



Modular Double-Wall Positive Pressure Chimney  
Boiler Breeching and Stack  
Engine Exhaust  
Grease Duct (CIX Only)



SECURITY CHIMNEYS  
INTERNATIONAL™

**LENNOX**

# CIX/CAX

Secure Stack™  
Positive Pressure Chimney

# Secure Stack™ CIX/CAX

*Designed to offer the ultimate in installation convenience and versatility for commercial chimney, grease duct (CIX only) and diesel exhaust applications.*

## Features

- The CIX, with its 2" densely packed insulation, and CAX, with 2" of air, ensure low heat loss and maximum possible draft
- CIX: certified at 1" clearance to combustibles and 2" for grease ducting applications; CAX: certified at 4" clearance to combustibles
- Thick-gauge 304 or 316 stainless steel inner liner provides a strong and more rigid assembly
- Patented self-centering assembly system combined with low weight simplifies and accelerates installation
- Coupling configuration requires only one locking band on outside of pipe and the use of a regular, less-expensive, high-temperature silicone sealant
- Outside casing available in 304 or 316 stainless steel as well as Galvalume® (Aluminum-zinc coated) material for a lower-cost option
- Available in sizes from 5" to 36"



## Testing/Listing Information

Security Chimneys International, Ltd. Model CIX/CAX venting systems have been tested and listed by Intertek Testing Services (ETL) to UL/ULC Standards.



### USA

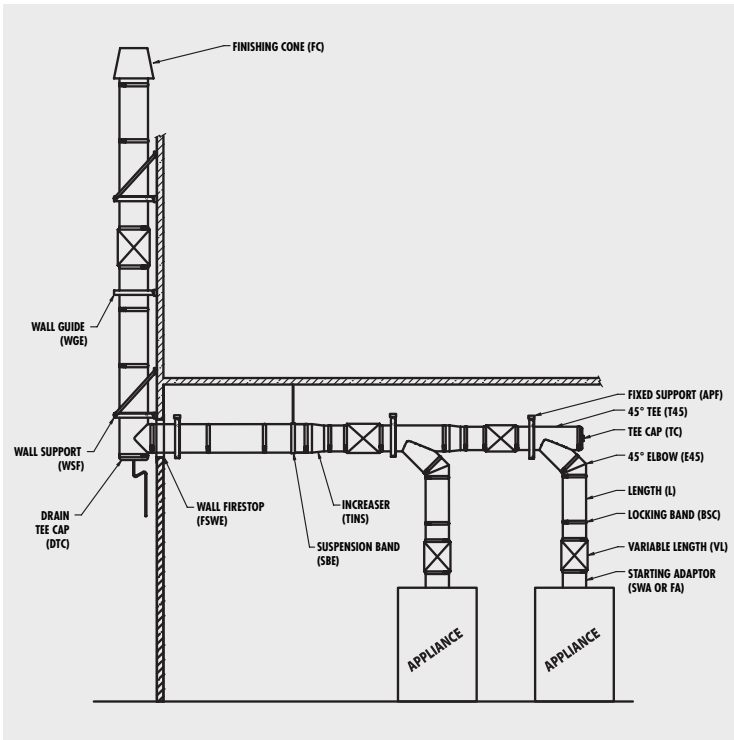
- UL 103, 60-in. Positive-Pressure Chimney
- Building Heating Appliance Chimney
- 1400°F Chimney
- UL 1978 Grease Duct (CIX only)

### Canada

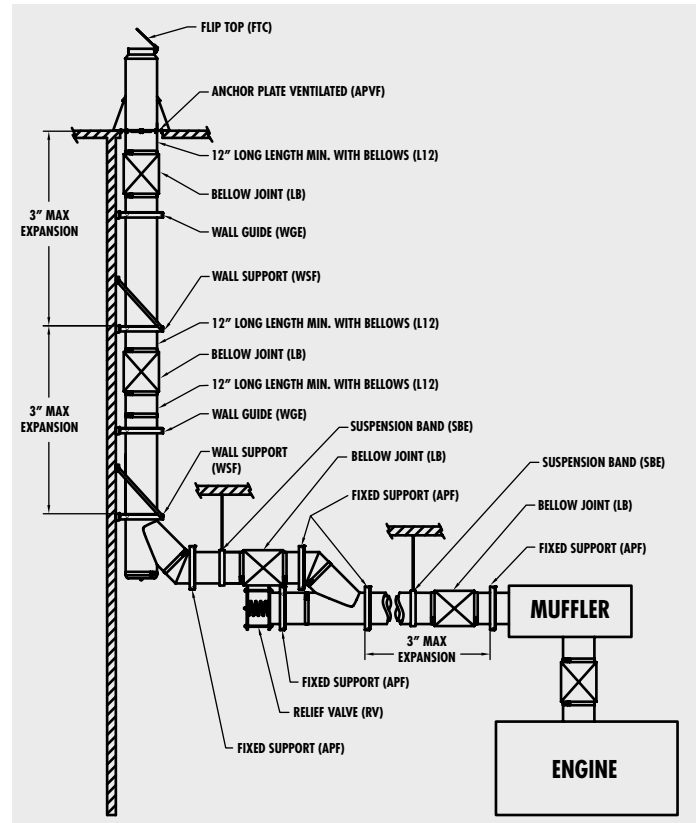
- ULC/ORD C959
- 540°C (1000°F) and 760°C (1400°F) rating
- ULC S604, Type A chimney

See brochure for reference to code compliance (NFPA numbers).

### CIX/CAX – Boiler application



### CIX/CAX – Diesel application



### Operating Temperatures and Clearances

Criteria	Restaurant Grease Duct (CIX Only)	Building Heating Appliance Chimney	1400°F Factory-Built Chimney
Application	Cooking Appliances; Ventilation Hoods; Restaurant Grease Ducts; Pizza Oven Exhaust	Low- and High-Pressure Steam Boilers; Diesel and Turbine Exhaust; Building Heating Equipment	Industrial Furnaces; Processing Equipment; Kilns and Ovens; Diesel and Turbine Exhaust
Maximum Operating Temperatures	500°F Continuous 2000°F Intermittent	1000°F Continuous 1400°F Intermittent	1400°F Continuous 1800°F Intermittent
CIX Clearances to Combustibles Ø5" to Ø36"	2"	1"	1"
CAX Clearances to Combustibles Ø5" to Ø36"	N/A	4"	4"

### Material/Thickness/Joint

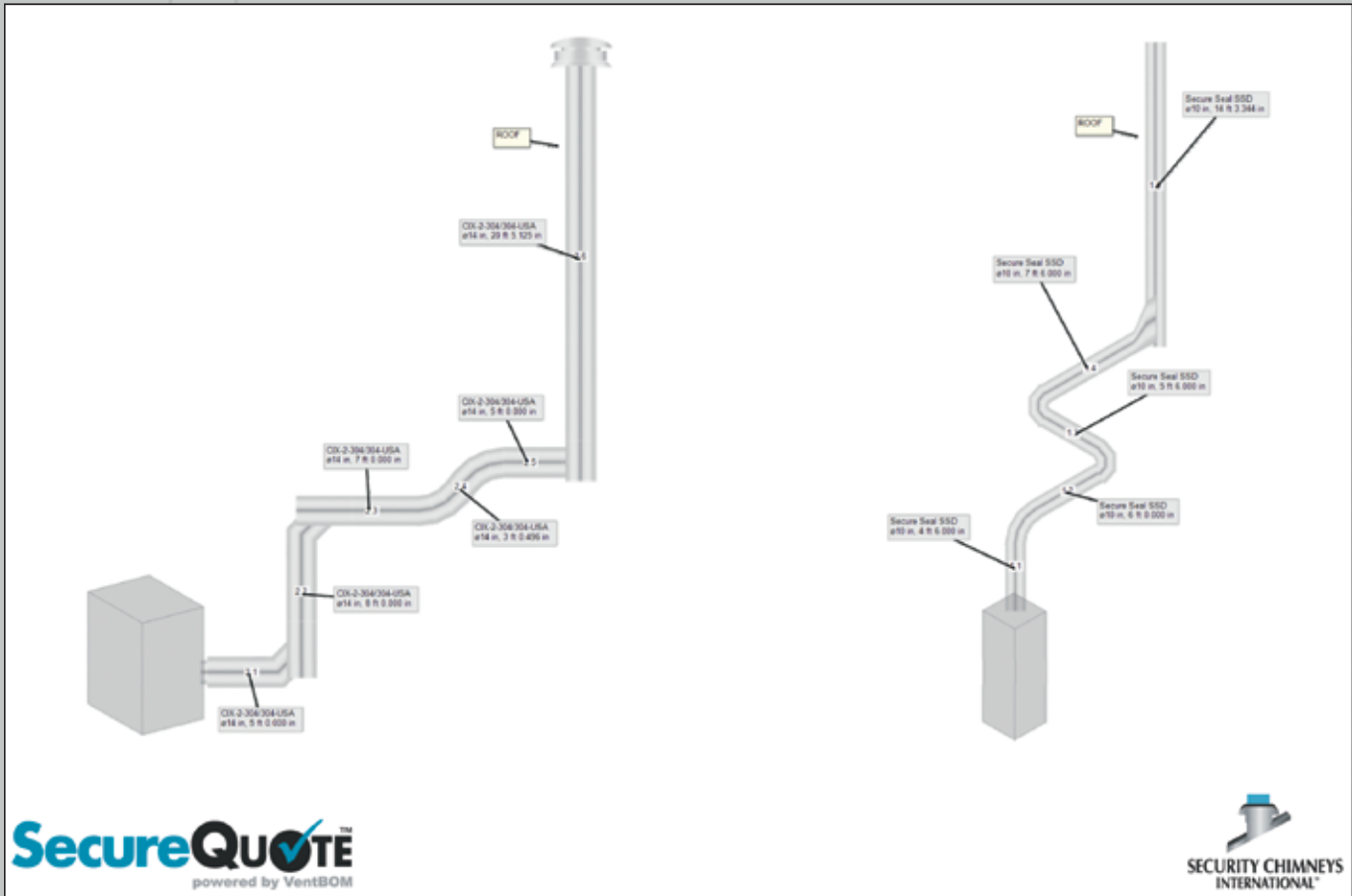
Models	Material		Thickness		Joint	
	Exterior	Interior	Exterior	Interior	Exterior	Interior
Ø5" TO Ø12"	304 / 316 Galvalume	304 / 316	0.018"	0.035"	Laser Weld	Laser Weld
Ø14" TO Ø24"	304 / 316 Galvalume	304 / 316	0.018"	0.035"	Pittsburg Lock	Plasma Weld
Ø26" TO Ø36"	304 / 316 Galvalume	304 / 316	0.024"	0.035"	Pittsburg Lock	Plasma Weld

For more information about the Secure Stack™ CIX/CAX venting systems, please visit our website:

[www.securitychimneys.com](http://www.securitychimneys.com)

Find items such as brochures, installation instructions, specifications and more.

This powerful design and quoting tool is available from your local commercial representative, or contact [infous@securitychimneys.com](mailto:infous@securitychimneys.com).



SAMPLE CIX / SSD		Security Chimneys	Typical of 1
Scale: None	Date: 3/22/2011	Drawn by: D M	Page 1/1

NOTE: Diagrams, illustrations and photographs are not to scale—consult installation instructions. Product designs, materials, dimensions, specifications, colors and prices subject to change or discontinuance without notice. Galvalume is a registered trade name.



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