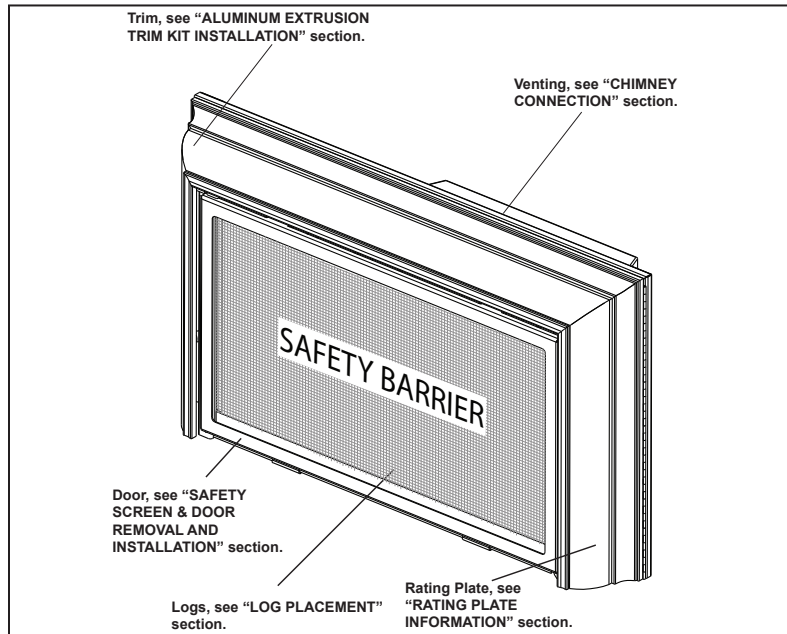


# INSPIRATION™ ZC GAS INSERT

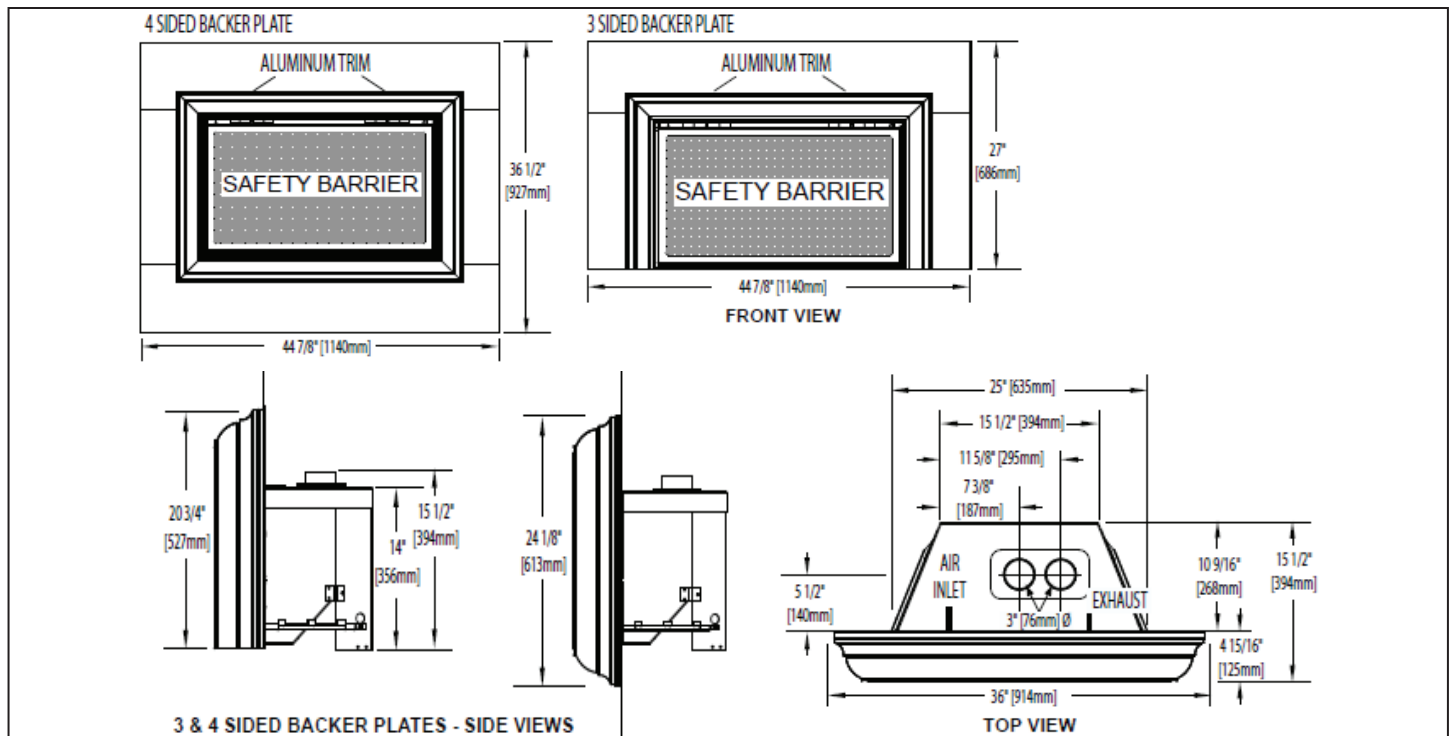
## Specifications

Model	BTU	Width		Height		Depth		Glass
		Minimum	Actual	Minimum	Actual	Minimum	Actual	
GDIZC	24,000	25	36	14 1/2	24 1/8	11	15 1/2	15 5/8 x 28 1/8

## Overview



## Dimensions



# INSPIRATION™ ZC GAS INSERT

## Framing & Clearances

### Minimum Fireplace Clearances

This appliance must be recessed into a vented noncombustible solid fuel-burning fireplace (prefabricated or masonry) only. The minimum fireplace opening size in which the appliance is to be installed is:

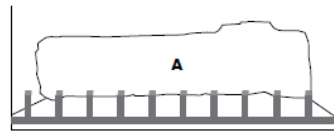
HEIGHT 14.5" (368mm) WIDTH 25" (635mm) DEPTH 11" (279mm)  
The minimum allowable chimney flue size is 6" (152mm) round.

### General Information

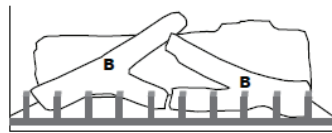
	GDIZC	
	NG	LP
Altitude (FT)	0-4,500	0-4,500
Max. Input (BTU/HR)	24,000	24,000
Max. Output (BTU/HR)	20,400	20,400
Efficiency (w/the fan on)	85%	85%
A.F.U.E. (maximum value)	79%	79%
Min. Inlet Gas Supply Pressure	4.5" (11mb) Water Column	11" (27mb) Water Column
Max. Inlet Gas Supply Pressure	7" (17mb) Water Column	13" (32mb) Water Column
Manifold Pressure (Under Flow Conditions)	3.5" (9mb) Water Column	10" (25mb) Water Column

### Log Set up

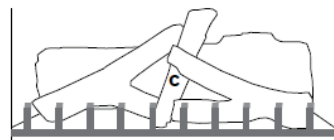
PHAZER™ logs and glowing embers exclusive to Napoleon Fireplaces, provide a unique and realistic glowing effect that is different in every installation. Take the time to carefully position the glowing embers for a maximum glowing effect. Log colours may vary. During the initial use of the fireplace, the colours will become more uniform as colour pigments burn in during the heat activated curing process.



A. Place the rear log (W135-0136) onto the two log supports and against the air intake pipe.



B. Position the left log (W135-0137) and the right log (W135-0138) against the grate posts and line up the studs located on the burner with the holes on the bottom of the logs. Keep slightly back of the front row of ports.



C. Fit the centre log (W135-0139) into place behind the left log and into the pocket provided on the rear log.

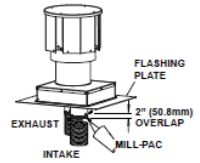
Product information provided is not complete and is subject to change without notice. Please consult the installation manual for the most up to date installation information.

### Chimney Connection

1-2" (25-51mm) & 1-3" (25-76mm) DOUBLE PLY ALUMINUM LINER-INLET AND EXHAUST & 2-3" (51-76mm) TO 2" (51mm) REDUCER:  
GDI-2320KT VENT KIT 20FT (6m)  
GDI-2325KT VENT KIT 25FT (7m)  
GDI-2335KT VENT KIT 35FT (11m)

2-3" (50.8-76.2mm) DOUBLE PLY ALUMINUM LINER-INLET AND EXHAUST:  
GDI-320KT VENT KIT 20FT (6m)  
GDI-325KT VENT KIT 25 FT (7m)  
GDI-335KT VENT KIT 35 FT (11m)

While the liners must be continuous from the appliance to the terminal, to achieve the needed length, they may be coupled, using an approved coupler. We recommend that exhaust vents that pass through unheated spaces, such as tall exterior chimneys, be wrapped in a protective sleeve to minimize condensation and reverse flow symptoms. See Trouble Shooting for details. This appliance is approved for use with a 2" (51mm) liner for air intake and a 3" (76mm) liner for exhaust. For best performance, however, it is recommended to use two 3" (76mm) liners. If a 2" (51mm) liner is used for the intake, it may be necessary to adjust the primary air shutter.



A. **OUTSIDE:** Slip the one end of a liner a minimum of 2" (51mm) over the sleeve of the air terminal. Secure using 3 screws. Then seal the joint and screw heads with high temperature sealant Mill-Pac. Repeat with the other liner.

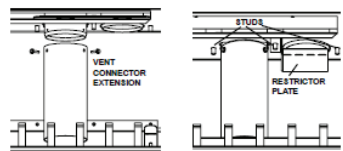
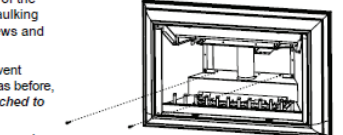
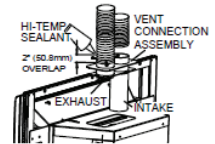
**NOTE:** We recommend that the other end of the exhaust liner be marked to eliminate the exhaust liner being connected to the intake collar at the appliance.

B. Gently stretch the liners to the required lengths and insert into the chimney. Trim and fit the flashing plate to suit the chimney termination. Place the air terminal onto the top of the chimney. Make weather tight by sealing with caulking (not supplied). Fasten to the chimney with screws and plugs (not supplied).

C. **INSIDE:** Attach and secure the flex liners to the vent connection assembly using the same procedure as before, ensuring that the marked exhaust liner is attached to the exhaust collar.

D. Detach the two screws from the back of the firebox and remove the panel, as illustrated.

E. Reaching in through the appliance, manoeuvre the vent connection assembly through the openings in the firebox top, taking care not to damage the gasket. In case of a low ceiling fireplace, the extension should be removed and reinstalled after the vent connection is secured to the firebox. Attach the restrictor plate to the centre stud and secure the assembly using the three studs and 1/4-20 hex nuts.



### Combustible Mantel Clearances

