

ANY  
**APPLIANCE**  
EVERY  
**HEATING SYSTEM**  
ONE  
**VENTING SOURCE**



**Z-FLEX®**

No matter what the venting application,  
from gas fired to oil to all fuel heating equipment,  
Z-FLEX is your one-stop solution.

# Specialists in Flexible

Z-FLEX has been providing flexible answers to gas, oil, pellet and wood venting applications since 1979. We have pioneered flexible chimney liner solutions and special gas vent (AL29-4C®).

A variety of innovations in materials and construction have led to products that deliver:

- Superior performance and increased efficiency
- Easier handling and faster, simpler installation
- Greater reliability, safety and increased service life

To that we add responsive customer service along with expert technical support.

Z-FLEX is the leading manufacturer of specialty venting systems for furnaces, boilers, water heaters, oil heaters, fireplaces, and more.

## Advanced products for maximum performance

- Patented Triple-Lock Design for Strength
- Compressed to Lower Shipping Costs
- Best Available Materials/Alloys
- 20+ Years of Manufacturing Experience
- "Immediate" Availability (24-72 Hr. Lead Time)
- Listed by Underwriters Laboratories 



# Venting Solutions

## Safety Issues

Since the federal government required modern heating equipment to achieve higher efficiencies in 1992, safely venting them has become more of a challenge. Today's more efficient equipment produces lower flue gas temperatures than pre-1992 equipment. The low temperature flue gas provides little natural draft in chimneys and is more likely to condense into an acidic, and corrosive, solution. The result can cause property damage, personal injury, or death. The natural laws of physics that control this phenomenon pertain to all gas and oil fired equipment.

Our three major product lines; chimney liners, special gas vent (AL29-4C® stainless steel), and flexible vent connectors are all designed to **prevent** flue gas condensation or **protect** against its corrosive effects. Most of the products Z-FLEX has developed are now recommended or required by the following national codes and testing agencies:

## 1992 National Fuel Gas Code

- Venting Tables for sizing Chimney Liners and Vent Connectors when adding or replacing equipment
- Insulated Connectors required in attics and other "cold" spaces

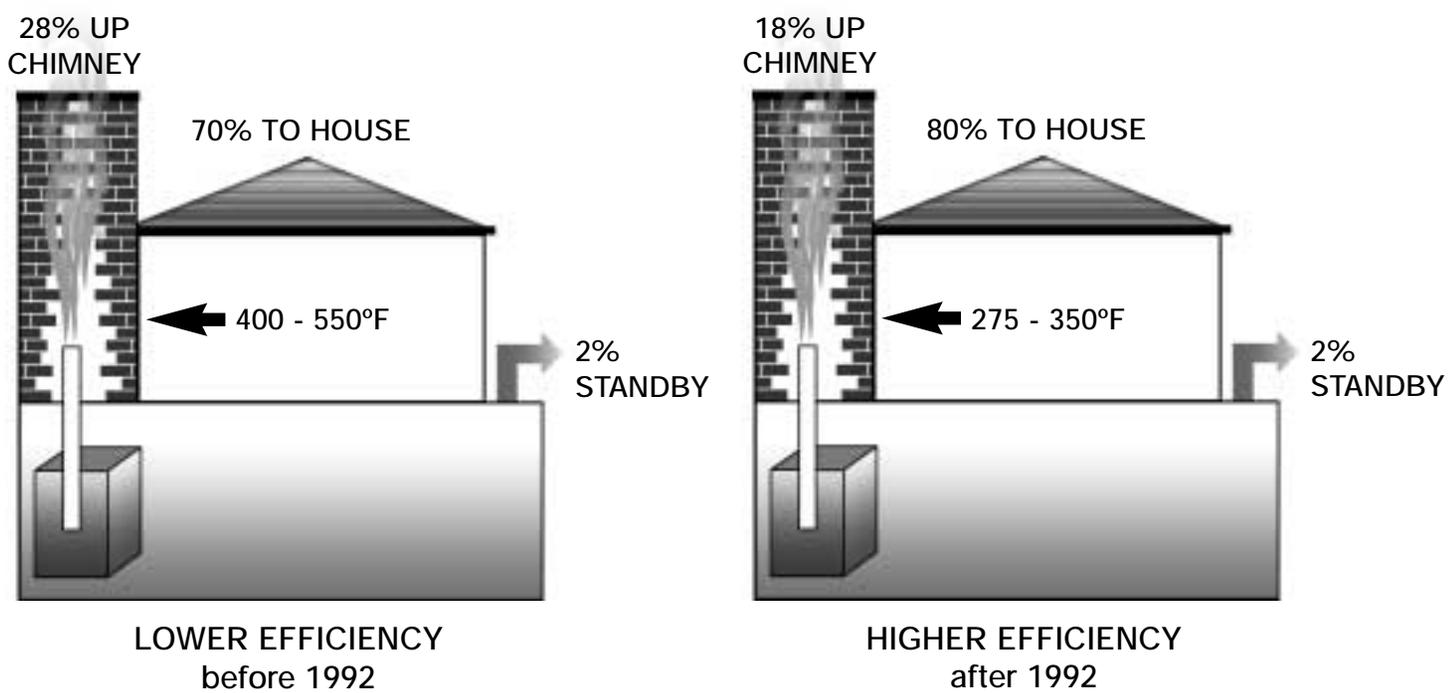
## 1997 NFPA 31 "Installation of Oil Burning Equipment"

- Venting Tables for sizing Chimney Liners

## International Approval Services (formerly AGA)

- June, 1996 – IAS requires all Category III gas boilers and furnaces to use a UL 1738 approved vent system (like our Z-Vent)
- July, 1998 – IAS requires all Category III gas residential unit heaters to use a UL 1738 approved vent system (like our Z-Vent)

## HEAT DISTRIBUTION



- Higher Efficiency Produces Lower Stack Temperatures

## Z-Vent III™



Special Gas Vent for Category II, III, IV Heating Equipment

### Connects in a Snap!

- Simple gasketed connection – no sealant needed\*
- Features the highest pressure rating in the industry
- The only metallic special gas vent you can cut to length on site
- New fusion welded pipe seams for a smoother finish and better fit
- 1" clearance to combustibles – can be installed where clearances are minimal

\* Patent Pending



# GAS VENT



\*The lengths of pipe may be cut on non-expanded end using aviation snips or a hacksaw (24 tpi). The cut end must be filed or sanded smooth before joining.

## Features:

- Gasketed connections
- The highest pressure rating in the industry
- Fusion welded pipe seams
- The only metallic special gas vent that can be cut to length on site
- 1" clearance to combustibles

## Benefits:

- No sealant required – No cure time, no call backs
- More than 3 times the industry standard
- Provides an air-tight seam, smooth finish and a better fit
- Being able to cut the product in the field will save you time and money. Pipe available from 6" thru 10'
- Can be installed with minimum clearance to combustibles

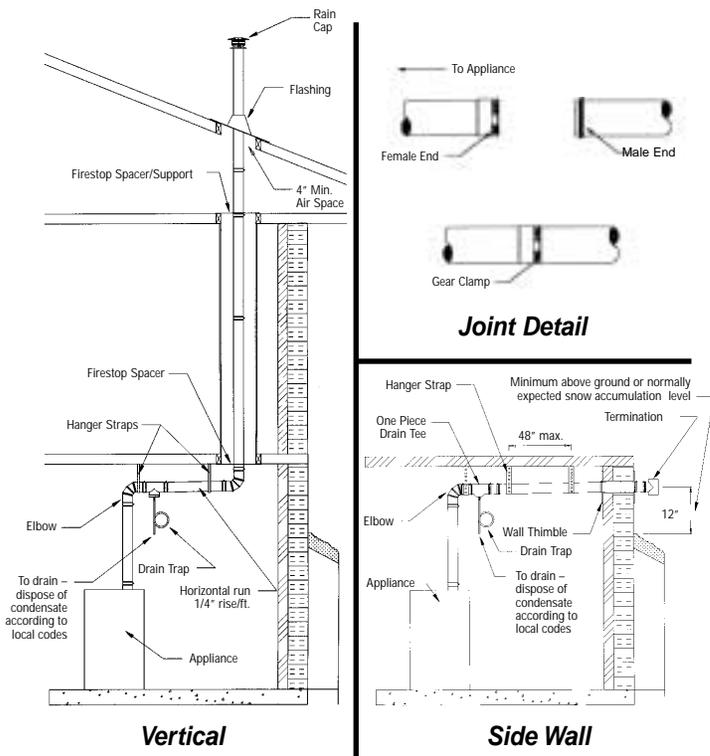
Z-Vent is manufactured using AL29-4C® advanced ferritic stainless steel\*\* with unmatched corrosion resistance for use with condensing furnaces and boilers. Z-Vent was developed in the early 1980's and has thousands of field installations to date. Z-Vent is now manufactured utilizing a fail-safe gasket connection. No sealant is required.

Z-Vent is suitable for use with boilers, high efficiency furnaces, pool heaters, unit heaters and water heaters.

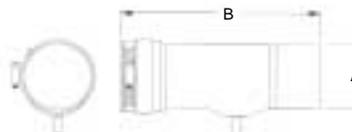
See website for list of equipment



## Typical Installations:\*

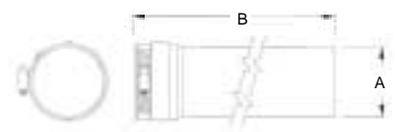


## HORIZONTAL DRAINPIPE



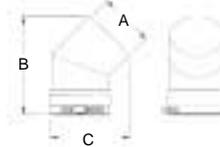
Catalogue No.	Size	A	B
2SVEDWC	3"	3"	8.5"
2SVEDWC	4"	4"	10.5"

## PIPE\*



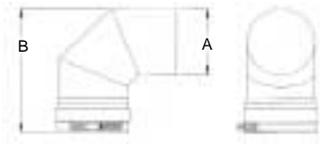
Catalogue No.	Size	A
2SVEPWC03	3"	3"
2SVEPWC04	4"	4"

## 45 DEG. ELBOW



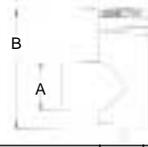
Catalogue No.	Size	A	B	C
2SVEEWC0345	3"	3"	8.25"	5.5"
2SVEEWC0445	4"	4"	7"	5.7"

## 90 DEG. ELBOW



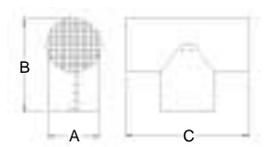
Catalogue No.	Size	A	B
2SVEEWC0390	3"	3"	8.25"
2SVEEWC0490	4"	4"	7.2"

## VERTICAL DRAIN/TEE



Catalogue No.	Size	A	B
2SVEVWC03	3"	3"	7.5"
2SVEVWC04	4"	4"	7.5"

## TERMINATION



Catalogue No.	Size	A	B	C
2SVSTTX03	3"	3"	6"	6.25"
2SVSTTX04	4"	4"	7"	9.25"

\*All drawings are for illustrative purposes only. Please refer to guide for specific U.L. installation instructions. Always defer to local building codes.  
\*\*AL29-4C is a registered trademark of Allegheny Ludlum Steel Corporation

\*Pipe lengths available – 6", 1', 2', 3', 4', 5', 8', 10'

Appliance connectors available for most equipment. Please refer to price guide.