such as Dow Corning's Silastic 732 RTV or Firestop Sealant, or comparable, rated for use at a minimum of 450 degrees F (232° C).

11. RULES FOR SAFETY DURING INSTALLATION

- Wear safety glasses when sawing, nailing or using other power tools.
- Wear gloves when handling sheet metal parts with sharp edges.
- Be sure all electrical tools are properly grounded.
- Be very careful when cutting openings and working in the area where electrical wiring is located. Wiring should be secured at least 3" away from the outer surface of any vent section. If wiring must be relocated, have this done by a qualified electrician.
- Ladders, where necessary, should be in good condition and set upon a firm, level surface.

12. VENTING MORE THAN ONE APPLIANCE

In certain instances more than one gas or oil fired appliance may be connected to the same vent system. Be sure to follow the appliance manufac-

turer's recommendations and local fire and building code requirements if this is planned. **UNDER NO CIRCUMSTANCES** should a pellet burning appliance be connected into the same vent system as any other type of appliance.

13. SUPPORT

Model VP vent system must be securely supported.

Lateral runs are to be supported at least every 5 feet. When offsets are necessary, adequate support above and below the offset is required.

In addition it is recommended that each offset elbow be secured with two sheet metal screws at the joint. (See "Vent Section Interconnection").

Vertical runs are normally supported by the combination Ceiling Support/Firestop Spacers. Short vertical vents with less than 6 feet of vertical vent below the flashing may be suspended from the flashing. In such case, the vent may be supported by the storm collar resting on the top of the flashing, using 1/4" long sheet metal screws to attach the storm collar to the vent at the appropriate place. Vents supported only by the flashing must be guyed above or below the roof to withstand snow and wind loads. All vents extending above the roof more than 5 feet must be securely guyed or braced.

14. GENERAL INSTALLATION INSTRUCTIONS

VENT SECTION INTERCONNECTION

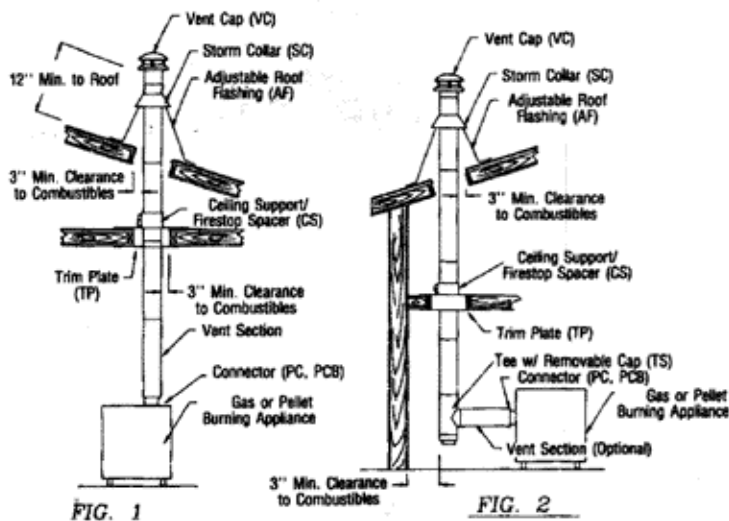
Each flue gas carrying section of Model VP is designed with a male and female end coupling. To join sections simply push mating ends together until the locking tabs engage, preventing them from being pulled apart. If additional securement is desired, one or more, maximum 1/4" long sheet metal screws may be used at the joints. Being careful not to drill through the stainless steel inner wall of the vent, first drill a 3/32" hole approximately 3/8" above the line of the joint. Then install the screw(s). **NOTE:** Anytime sections of Model VP are supported only from above, the use of these additional screws is recommended to prevent unintended disengagement of vent sections.

COMMON TYPES OF INSTALLATIONS

Figs. 1 through 4 show four common types of installations of the Model VP vent system. These figures provide a reference for reviewing common applications for the various system parts.

Following each figure is an abbreviated set of instructions and considerations applicable to each type of installation.

More detailed instructions relative to the installation of each system part follow these illustrations.



INSTRUCTIONS FOR INSTALLING A VENT SYSTEM AS SHOWN IN FIG. 1 - For appliances with the flue outlet located on top and the vent system extending straight up through the ceiling(s) and roof.

A. Place appliance per Manufacturer's recommendations, being sure to maintain specified clearances to combustibles.

B. Position a plumb-bob over the center of the appliance flue outlet. Project and mark the center point on the ceiling. Using the marked location as center, outline, cut and frame a square hole in the ceiling for the firestop support assembly. For 3" vent the opening should be 9 5/8" by 9 5/8", while a 4" vent requires a 10 5/8" by 10 5/8" opening. C. Install the ceiling support/firestop spacer per instructions found under "Ceiling Support/Firestop Spacer".

D. Install the trim plate on the bottom side of the assembly. (See "Trim Plate")

WALL THIMBLE (VP-WT)

A Wall Thimble (WT) must be used for all through-the-wall installations involving combustible construction. The thimble is designed to accommodate wall thicknesses for 4 1/2" to 8 1/2" and may be installed in direct contact with combustible framing, insulation and other materials.

Both the 3" and 4" thimble require a 9 1/2" diameter round or 9 1/2" by 9 1/2" square hole for installation. If a tee section is to be installed on one side of the wall penetration, it is recommended to frame the opening at 9 1/2" square dimensions to insure sufficient anchoring for the screws which will hold the tee support brackets to the wall.

To Install: After preparing the opening to the correct dimensions noted above, first disengage the halves of the assembly by simply pulling them apart. From the outside, guide the outer half of the assembly (incorporating the unpainted, galvanized steel face plate) through the prepared opening, being careful not to damage or deform the insulation around the thimble. Center the assembly within the opening and secure in place using nails or screws through the holes provided in the faceplate. Non-hardening, waterproof mastic or caulking may be used behind the perimeter of the plate and over the heads of the fasteners for weather protection. (Note - At this point, if a square opening has been prepared, the installer may wish to insulate the corners of the opening, left void of the thimble's insulation, before installing the mating portion of the thimble. However, do not compress, deform or remove the thimble insulation.) From the inside, insert the mating portion of the thimble assembly within the opening, guiding it so that the two cylinders engage. Slide the assembly inward until the rear side of the black faceplate is in contact with the inside wall. Center the assembly and secure with fasteners.

The thimble is now installed and ready to receive a section of vent.

TEE (VP-TS, VP-TD)

Tee sections are designed for use in changing the orientation of the vent from horizontal to vertical and to facilitate cleaning of the system easier than if a 90 deg elbow is used. The tee is provided with a cap on the bottom (VP-TS) and on one side (VP-TD, only) held in place by a friction fit and a screw stop.

To Install: Depending upon the particular installation, the tee is either attached to a tee support assembly (see Fig. 3) or simply suspended behind the appliance and supported by a combination of the appliance and the support from above (see Fig. 2). In either case, common sections of vent are attached to the tee inlet and outlet by simply inserting the mating ends until the tabs engage. In Fig. 2 type installation and anytime the tee is supported from above, it is recommended that screws be added to the joints at the inlet and outlet of the tee, in order to prevent unintended joint separation.

TEE SUPPORT (VP-WS)

NOTE: The tee support is optional and should not be installed until the wall thimble installation has been completed. If the tee support is not used, a wall bracket/support MUST be used within 6" to 12" above the tee and the tee inlet and outlet joints must be secured with screws as indicated under "Vent Section Interconnection".

The tee support kit consists of two (2) symmetrical plate brackets (designed to accommodate either a 3" or 4" diameter tee), four (4) wood screws (for attaching the brackets to the wall), and two (2) hex head sheet metal screws (for attaching the support brackets to the tee).

To Install:

1. Referring to Fig. 5, first draw a pencil line on the outer faceplate of the thimble, extending horizontally through the center of the holes.
2. Measure down 5 1/2" and draw a second horizontal line. This line, which is over the center of the lower horizontal framing member, will be used to locate the topmost screws (location "C" in Fig. 5) for the support brackets.
3. Using the left and right outer edge of the hole in the wall thimble face plate as a starting point, draw vertical lines which extend down to and intersect the lower, horizontal pencil line.
4. Referring to Fig. 5, orient the support brackets as shown and attach each to the bottom left and right side of the tee using a hex head screw routed through the appropriate holes in the support brackets ("A" or "B" from Fig. 5) and into the 1/8" hole provided in each side of the tee, approximately 1" up from the bottom. Rotate brackets to the approximate position shown. Engage screws partially.
5. Insert the preselected horizontal section of vent into the inlet of the tee, pushing it in until the tabs snap lock into place.
6. From the outside insert the open end of the horizontal section (with tee attached) through the opening in the wall thimble.
7. Orient the support brackets as indicated and situate so that hole "C" in each support bracket is positioned over the lower horizontal pencil line and the inside (vertical) edge of each bracket is in approximate alignment with the respective vertical pencil lines extending down from the edges of the hole in the wall thimble.
8. Once properly situated, secure brackets to wall with four (4) wood screws (provided) using holes "C" and "D". Note that the top hole on

the flange of each bracket is not used.

9. Check to see that the correct holes have been used by measuring to verify that the brackets establish the required 3" airspace between the outside wall and the tee, then tighten all fasteners.

WALL BRACKET/SUPPORT (VP-WB)

The combination wall bracket/support is designed to provide both lateral and vertical support for a vent system which is installed adjacent to a wall. In addition, properly installed, they provide for the required 3" clearance from the wall. One VP-WB should be installed 6" to 12" above a tee if the optional tee support is not used and within the first 8' if a tee support is used. Additional VP-WB assemblies should be used at maximum 8' intervals as the vent system is routed up the wall. Wall bracket/supports may be installed as the individual vent sections are being installed or they may be preinstalled, centered over a projected centerline of the vent system on the wall of the structure.

To Install: (Refer to Fig. 6) - After properly locating the bracket on the wall, simply attach the bracket to the wall using the screws provided. A vent section may be inserted within the collar either before or after attachment to the wall. In either case, be sure adjacent vent sections are properly joined together, then simply tighten screw/nut assembly on collar until collar tightly secures vent section in place.

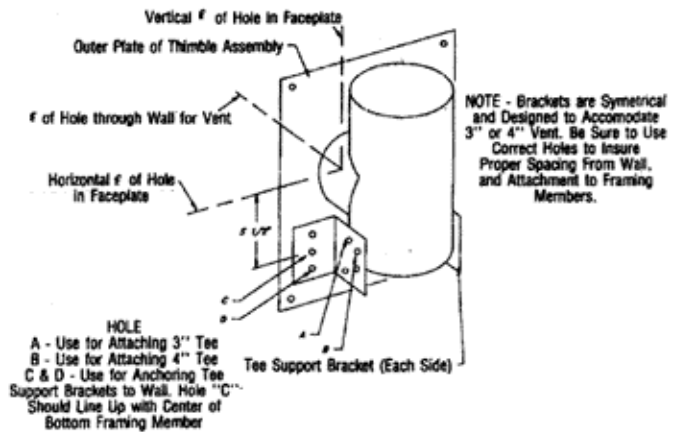


FIG. 5 TEE SUPPORT BRACKETS

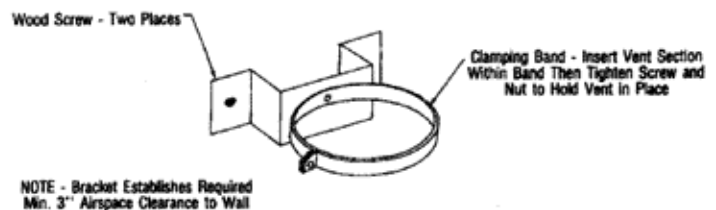


FIG. 6 WALL BRACKET/ SUPPORT

CEILING SUPPORT/FIRESTOP SPACER (VP-CS)

The two-part VP-CS is designed to provide support and firestopping for vertically oriented systems passing through ceilings and floors. Consisting of a plate assembly and a separate support collar, the assembly also provides the specified 3" airspace clearance to framing members. The 3 VP-CS and 4VP-CS require 9 5/8" by 9 5/8" and 10 5/8" by 10 5/8" square framed openings, respectively. A ceiling support/firestop spacer is required to be installed in a properly framed opening at each ceiling/floor level except for the roof.

To Install: After properly planning the location for the ceiling/floor penetration and framing the opening to the proper dimensions, set the VP-CS plate on the top side of the framed opening so that the 4 angle (spacer) tabs extend down into the opening. Nail the assembly to the framing members using at least 4 nails situated around the perimeter of the plate assembly.

The collar may be installed on the vent section either before or after the section is routed up through the hole in the plate. In either case the collar should be slid down around the vent, with the wide flanged end extending downward, and situated so that it will end up on the top side of the plate assembly. After the vent section is properly positioned and joined to the section(s) beneath, the collar should be drawn downward until it is in contact with top of the plate assembly and the screw/nuts tightened to securely clamp the collar to the vent, providing vertical support.

TRIM PLATE (VP-TP)

The trim plate is used to finish off the bottom (ceiling) side of a floor/ceiling penetration. Install the trim plate so that it is centered beneath a properly installed ceiling support/firestop spacer and nail or screw into the framing from the bottom side up. Note - Be sure to install the trim plate before routing the vent system through the opening.

ELBOWS - 45 DEG (VP-45EL), 90 DEG (VP-90EL)

Adjustable 45 (max) and 90 (max) degree elbows are available for use in accommodating unusual offsets and configurations. These optional accessories are designed with the same end couplings as the straight sections in order to facilitate their use anywhere in the system.

ROOF FLASHINGS—TALL CONE (VP-TF), ADJUSTABLE (VP-AF)

Roof flashings are used to provide a transition at the roof through which the vent will pass and to protect the interior of the structure from weather. The VP-TF is intended for use only on flat roofs while the VP-AF is designed for use on roofs having a slope of 0/12 (flat) to 6/12. Flashings are always used in conjunction with a storm collar (VP-SC).

To Install: After determining the exact location where the vent assembly will penetrate the roof, cut hole which will provide the required 3" minimum air space to roof and/or framing members. After adding vent sections so that the assembly extends up through and is centered within the prepared opening (with the specified 3" clearance on all sides), slide the flashing down over the assembly. On a sloped roof, insert the upper edge and sides of the flashing under the roofing material using non-hardening, waterproof mastic around the perimeter of the bottom side and nail to the roof along the upper edge. Do not nail the lower edge, but be sure to include mastic along its bottom edge. On a flat roof, use mastic or caulking around the perimeter of the bottom side, set on roof and nail or screw at the corners. Apply mastic over the heads of the fasteners and an additional bead around the edge.

STORM COLLAR (VP-SC)

The storm collar is used at the top of each flashing to assist in shedding water from the assembly.

To Install: Prior to installing the cap and after installing the flashing, install the storm collar by sliding it down over the upper vent section unit it rests directly upon the flashing. Apply non-hardening waterproof mastic along the line where the storm collar meets the vent.

VERTICAL TERMINATION CAP (VP-VC)

The VP-VC is intended for use in all installations in which the vent terminates in a vertical orientation. The cap provides necessary protection of the vent system from rain and other elements.

To Install: Simply push the cap down onto the top section of vent until the spring clips engage. No additional attachment is required.

TERMINATION HEIGHT ABOVE ROOF—The termination of Model VP should be located a sufficient distance from the roof so that the discharge opening is at least two (2) feet above the roof surface, or nearby structure.

HORIZONTAL TERMINATION CAP (VP-HC)

The horizontal termination cap is designed specifically for use on installations in which the vent terminates in a horizontal orientation on the outside of a structure. See Fig. 4 and the section which discusses this type installation.

To Install: Slide the cap onto the (minimum 6") section of vent extending out from the wall until the tabs engage. Orient the cap so that the shielded sides of the assembly are on top and bottom while the two outlet openings are facing the sides. NOTE - In order for the cap to provide the intended protection and vent the products of combustion properly, the cap must be installed in the above described orientation. Once installed as intended, carefully drill 3/32" holes in the left and right side of the cap's

collar and through (only) the outer wall of the vent section. Drive a 1/4" long sheet metal screw in each hole to prevent the cap from being removed or rotated unintentionally.

The above part descriptions and installation instructions should be referenced as you plan and install your particular installation.

COMMON CONSIDERATIONS

The following comments apply to all types of installations.

1. Before beginning any installation, select the desired location for the appliance, being sure to maintain the appliance manufacturer's specified minimum clearances. In selecting the location where the vent system will pass through floors, ceilings and/or walls. Try to minimize the amount of work by choosing a location where framing members in the walls and/floors will not interfere with the intended vent location or the required airspace clearances.
2. Where possible, minimize the length and total number and degree of offsets in your vent system in order to permit the system to vent optimally. Use of too many offsets may result in poor draft and may affect the performance of the appliance. If it is necessary to include many offsets and/or extensive lengths of vent, consider use of an additional joint sealant. (See "Optional Joint Sealant") in order to optimize available draft for the system's configuration.
3. Throughout these instructions, where preparation of an opening for passage of Model VP through walls is referenced, we recommend cutting and FRAMING the opening to the appropriate size. While framing is not necessary in all cases, it is recommended in order to maintain the integrity of the structure and provide sufficient anchoring for fasteners, especially where support assemblies will be installed.
4. Framing of the opening IS required for all vertical penetrations where a firestop is specified, in order to provide adequate firestopping.
5. Proper planning for your Model VP vent installation will result in greater safety, efficiency and convenience, saving time and money.
6. Use ONLY Selkirk Metalbestos Model VP listed parts.
7. DO NOT INSTALL damaged parts.
8. PERMITS are required in most areas. Contact your local building code and/or fire officials regarding permits, restrictions, and installation inspections in your area BEFORE you begin your installation

YOUR SPECIFIC INSTALLATION REQUIREMENTS

Now that you have an overview of the system parts and optional types of installations, you are ready to plan an installation to meet your specific needs. We suggest proceeding as follows:

1. Carefully review your options for the installation and select a tentative location and vent system configuration. This may be similar to one or a combination of Figs. 1 through 4.
2. Review the appliance installation instructions and determine whether the location and vent configuration you selected are suitable, convenient and attainable. Plan to incorporate parts which will facilitate inspection and cleaning.
3. After you are satisfied with the location and configuration, plan the exact layout, identifying all component parts, sizes and dimensions you will need to complete the installation. Check to insure that you have access to all the parts and accessories you will need.
4. If you have not already obtained the necessary permits for the installation, do so before proceeding further.
5. Accumulate all the parts you plan to use along with the tools, equipment and supplies you may need to complete your work. These may include:

Eye Protection	Hammer
Gloves	Assorted Nails
Tape Measure	Assorted Wood Screws
Marking Pencil	Ladder
Circular Saw	Plumb Bob
Screwdriver	Razor Knife
Extension Cord	Level
Hand Saw	Pliers
Square	Electric Drill
1/8" or 3/32" drill bit	Caulking Gun
"Stud Sensor" or similar device (for locating framing)	
Keyhole, Jig, Sabre or Reciprocating Saw	
High Temperature silicon sealant (optional)	
Non-hardening waterproof mastic or caulking	

6. If space permits, install the appliance and begin installing the vent system directly at the appliance flue collar and work toward the termination. If space does not permit, plant the exact location of your appliance and determine the exact lengths of system components which will extend between your appliance flue collar and the wall or ceiling you will penetrate. Begin the installation of the vent system at this location and work in each direction until the installation is completed by moving the appliance into position and making the final connection

between the appliance flue collar and the vent connector.

7. As necessary, refer to these detailed instructions for installation of the various components parts, being very careful to maintain the required clearances to combustible construction.

8. Upon completion of your installation, check to see that exterior portions of the vent systems are properly installed and protected from weather. Check to see that all system components are securely attached and installed in accordance with the instructions.

9. Install any necessary enclosures in occupied areas and in attics to help insure that the system is not damaged and that the required air-space clearance to combustibles is maintained. (See "Enclosures")

15. PAINTING

To prolong the life and appearance of the outer casing and other parts of the Household Manufacturing Model VP Vent System located outdoors, use proper painting procedure at time of installation. Remove oil and dirt with a solvent. Paint first with a good quality zinc primer or other primer recommended for use on galvanized steel. Next apply an appropriate finish coat. Similar considerations apply for painting of internal components, for aesthetic purposes.

Ordinary house paints applied directly to outer casing may not adhere well and do not prevent underfilm corrosion which leads to paint loosening and peeling. Be sure to use a good primer undercoat and an appropriate finish coat.

16. MAINTENANCE REQUIREMENTS

Refer to the appliance manufacturer's maintenance instructions for recommendations relative to required maintenance of your appliance.

—Model VP vent system requires periodic inspection and cleaning with an appropriately sized brush which will not scratch the inside surface of the flue. DO NOT USE chemical cleaners to clean your venting system.

—Frequency of necessary vent system cleaning will vary with the appliance, vent system configuration and climate. Certain pellet burning appliances or pelletized fuels may give off more fine dust than others.

—In any case it is recommended that the complete assembly be inspected and cleaned (if any buildup has occurred) at the beginning of each heating season and at least monthly thereafter.

—TO INSPECT AND CLEAN . . . Remove the termination cap by removing any screws, then rotating and pulling until it disengages. Remove the tee cap(s) by removing the stop screw and pulling the cap off. Inspect system. If necessary clean by running a brush through the system several times in each direction. NOTE - Be sure that tee and termination caps are reinstalled and secured when Inspection/Cleaning is completed and before the system is put back in use.

—IN CASE OF FIRE . . . If a fire occurs within the vent system, de-energize the appliance, close all draft controls, evacuate the premises and call the Fire Department. Do not use the appliance or vent system until they have been inspected by a qualified individual and declared suitable for further use.

MODEL VP SYSTEM PARTS

PART	DESCRIPTION
VP-60	5' Length
VP-60B	5' Length - Black
VP-36	3' Length
VP-36B	3' Length - Black
VP-24	2' Length
VP-12	1' Length
VP-EZAJ12	1' Adjustable Length
VP-45 EL	45° Elbow
VP-90 EL	90° Elbow
VP-AF	Adjustable Roof Flashing
VP-CS	Ceiling Support/Firestop Spacer
VP-TD	Double Tee w/Tee Cap
VP-TS	Tee w/Tee Cap
VP-SC	Storm Collar
VP-TF	Tall Cone Roof Flashing
VP-WB	Wall Bracket/Support
VP-WS	Tee Support
VP-HC	Horizontal Termination Cap
VP-VC	Vertical Termination Cap
VP-WT	Wall Thimble
VP-WTT	Thick Wall Thimble
VP-ES	Exterior Shield
VP-PC	Pipe Connector
VP-PCB	Pipe Connector - Black
VP-A6	SSII Adapter - 6"
VP-A8	SSII Adapter - 8"
VP-14	Increaser - 3" to 4"
VP-TP	Trim Plate - Black

MODEL VP LENGTH SELECTOR CHART

Installed Length Ft.	Inches	Number of Vent Sections			
		12'	24'	36'	60'
	10 1/2	1			
1	10 1/2		1		
2	10 1/2			1	
4	10 1/2				15
9					1
6	9		1		1
7	9			1	1
8	7 1/2	1		1	1
9	9				2
10	7 1/2	1			2
11	7 1/2		1		2
12	7 1/2			1	2
13	6	1		1	2
14	7 1/2				3
15	6	1			3
16	6		1		3
17	6				3
18	4 1/2	1		1	3
19	6				4
20	4 1/2	1			4
21	4 1/2		1		4
22	4 1/2		1		4
23	3	1		1	4
24	4 1/2				5
25	3	1			5
26	3		1		5
27	3			1	5
28	1 1/2	1		1	5
29	3				6
30	1 1/2	1			6
31	1 1/2		1		6
32	1 1/2			1	6

