
ASPEN

20" ZERO CAN FOR ASPEN COAL UNIT

Installation Instructions



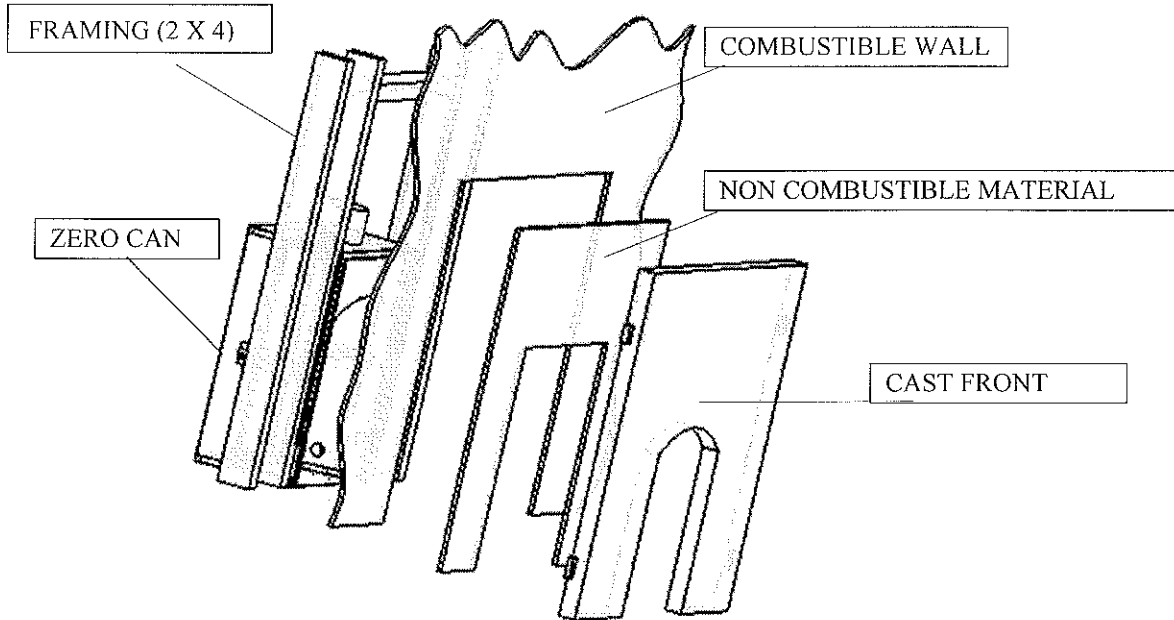
INTRODUCTION:

THESE ARE ADDITIONAL INSTRUCTIONS FOR THE INSTALLATION OF THE ZERO CLEARANCE CAN FOR USE WITH THE ASPEN INDUSTRIES, INC. MODEL No.301-ZC-BOX (ROYAL ZC)

Installation

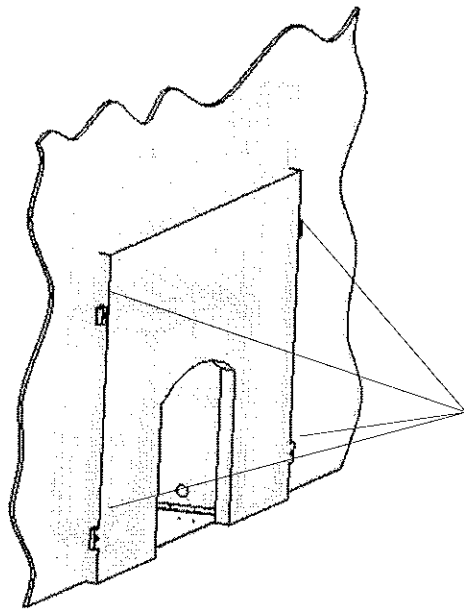
For correct installation follow these instructions as well as the instructions provided with the Aspen Vented Decorative Gas Appliance.

COMPONENT DESCRIPTION



Clearance to Combustibles Table (Fireplace Model: Royal ZC)

Clearance to Combustibles within recess opening					
Top: 6"	Sides: 0.5"	Rear: 1.25"	Floor: 0"	Vent Pipe 2"	Recess Depth: 13.5 "
Front Face: Shall be non-combustible from the floor to a minimum of 42" high					Header: Non combustible.
<u>Recessed Clearances</u>					
Combustible clearance around 43" vent pipe heat shield: 1"					
Clearance to 'B' Vent Pipe: 2"					
Clearance to combustibles within room, walls, floor and projections in front of the fireplace.					
Side walls: 12.5"	Ceiling: 84"	Floor: 0"		Mantle: Use non combustible up to: 42" Mantle Maximum Depth: 10"	

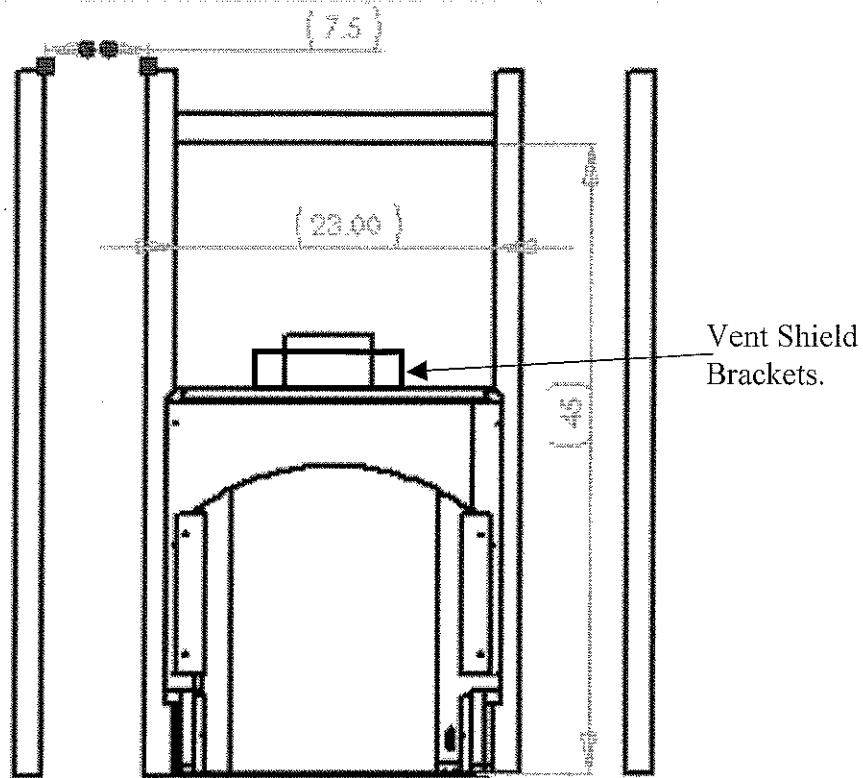


Once all connections are made and a final check that the installation conforms with the applicable local and national codes, the cast front may be installed.

Secure with 4 #10 construction screws.

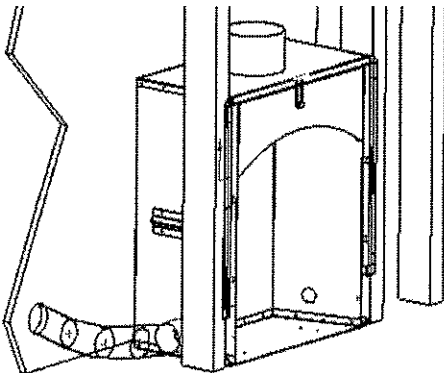
FRAMING DIMENSIONS

DIMENSIONS SHOWN ARE MINIMUM CLEARANCES



Once the frame is prepared you may proceed to place the zero can assembly into the frame.

1. Attach the unit to the front frame by nailing through the front flange .
2. Attach the optional 3" fresh air supply.



FINISHING MATERIALS – Definition

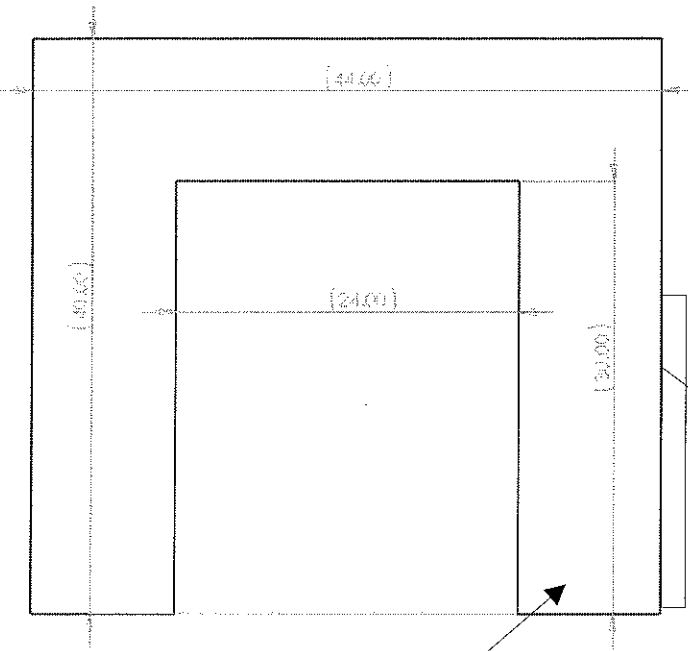
Combustible materials: Such as wood, compressed paper, plant fibers, plastics or any material capable of igniting and burning, whether flame proofed or not, plaster or un-plastered.

Non Combustible Material: Material such as steel, iron brick, tile, concrete or materials that that bear the UL mark for zero (0) fire rating.

3. Ensure that the gas supply connection is available and ready for connection. A manual shutoff must be installed as required by applicable National Code and Local Code requirements.
4. Connect the 5" 'B' vent to the unit outlet.

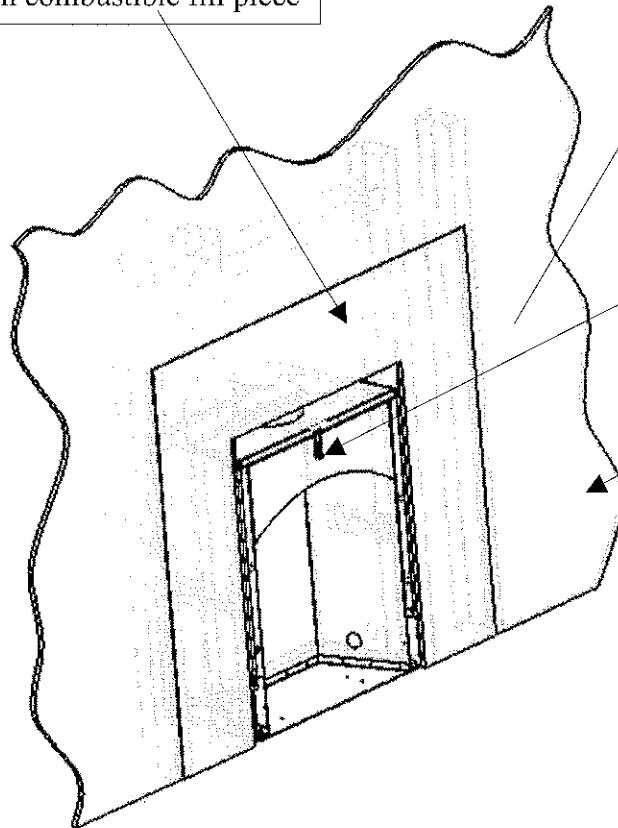
The unit may now be enclosed using suitable material. See following diagrams for explanation of correct materials.

NON-COMBUSTIBLE FRONT FILL PIECE



Note: The fill panel may not be required for most installations where a cast front is used. The cast front will overlap the combustible material and may be secured directly to the framing. Where a combustible fill is used ensure that it is the same thickness of the surrounding wall finish (i.e. if 3/8" wall board is used for the finished combustible wall, use a 3/8" non-combustible material). If the framing is correct the edge of the material should terminate mid way across the 2 x 4 framing.

Non combustible fill piece



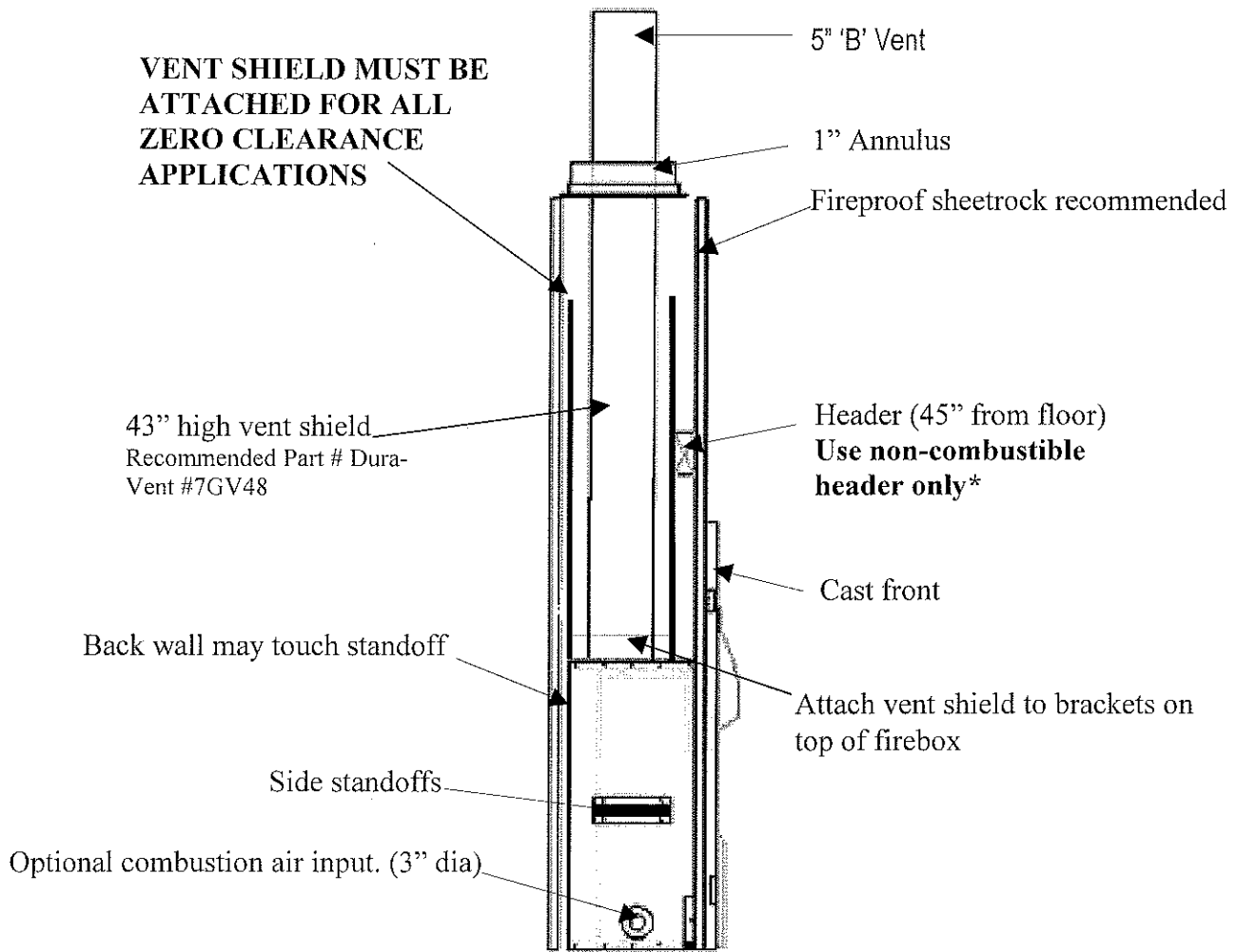
Combustible wall.

Run cable down for spill switch

Gas control shutoff may be installed in access panel or under fire grate

No other combustible material is to be placed within the framing area.

SIDE VIEW SHOWING 5" PIPE ATTACHED



Only a non combustible header shall be used (there is not enough space to maintain the required 1" clearance to the vent pipe shield if using a standard 2X4). Warning: **The vent pipe shield 1" clearance to combustibles shall be maintained. Not doing so may result in a fire hazard.**

The clearance to combustible materials shall be summarized in the following table and shown in the drawing above. Combustible materials shall not be permitted any closer to the fireplace than the stand-offs.

WIRING DIAGRAM

