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.

Typical Installations

- Gas Furnace Installation
- Gas Stove Installation
- Fireplace Insert Installation
- Fireplace Installation

How It Works

The Ventinox Flexible Chimney Relining System is the only continuous welded, precision engineered spiral corrugation flue on the market. Ventinox is a super-weather resistant seamless flue pipe impervious to Fair gams and dampness condensate. The corrugated finish is impervious to other corrosive 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 extreme moisture, like “acid rain” that stains, weakens, and destroys chimneys from the inside out. Ventinox’s unique 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.

Leaders in Venting Innovation™

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 your 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

Leaders in Venting Innovation™

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

Leaders in Venting Innovation™
Ventinox® Product List

Ventinox® ULC S635 (MH14420)
- UL Listed to UL 1777 and 3" - 12" appliances.
- VG 0" clearance to masonry for gas insulation.
- 0" clearance for solid fuels.
- VFT 0" clearance to masonry chimney.

Clearances
- VG 0" clearance to masonry chimney.
- VFT 0" clearance to masonry insulation.

Background
- Ventinox VG is the ultimate choice for venting gas 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 cracking.

Materials and Construction
- Ventinox VG is the exclusive venting system category I/II natural gas, propane or oil appliances, wood or pellet stoves, furnaces, space and water heaters.
- Ventinox is continuously welded stainless steel. Continuous weld delivers a strong, air tight and water tight flue gas conduit.
- Components feature no pitting, crevice, and stress corrosion and cracking.
- Buildings and structures using this venting system to the insulation section to find information on our offering:

Applications
- VG Flexible liner assemblies can withstand high temperatures associated with solid fuel fired heaters, as well as the corrosive environments typical in gas or oil vents. Tested and billed for all fuel, and can also be used for wood, gas, or oil-fired appliances.
- VG flexible liner assemblies are designed to vent Category I gas 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 cracking.

VG Flexible liner assemblies are an air tight flexible liner tube that can be installed with a minimum of 6". Available in 6" and 8" diameters.

VG Universal Take-off Can be used to connect inserts with 5" to 8" round flue collars.
- VG Universal Take-off is universal for diameters 6"-10".
- VG Universal Take-off includes 2 plates, an insulation panel, support bars and wing nuts. Each includes 2 panels, cross-bars to tighten against the damper frame and wing nuts. Kit rests on top of the fireplace damper frame and seals the area around the Oval Flex Connector. Kit includes 2 plates, an insulation panel, support bars and wing nuts.
- VG Universal Take-off kits are for use with oval to round damper frames. Each kit includes 2 oval-shaped plates, insulation panel, support bars and wing nuts.

Additional Sizes
- Additional sizes available through special orders.
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