

# SECURITY CHIMNEYS INTERNATIONAL FACTORY BUILT GREASE DUCT

## HOW CAN FACTORY BUILT GREASE DUCT PROTECT YOU FROM FIRE?

According to the NFPA, the leading causes of grease duct related fires is **Failure to maintain required clearance (air space) to combustible materials** and **Failure to clean grease laden ducts**.

- **Security Chimneys Model CIX3Z - Zero Clearance to Combustibles** - eliminates improper clearance issues.
- Optional factory provided tee caps, drains, and inline access doors ensure proper access for cleaning and maintenance\*.

*\*NFPA 96 outlines grease duct cleanout requirements; always consult local code or the AHJ for additional requirements.*

### ADVANTAGES:

Ultra-durable Stainless Steel construction maintains strength at much higher temperatures compared to site built galvanized or carbon steel grease duct.

Round (cylindrical) design is substantially stronger than rectangular duct, especially at higher temperatures. No buckling or deformation of duct after extreme test conditions.



**MODEL CIX3Z:**  
Double Wall,  
3" Insulated,  
Zero Clearance



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Listed to standards:  
UL-1978  
UL-2221  
CAN/ULC S662

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# COMMON ISSUES RELATED TO SITE BUILT GREASE DUCT NOT FOUND WITH **FACTORY BUILT GREASE DUCT:**

- Site Built Grease Duct is not tested or listed to any safety standards.  
**Security Chimneys Grease Duct is UL tested and Listed per UL 1978, *Standard for Grease Ducts*, and has successfully completed rigorous testing to extreme conditions (2000° F for 30 minutes!).**
- Site Built Grease Duct typically requires field welding, and per OSHA regulations, Fire Watchers are often required as field welding creates a potential fire hazard on site.  
**Security Chimneys Grease Duct required NO field welding. Fabricated in modular sections, in controlled factory environment with automated welding equipment.**
- Site Built Grease Duct is often installed incorrectly.  
**Security Chimneys Grease Duct ships completed with full, detailed installation instructions and product label which provide guidance for installer and useful information to the AHJ.**

Features	Benefits
Modular stainless steel construction	<ul style="list-style-type: none"> <li>• No field welding required.</li> <li>• Corrosion resistant.</li> <li>• Extremely durable.</li> </ul>
Round (cylindrical) design	<ul style="list-style-type: none"> <li>• Maintains structural integrity significantly longer than a rectangular welded steel product; especially under the extreme heat of a grease fire.</li> <li>• Easier to clean and reduces chance of fire from grease accumulation.</li> <li>• Eliminates corners where grease accumulation is most severe and difficult to remove.</li> <li>• Superior flow achieved with round tubular design.</li> </ul>
0" clearance to combustible materials	<ul style="list-style-type: none"> <li>• Reduces space requirements and provides ease of mind for clearances.</li> </ul>
2 hour fire rating	<ul style="list-style-type: none"> <li>• Eliminates need for a large, expensive, separate, fire-rated enclosure or multiple, field-applied layers of fire-rated wrap materials.</li> </ul>
Extra large spacing between outer wall sections	<ul style="list-style-type: none"> <li>• Allows for quick and easy installation of the securing band.</li> </ul>

