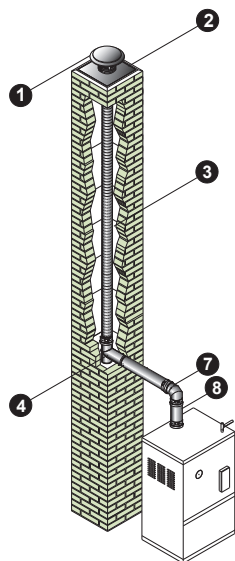


Installation

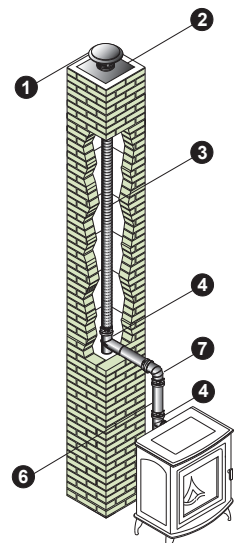
Typical Installations

How To Plan Your Chimney Installation

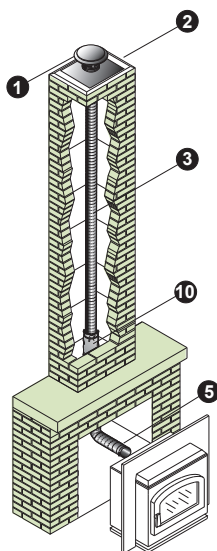
| | |
|---------|--|
| Step 1. | Verify the venting requirements of the appliance used. Choose the liner system appropriate for the appliance and installation. Note: VFT is recommended for all fuels and VG is the best choice for gas. |
| Step 2. | Refer to the Typical Installations for the type of liner installation similar to your situation. Identify the needed parts for installation. |
| Step 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. |
| Step 4. | Determine the length of the liner needed. |
| Step 5. | If connecting two or more appliances to a common vent, be sure to connect the higher BTU appliance below the lower BTU appliance. |
| Step 6. | Make sure of a proper fit for the top plate of the relining to provide a secure, leak-proof installation. |
| Step 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 DuraVent Catalog Section). |
| Step 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. |



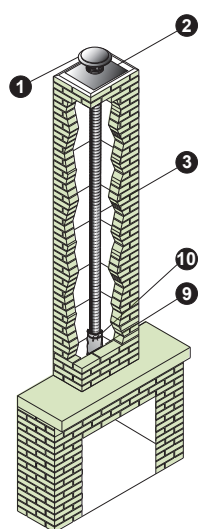
Gas Furnace Installation



Gas Stove Installation



Fireplace Insert Installation



Fireplace Installation

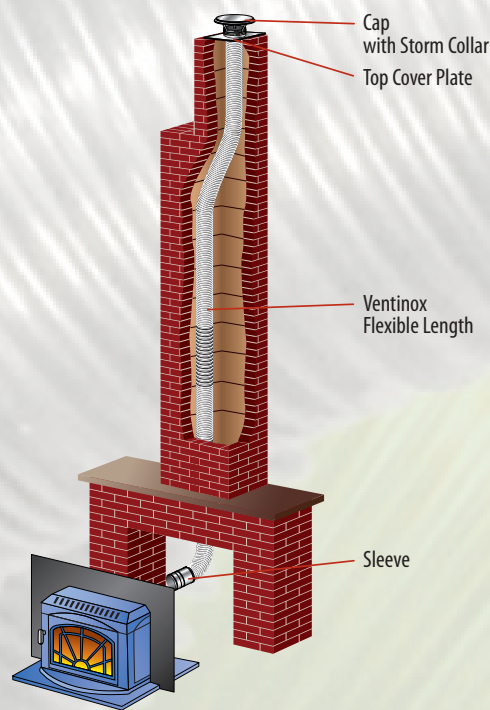
| Ventinox | |
|----------|-------------------------------|
| 1 | Rain Cap w/ Storm Collar |
| 2 | Top Cover Plate |
| 3 | Flex Length |
| 4 | Tee w/ Removable Snout |
| 5 | Sleeve |
| 6 | Rigid Type B Gas Vent |
| 7 | Ventinox Adjustable Elbow |
| 8 | DuraFlex Appliance Adapter |
| 9 | Bottom Plate with Collar |
| 10 | ProFoil w/ ProMesh or Thermix |

- Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation. Additional components are available to meet unique installations, www.duravent.com
- The inner pipe diameter should match the outlet size of the appliance. If it does not, an adapter may be required.
- Check the appliance manufacturer's installation instructions to confirm which types of vent configurations are permitted (i.e. horizontal, vertical, chimney reline, etc.). Also, check for any venting restrictions such as maximum horizontal run, minimum and maximum vertical rise, maximum offset, etc.

How It Works

The Ventinox Flexible Chimney Relining System is the only continuous welded, precision engineered spiral corrugation flex on the market. Ventinox is a one-piece seamless flue impervious to flue gases and dangerous condensates. This means carbon monoxide and other noxious by-products of the combustion process are kept safely within the flue. As a result the chimney structure is protected from damage caused by flue deposits and corrosive moistures - the "acid smut" that stains, weakens, and destroys chimneys from the inside out. Ventinox's air-tight design also prevents air and moisture from infiltrating the flue, creating a stronger draft.

Ventinox's unique design enables it to bend sharply to fit around obstructions and offsets in the flue, without compromising durability or performance. The corrugations eliminate heating and cooling stresses that can drastically shorten the life of chimney liners. Ventinox is remarkably stable and will not warp or buckle in extreme heat, even after a chimney fire.



Contact

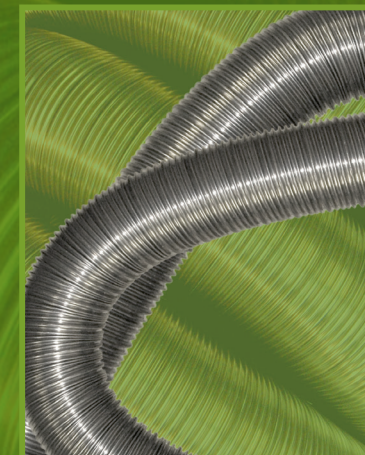
Professional Technical Help

DuraVent prides itself on providing the best customer service and technical support in the industry.

Our Customer Support Team is available to answer technical questions.

Monday – Friday
5:30am – 4pm Pacific | 8:30am – 7pm Eastern

Tel: 800-835-4429
Fax: 707-446-4740
customerservice@duravent.com
techsupport@duravent.com



Ventinox®
Welded, flexible relining
for masonry chimney.
UL 1777 and ULC S635.

Ventinox®

Leaders in-Venting Innovation™

800.835.4429 | 707.446.4740 Fax | www.duravent.com
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DuraVent®

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" AL29-4C 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 (MH14420).



Ventinox® Liner For Life












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. Tested and listed for all-fuel, and can also be used for wood, gas, or oil-fired equipment.



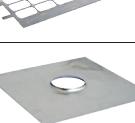
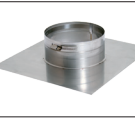
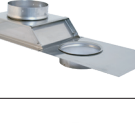






Ventinox VG is the ultimate choice for venting gas fired appliances, where highly corrosive condensate formation (hydrochloric acid) within the flue is likely. The AL29-4C stainless steel alloy exhibits extreme resistance to chloride pitting, crevice, and stress corrosion and cracking.










Ventinox components are made from either 316SS (VFT) or superferritic stainless steel (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. See the end of the DuraFlex SS for the insulation section to find information on our offering: TherMix, ProFoil, AluFoil Tape and ProMesh.

Product List

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|  | Ventinox VFT Extensions Use as an economical solution to add a few extra feet when needed to complete a run. Available in 5' and 10' lengths. |
|  | Ventinox VFT Use when upgrading or restoring masonry chimneys that vent Category I natural gas, propane, or oil appliances, wood or pellet stoves, fireplaces and fireplace inserts. Continuous weld construction. 316Ti stainless steel. |
|  | Ventinox VG Use to line masonry chimneys venting Category I natural gas or propane boiler, furnaces, space and water heaters. Continuous weld construction. AL29-4C super ferritic stainless steel. |
|  | Coupler Use as a drip free connection between two sections of liner. |
|  | 4" Ventinox Short Body Tee w/ 3" Branch Used to connect flex to pellet insert. Use as a 90° transition between liner and connector pipe at the wall thimble or rear flue outlet of a pellet appliance. |
|  | Sleeve Use to connect a liner into a appliance flue collar. |
|  | 90° Adjustable Elbow Use as a straight or up to 90° connection between liner and appliance flue collar. |
|  | 45° Adjustable Elbow Use as a straight or up to 45° connection between liner and appliance flue collar. |
|  | Tee w/ Removable Snout Use as a 90° transition between liner and connector pipe at the wall thimble or rear flue outlet of the appliance. Removable Snout with internal draw band allows for easier, through-the-wall thimble installation. |
|  | Tee Cover Attach to bottom of Tee body. Provides access for cleaning. |
|  | Long Tee Snout Use to increase reach through masonry at Wall Thimble. |

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|  | Swivel Tee Adapter Use as a connector between liner and Tee. Allows the tee body to be rotated at Wall Thimble |
|  | Rain Cap w/ Storm Collar Use to support liner from the top and form a seal between the Storm Collar and Top Plate. Top is removable for easy access to chimney cleaning. |
|  | Bird Screen Use to add a bird screen to a Rain Cap. |
|  | Top Cover Plate Use to close the top of a masonry chimney while providing support for the liner. |
|  | Bottom Plate w/ Collar Attach to bottom of liner in the smoke chamber of a fireplace, then pull up to form a seal between the liner and clay tile. |
|  | Offset Slide Adapter Use as a horizontally adjustable connector between a liner and top flue outlet of a heater. Adds up to 5" of offset. |
|  | Installation Cone Use with a rope to pull liner through offsets in masonry chimneys. Twists into liner. |
|  | VG Universal Take-off Use to connect additional appliances into a common vent. |
|  | 3" - 4" Pellet Step Increaser Use to connect 4" diameter Ventinox flex to a 3" diameter pellet insert. |
|  | VG Increaser/Reducer Use to increase or decrease vent diameters. Additional sizes available through special orders. |
|  | Round-to-Oval Flex Connector Use to connect round portion of this connector to round liner. Oval portion of connector fits through fireplace dampers. |
| | Oval Flex Connector Use as a flex connector between the top of a fireplace insert and the bottom of a clay tile. |
| | Round Insert Boot Use to connect inserts with either rectangular or round flue collars to 6" or 8" liners. Made from 11 gauge carbon steel. |

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|  | Sealing Kits Use to seal damper. The VSK Damper Sealing Kit rests on top of the fireplace damper frame and seals the area around the Oval Flex Connector. Kit includes 2 panels, cross-bars to tighten against the damper frame for a secure fit and wing nuts. Fits up to 49" wide dampers. The VCK Connector Sealing Kit fits underneath the damper frame and seals the area around the Oval Flex Connector. Kit includes 2 plates, an insulation panel, support bars with hardware, connector and wing nuts. First up to 48" wide dampers. Each Sealing Kit is universal for diameters 6"-10". |
|  | Oval Insert Boot Use to connect inserts with 5" to 8" round flue collars to 8" Oval Flex Connectors. Made from 11 gauge carbon steel. |
|  | Oval Adjustable Insert Boot Use to connect inserts with rectangular flue outlets to Oval Flex Connectors. Top Plate can point straight up or back towards the damper. Made from 11 gauge carbon steel. |
|  | Round-to-Oval Adapter Use as a drip-free connection between a round liner and Round Flex Connector |
|  | Oval-to-Round Adapter Use as a drip-free connection between a round liner and Oval Flex Connector. |
|  | TherMix Use to fill space between a liner and the inside masonry chimney. Ready-mix formula cures into lightweight, semi-hard mass that strengthens chimney structure. |
|  | ProFoil Use as insulation for stainless steel liners in masonry chimneys. UL Listed insulation. |
|  | AluFoil Use to seal seams for ProFoil insulation. 2 mil aluminum foil tape has strength and adhesion. |
|  | ProMesh Use to protect ProFoil during installation. 304 stainless steel mesh slides over insulated liner. Shrinks to fit liner when pulled lengthwise. |

What Makes Us Different From The Rest?

Ventinox: The optimum in safety and performance for flexible lining.

