



CT[®] Liner

Multi-Fuel, Single-Wall
Positive Pressure Chimney Liner



www.securitychimneys.com
800-361-4909 (US) 800-667-3387 (Canada)

CT[®] Liner

APPLICATIONS

The CT can be used: as a replacement liner in a masonry chimney; as a flue pipe within a masonry structure; for horizontal and vertical breeching (boiler flues connector)

SIMPLE AND STURDY DESIGN

The CT is a rigid single-wall, stainless steel vent pipe featuring a 3 in. overlap and reinforcing ridges at each joint for increased rigidity.

DURABLE MATERIAL

Choice of either AISI 316L or 304 stainless steel for their excellent resistance to corrosive environments.

MULTI-APPLICATION AND FLEXIBILITY

The CT is a multi-fuel pipe designed to vent smoke generated by the combustion of gas, oil, fuel or coal. It is designed for positive pressure heating appliances, but can also be used on any type of appliances.

PRECISION-ENGINEERED TIGHT SEAL

A tight seal on the system is assured because of: Continuous plasma-welded seams along lengths, tees and elbows; Extra-long overlap 3 in. (76mm) at the joints coupled with two ridges to prevent condensate migration due to capillary action; Locking bands sealed with a ceramic-fiber pad, silicone or ceramic caulking can be added depending on application

EXCEPTIONAL PULL TEST RESISTANCE

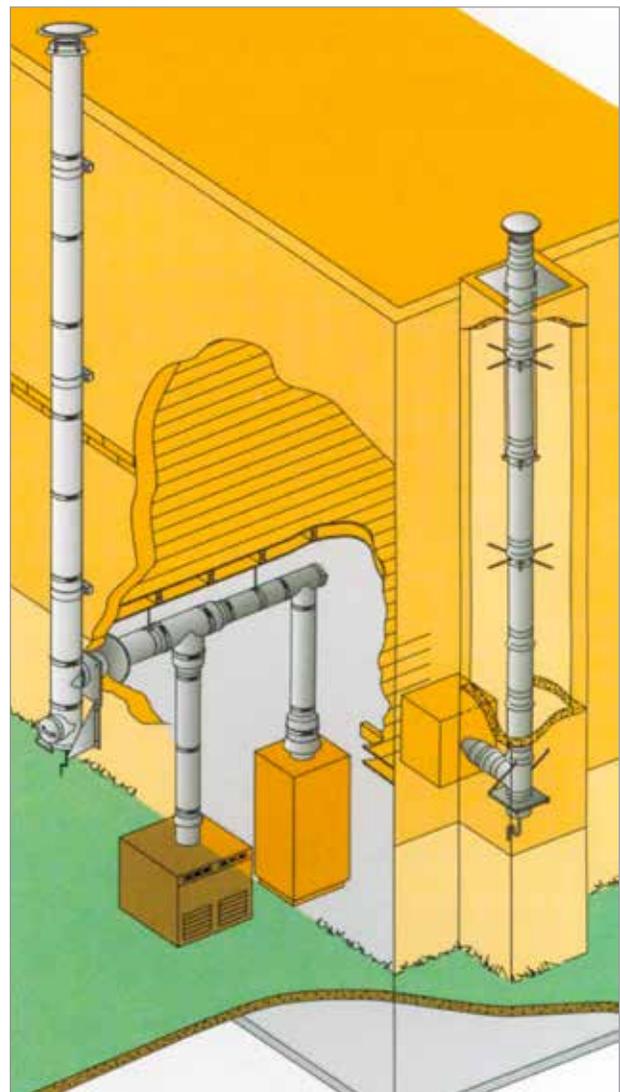
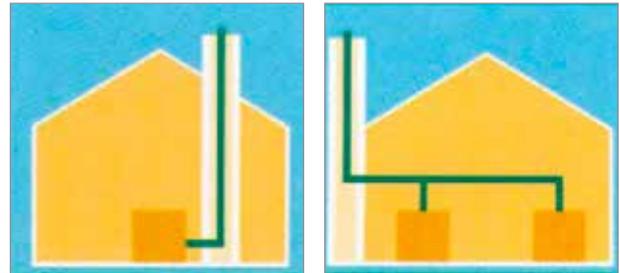
Pull tests conducted on a CT liner have yielded the following results, without dislocation:

- Resistance of 992 lbs. (450kg) secured by locking bands with an adjustable screw (large diameters)
- Resistance of 551 lbs. (250kg) secured by a lever-type locking band (small diameters)

This high level of resistance lends itself to the safe use of liners even of great height.

SECURITY CHIMNEYS CT LINER AND BREECHING SYSTEM

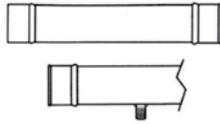
Installations



General Parts

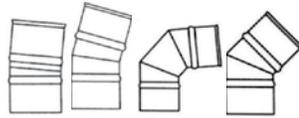
Lengths

Four standard lengths of 12, 18, 24, and 36 inches are available. Available in 5" to 24" diameters. Adjustable length: 0 to 14 inches (0 to 356 mm) with a drain length of 9 inches (230mm).



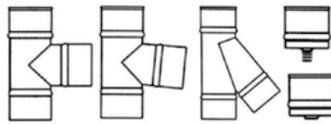
Elbows

Continuous welded seam. Used to offset the liner.

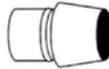


Tees

Continuous welded seam. 90°, 95° and 140° in all 12 diameters.

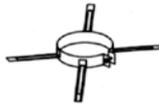


Finishing Cone



Centering Bands

Secured by tightening beneath one of the end bulges on the CT length, the centering band centers the CT inside of the masonry chimney.



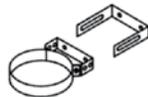
Guy Wire Band

Used for guiding in vertical installations.



Wall Band

Secures the pipe along a horizontal, vertical or oblique surface. It must be used at intervals of 8 ft. (2.50m).



Roof Brace

Used for bracing in vertical installation above the roof. See instruction manual for required specifications.



Suspension Band

Used for supporting and guiding in horizontal runs.



Supporting Band

Used with guy wires (not included) attached to the first section of the CT liner, it supports the system going down a masonry chimney. Guy wires can be attached to the top support plate to secure the weight of the system.



Top Support

Attached to the top or anywhere the masonry chimney, it supports and aligns the CT liner.



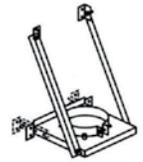
Roof Support

Support the chimney from above rather than below.



Adjustable Wall Support

Installed at the base of a pipe, it supports the CT while ensuring an adjustable clearance from the surface to which it is secured. Adjustable from 2 to 6 in. (50 to 152mm).

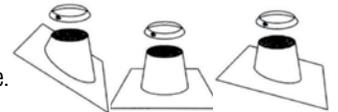


Wall Support



Flashings

Flat, Adjustable 5° to 30°, and Adjustable 30° to 45° flashings available.



Straight Adaptor



Increaser/Reducer

Available for all 12 diameters 5 to 6 in. (125 to 150mm)



CI/CT and CT/CI Adaptor



Rain Cap



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CA-CT



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