



Applications

VFT flexible liners are used for upgrading or restoring masonry chimneys that vent Category I natural gas, propane or oil appliances, wood or pellet stoves, fireplaces and fireplace inserts.

VG flexible liners are top performers when used to line masonry chimneys venting Category I gas-fired boilers, furnaces, space and water heaters.

Materials and Construction

VFT Single-wall, .006" 316 stainless steel. Continuous weld delivers a strong, air and water tight flue gas conduit.

VG Single-wall, .006" super ferritic stainless steel. Continuous weld construction.

Clearances

VFT 0" clearance to masonry chimney for oil and gas. With TherMix or ProFoil insulation 0" clearance for solid fuels.

VG 0" clearance to masonry for gas appliances.

Diameters

3"-12"

Listings

UL Listed to UL 1777 and ULC S635.



UL 1777 and ULC S635 Systems

Ventinox

Ventinox VFT, made from 316Ti stainless steel can withstand high temperatures associated with solid fuel fired heaters, as well as the corrosive environments typical in gas or oil vents. Ventinox VFT is UL tested and listed for all-fuel, and can also be used for wood, gas, or oil fired equipment.

Ventinox VG is the ultimate choice for venting gas fired appliances, where highly corrosive condensate formation (hydrochloric acid) within the flue is likely. The super ferritic alloy exhibits extreme resistance to chloride pitting, crevice, and stress corrosion and cracking.

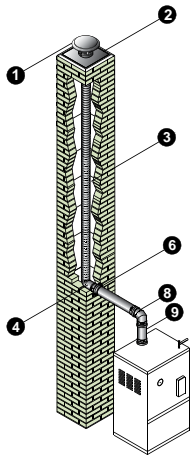
Ventinox Components

Ventinox components are made from either 316 or AL29-4C stainless steel and can be used with both Ventinox VFT and VG. Components feature an integral locking band, avoiding the use of pop rivets. Liners and components provide a penetration free top to bottom connection.

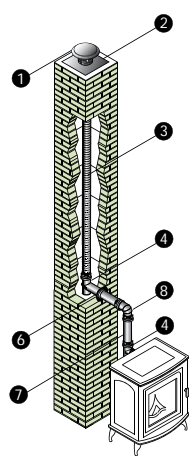
When venting solid fuel heaters, Ventinox VFT must be insulated with either TherMix or ProFoil blankets to meet UL 1777 requirements. For all other applications, insulation is highly recommended for increased efficiency and draft performance.



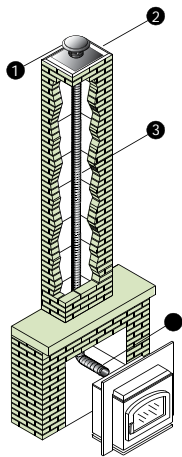
Typical Installations



Gas Furnace
Ventinox



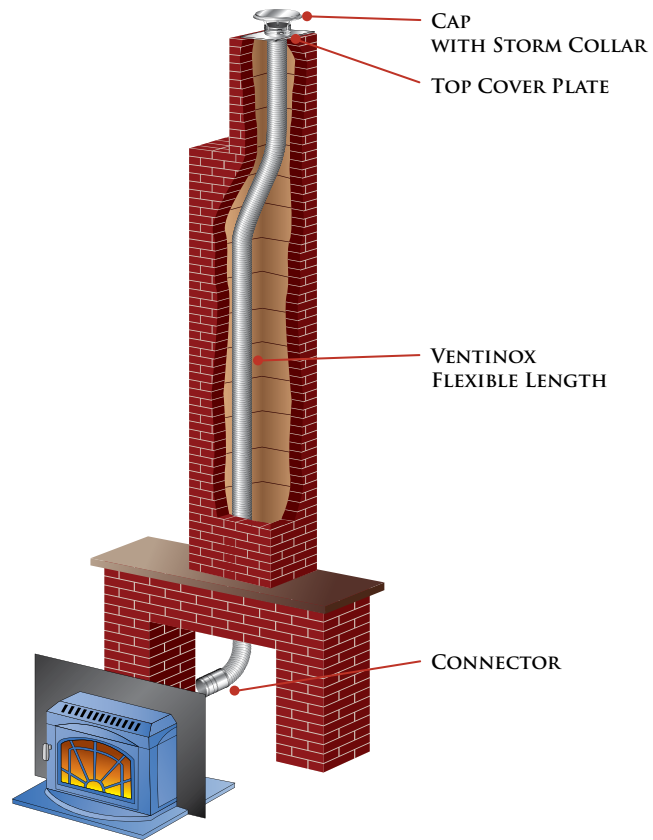
Gas Stove
Ventinox



Pellet Insert
Ventinox

Installation Key	
1	Ventinox Rain Cap with Storm Collar
2	Ventinox Top Cover Plate
3	Ventinox Flex Length
4	Ventinox Tee with Removeable Snout
5	Ventinox Sleeve
6	FasNSeal Wall Thimble or DuraFlex Wall Thimble
7	FasNSeal Pipe Length or DuraFlex Pipe Length
8	Ventinox Adjustable Elbow
9	FasNSeal Universal Appliance Adapter or DuraFlex Appliance Adapter

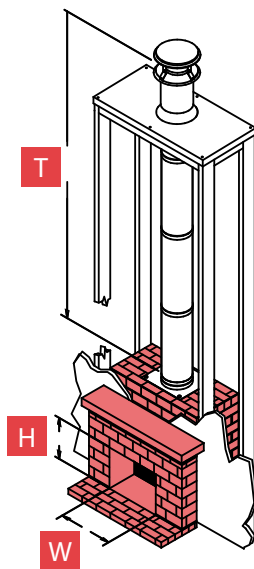
Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.



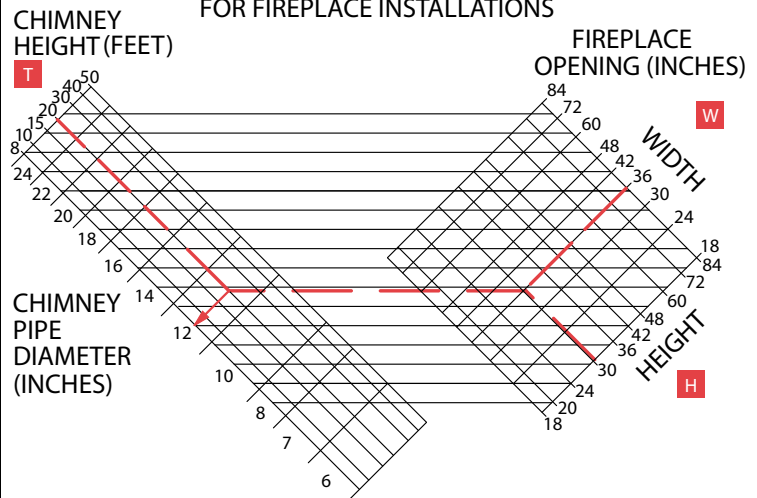
Planning Your Installation

1	Verify the venting requirements of the appliance used. Choose the liner system appropriate for the appliance and installation. Note: VFT is recommended for all fuels and VG is the best choice for gas or oil.
2	Refer to the Typical Installations for the type of liner installation similar to your situation. Identify the needed parts for installation.
3	Venting for a fireplace requires the correct liner size for proper drafting. The size of the liner should match the outlet size on the appliance.
4	Determined the length of the liner needed.
5	If connecting two or more appliances to a common vent, be sure to connect the higher BTU appliance below the lower BTU appliance.
6	Make sure of a proper fit for the top plate of the relining to provide a secure, leak-proof installation.
7	If a free standing appliance is used, select the vent or stovepipe pieces to connect from the appliance to the liner (refer to the appropriate Simpson Dura-Vent Catalog Section).
8	Important! Check to be sure the installation complies with all local and national code requirements, including clearances to combustibles. Contact the local building inspector for permit requirements.

Sizing Chart



CHIMNEY SIZING CHART FOR FIREPLACE INSTALLATIONS



Dotted line represents sample problem. Example shows fireplace opening as 36" wide and 30" high, and the chimney height as 20'. The correct flue size for the sample problem is 12" diameter pipe.