

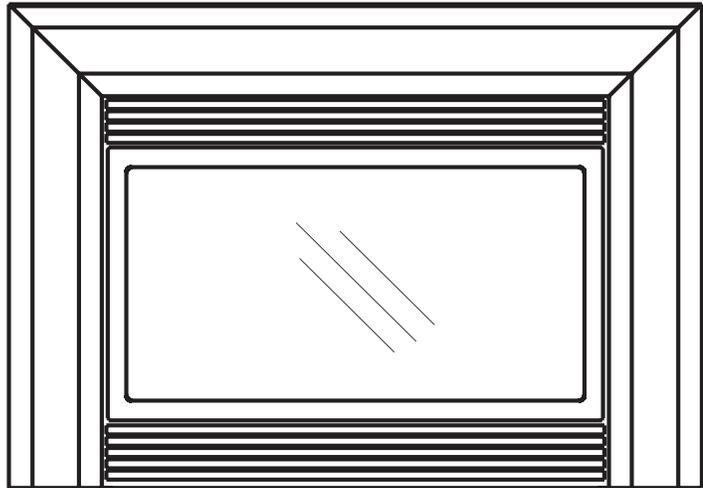


# E33 GAS INSERT ZERO CLEARANCE KIT

KIT # 340-900

## Owner's & Installation

# Manual



### PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

**WARNING:**

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult an authorized installer, service agency or the gas supplier.

**FOR YOUR SAFETY**

Do not store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance.

**FOR YOUR SAFETY**

What to do if you smell gas:

- Do not try to light any appliance
- Do not touch any electrical switch: do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

FPI Fireplace Products International Ltd.  
6988 Venture St., Delta, BC  
Canada, V4G 1H4

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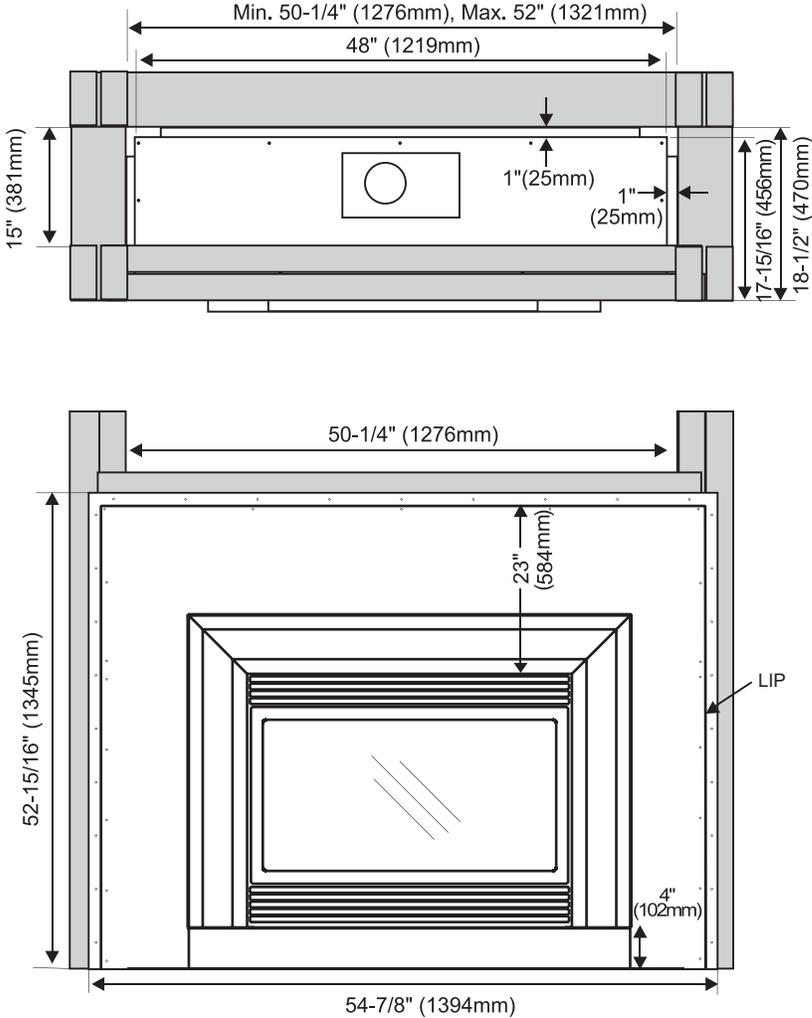
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## GENERAL INFORMATION

This kit consists of factory built parts that require minimal assembly to form the Zero Clearance enclosure for the E33 Gas Insert. The enclosure can then be fixed into a framed combustible construction, and a standard Simpson Dura-Vent Direct Vent GS System installed on the assembly for the required venting. The insert can be installed later. The faceplate will normally overlap on top of the finished wall.



**E33 Gas Insert Zero Clearance Kit Specifications**

# INSTALLATION

## CLEARANCES TO COMBUSTIBLES

The clearances for the Zero Clearance Kit are 0" to combustibles (back, side and floor) but when planning your installation review the clearances required for the Insert (see below) after it is installed in the Zero Clearance Kit.

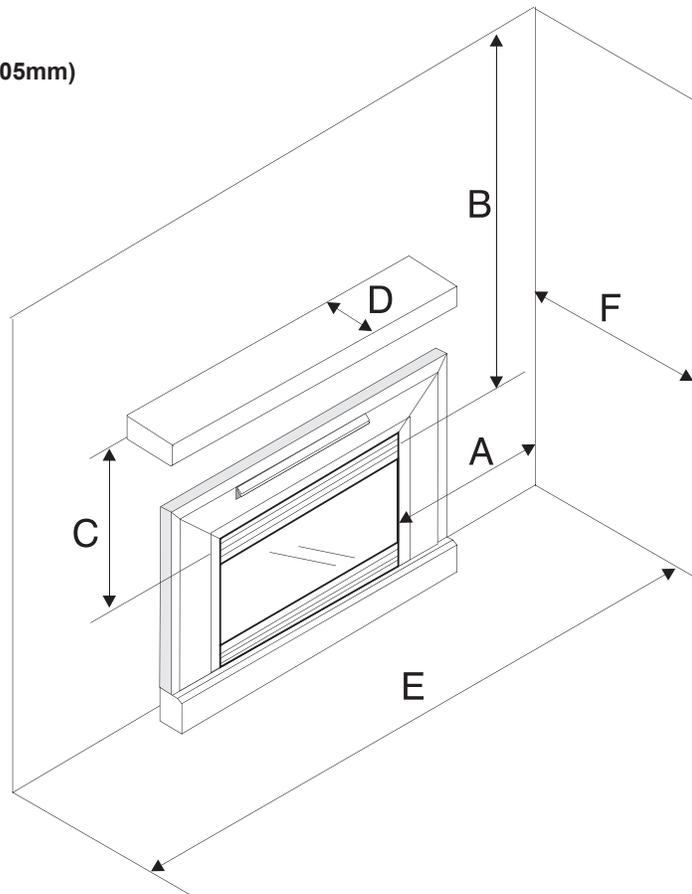
Warning: Combustible facing materials must not extend inside the 1/2" (13mm) lip at the edge of the face panels.

Any non-combustible facing materials (such as ceramic tile or masonry face brick) up to 1-1/2" (38mm) thick may be used to finish the area inside the 1/2" (13mm) lip on the face panels. Non-combustible tile backer board such as Wonderboard or Durock, or metal lath or screen may be fastened directly to the front of the face panels to provide a base for attaching facing materials if needed. The Zero Clearance Kit must be installed on a flat, solid, continuous surface (e.g. wood, metal, concrete).

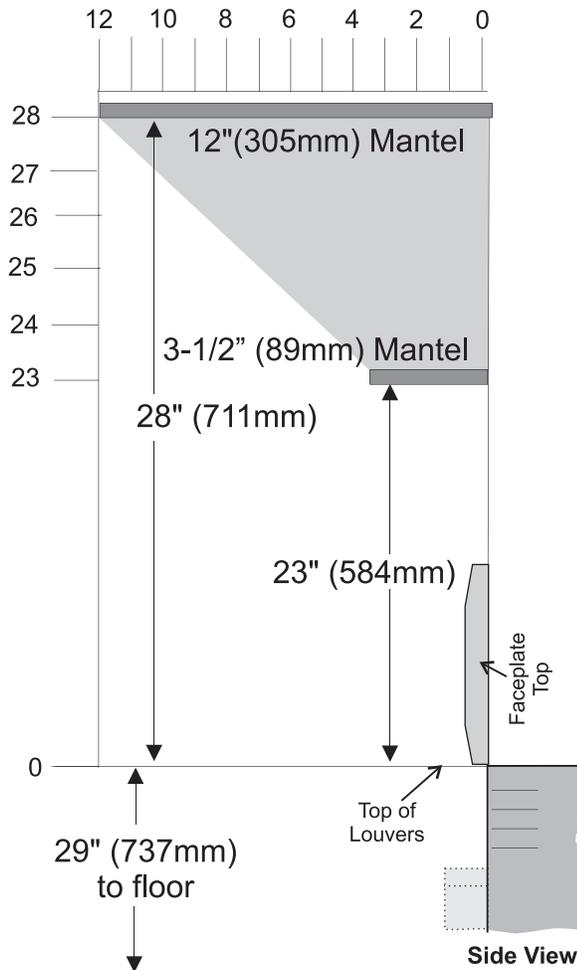
### From Unit

<b>Sides</b>	<b>*A</b>	12" (305mm)
<b>Ceiling</b>	<b>B</b>	47" (1194mm)
<b>Min. Mantel Height</b>	<b>C</b>	23" (584mm)
<b>Mantel Depth</b>	<b>D</b>	3-1/2" (89mm)
<b>Alcove Width</b>	<b>E</b>	76" (1930mm)
<b>Alcove Depth</b>	<b>F</b>	36" (914mm)

\* Alcove side wall must have a minimum of 12" (305mm) clearance on one side.



## COMBUSTIBLE MANTEL CLEARANCES



**Because of the extreme heat this fireplace emits, the mantel clearances are critical.** Combustible mantel clearances from top of unit are shown in the above diagrams.

**Note:** A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

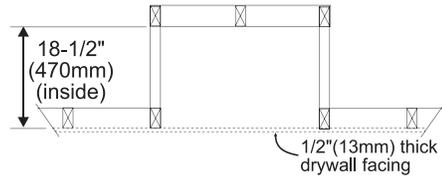
Mantel can be installed anywhere in shaded area or higher using the above scale.

**Note:** Ensure the paint that is used on the mantel and the facing is "heat resistant" or the paint may discolour.

# INSTALLATION

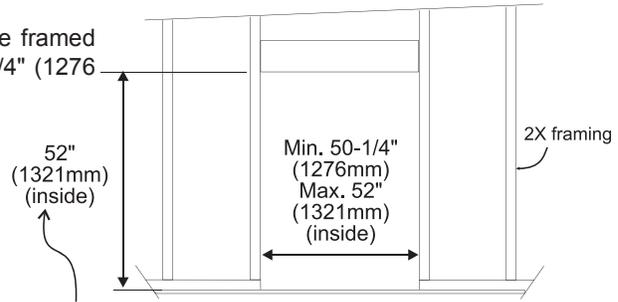
## FRAMING

- 1) The cabinet face panels have a 1/2" (13mm) lip to define the zones for combustible and non-combustible facing materials: outside the lip, any material up to 1/2" (13mm) may be used; inside the lip, only non-combustible materials may be used (with a maximum thickness of 1-1/2" (38mm)). The kit may be installed directly on and/or against standard combustible building materials. Refer to Page 3 for diagram.



- 2) Frame in the enclosure for the Kit with framing material. The framed opening for the assembled kit is 52" (1321 mm) high x 50-1/4" (1276 mm) wide x 18-1/2" (470 mm) deep. See diagram.

If the interior of the cabinet framing is finished (with sheet rock, for example), The dimensions given are from the inside of the finished surfaces. The ceiling inside the framed enclosure should be a minimum of 55-1/2" (1410mm) from the base.



- 3) For exterior walls, use a vapour barrier and insulate the enclosure to the same degree as the rest of the house, or according to local installation codes. In colder climates, if the heater is to be installed against an exterior wall or chase, insulate the exterior walls according to local installation codes.

Framing Height of 52" is calculated from the base; the height of any raised hearth must be added to this.

## ZERO CLEARANCE KIT ASSEMBLY

### Parts Included with Kit:

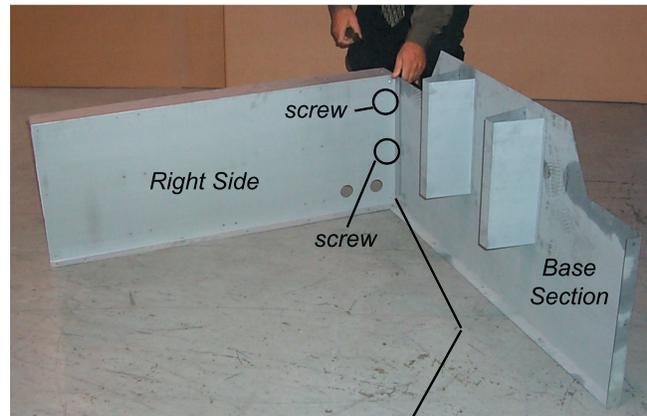
- 2 Back sections
- 2 Side
- 1 Base
- 1 Top
- 2 Front Face Side Panel
- 1 Front Face Top Panel
- 2 Top Standoffs
- 2 Extension Legs

All pieces join together using the sheet metal screws that are provided with the kit.

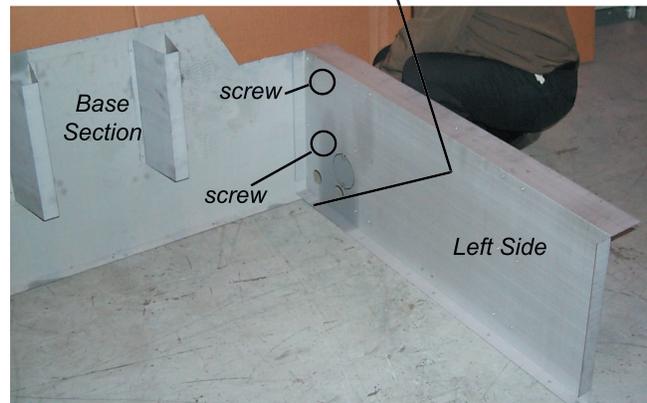
### Assemble the Cabinet

- 1) Assemble the Sides and Base sections. The Side sections fit inside the lip of the Base section. The wider flange on the Side section is on the front of the kit.

Secure with 2 screws on each side. Leave the 3rd screw (closest to the rear) until the Back section is attached.



Do not install the third screw until the back panel is installed.



# INSTALLATION

- 2) Set the assembled Side and Base sections upright. Slide the Lower Back (the section with 4 holes) down the inside of Side flanges (make sure the 4 holes are closest to the floor - see photo).
- 3) Slide the Upper Back Section down the inside of the Side flanges.



Secure to the Lower Back Section with 4 screws (from the inside). See Below.

*Attach with 2 screws on the side. Repeat for Left Side*



From the outside, secure with 2 screws on each side. See Below.

*Attach with 11 screws on the sides and bottom.*

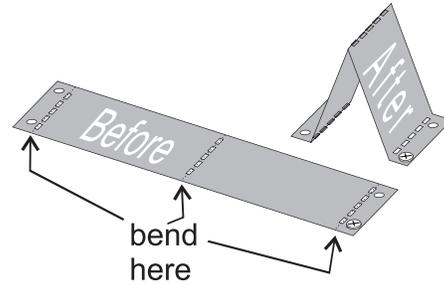


# INSTALLATION

Secure with 6 screws on the back. Leave the top screw holes until the top is attached.

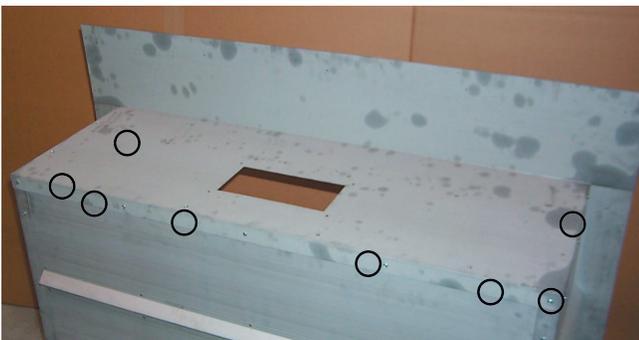
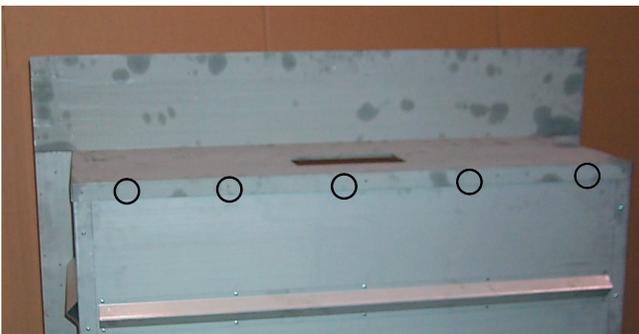
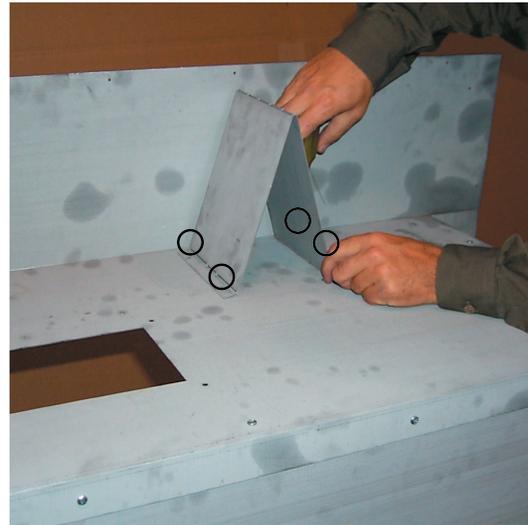


- 5) Assemble the 2 top Standoffs. The Top Standoffs are shipped flat and must be folded at the bend lines into the correct shape.



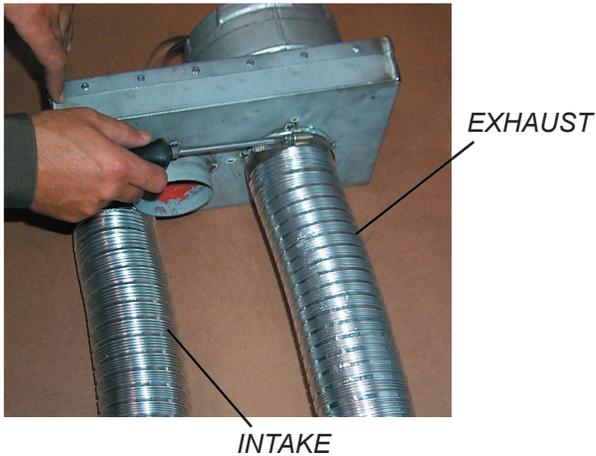
Attach the Right Standoff to the top using the 4 holes at the front right of the top. Install the Left Standoff to the 4 holes at the front left.

- 4) Install the Top. Hold the top so that the large vertical flange is at the front of the cabinet and fit it down over the Side/Back assembly. Secure the top to the assembly using 3 screws on each side and 5 through the back and 8 on top.



# INSTALLATION

- 6) Assemble the flue adaptor box. Slide the flex vent pipe over the small vent opening on the base of the adaptor box and secure with a clamp. Repeat for the 2nd flex vent pipe.



- 7) Drop the Flue Adaptor assembly into the hole on the top section.



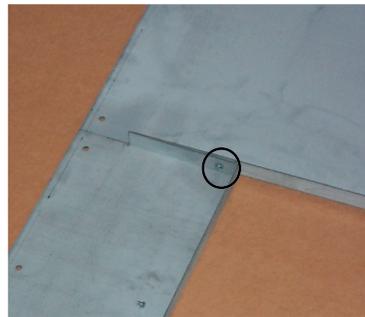
*Secure the flue adaptor box to the top with 4 screws from the top.*



- 8) Assemble the Face Panels (left, right, and top), all 3 Face panels are installed loosely, and then attached to the cabinet body.



- a) Secure the Left and Right Panels to the top with 1 screw each. Make sure that the outside edges are aligned.



- b) Fit the assembled Side & Top Face Panels to the front of the cabinet and secure with 19 screws.

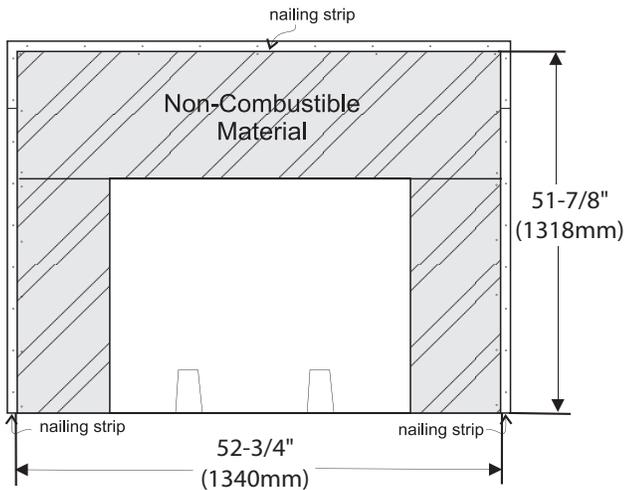


# INSTALLATION

## Attach the Cabinet to the Framing

Slide the cabinet into the frame constructed previously and secure with nails or sheet rock screws, installing a fastener into at least every other hole.

**Warning: Combustible materials must not extend inside the stand-offs on the side, top and rear supports. For safety reasons do not modify or alter any components of the Kit.**

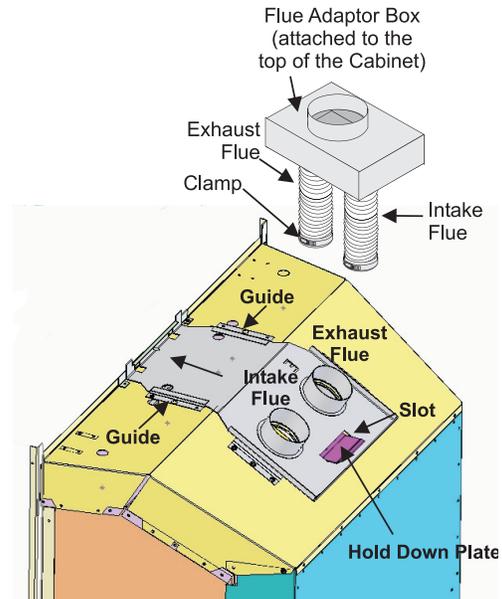


Any non-combustible facing materials (such as ceramic tile or masonry face brick) up to 1-1/2" (38mm) thick may be used to finish the area inside the 1/2" (13mm) lip on the face panels. Non-combustible tile backer board such as Wonder board or Durock, or metal lath or screen may be fastened directly to the front of the face panels to provide a base for attaching facing materials if needed.

If a combustible mantel is desired, it must be above the 1/2" (13mm) lip on the Top Face panel. This includes both the mantel itself and any trim below the mantel. A completely non-combustible mantel, such as stone, may be placed wherever desired.

## Install the Insert

- 1) Slide the unit into the cabinet on top of the bottom stand-offs.
- 2) Connect the flue and make all connections according to the instructions in the Venting section.



- 3) Install the Surround and Hearth Trim.

## VENTING INTRODUCTION

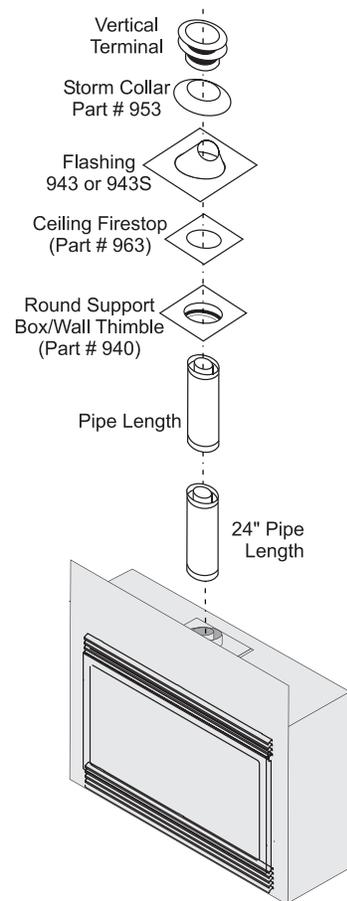
The E33 Insert uses the "balanced flue" technology Co. Axial system. The inner liner vents products of combustion to the outside while the outer liner draws outside combustion air into the combustion chamber thereby eliminating the need to use heated room air for combustion and losing warm room air up the chimney.

**Note: These flue pipes must not be connected to any other appliance. Do not common-vent.**

The location of the termination cap must conform to the requirements in the Vent Terminal Locations indicated in the diagram on page 4.

The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas burning appliance. Each direct vent gas appliance must use it's own separate vent system. Common vent systems are prohibited.

**Note: The unit cannot be terminated horizontally, only vertically.**



## SIMPSON DURA-VENT VENTING COMPONENTS LIST

All Simpson Dura-Vent components are available directly from Regency.

Part #	Description	Part #	Description
978	Vert. Termination Kit includes 0/12 - 6/12 pitch adjustable flashing, storm collar, low profile term. cap	917B	17"- 24" Adjustable Length - Black
908B	6" Pipe Length - Black	991	High Wind Termination Cap (Vertical)
907B	9" Pipe Length - Black	980	Vertical Termination Cap
906	12" Pipe Length - Galv.	940	Wall Thimble - Support/Box
906B	12" Pipe Length - Black	941	Cathedral/Ceiling - Support/Box
904	24" Pipe Length - Galv.	3951	Brass Trim for Cathedral
904B	24" Pipe Length - Black	963	Firestop Spacer
903	36" Pipe Length - Galv.	943	Flashing 0/12-6/12
903B	36" Pipe Length - Black	943S	Flashing 7/12-12/12
902	48" Pipe Length - Galv.	953	Storm Collar
902B	48" Pipe Length - Black	988	Wall Strap
911B	11"-14 5/8" Adjustable Pipe Length - Black	942	Wall Thimble









