

"VISION XL" ZERO CLEARANCE

DROLET STOVES AND FIREPLACES INC.

**A-45033
REV. 09/96**

DROLET "VISION XL" zero clearance fireplace

OPERATION AND INSTALLATION INSTRUCTIONS

- Read instructions before assembling and keep for future reference.
- Consult local authorities for special standards applicable for the necessary licenses.
- Install as instructed by the manufacturer and in compliance with the National Building Code.

INCLUDED WITH UNIT:

- 1 - Insulated fireplace
- 6 - Refractory stones for combustion chamber
- 2 - Air circulating grills
- 8 - Metal screws
- 8 - Wood screws no. 8, 1 1/2" (38 mm) round head
- 1 - Extensible and flexible insulated air duct (8" diam.)
- 4 - Tight straps with #8 screws, 1 1/4" long.
- 2 - Galvanized steel increaser 3" to 4"
- 1 - Galvanized steel protective shield 11" x 36" to be installed under the fireplace.

BUY YOUR CHIMNEY KIT AS FOLLOWING:

- Chimney anchor plate
- Chimney lengths
- Insulated elbows when necessary
- Vented flashing
- Rain cap
- Joist and rafter radiation shields
- Chimney support

OPTIONAL PART

- Fireplace screen
- Air inlet kit (insulated 4" diam. duct and one grill)
- Exterior air inlet grill, 4" diam.
- Additional air circulating duct kit (8" diam.)

INSTALLATION OF UNIT

- Locate your unit in the room.
- The fireplace can be installed directly on the floor or raised on a combustible structure.

(plan 1)

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(plan 2)

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(plan of the pipe)

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ATTENTION

The fireplace will lay on a rigid surface. Every single part that make up the base will lay on the surface to uniformly spread the weight. Failure to follow the proceeding recommendations could result in damages to the unit.

INSTALLATION OF EXTERIOR AIR INLET

- It is not mandatory to connect the fireplace to an exterior air inlet, except when specified in a local code. However, this option greatly reduces the risk of negative pressure in the house. If you decide to proceed with the installation of the exterior air inlet, we recommend our option #E-5964, which includes one flexible insulated pipe of 4" x 10", and a rain cap with anti-vermin grill.
- Cut off the insulation apparent in the 4" x 10" hole low on each side of the unit.
- Enter pipes in the holes previously punched each side of the unit and connect to the fireplace air inlets, secure in place using binding collars.
- Use a rain shield and anti-vermin grill on the exterior face of the house wall.

STRAIGHT LINE OR OFFSET INSTALLATION ARE PERMITTED

The chimney can be installed straight up, or using two offsets up to 90⁰, including 1-90⁰ elbow (2-45⁰ or 3-30⁰) and one clean out tee.

THE FOLLOWING CHIMNEYS ARE HOMOLOGATED FOR SUCH INSTALLATIONS:

Security chimney 7" & 8" (178mm & 203 mm) ASHT model
Security chimney 7" & 8" (178mm & 203 mm) S-2100 model
GSW chimney 7" & 8" (178mm & 203 mm) Super Chimney 2100 model
GSW chimney 7" & 8" (178mm & 203 mm) FC model
Selkirk Metalbestos 7" & 8" (178mm & 203 mm) SS model
Selkirk Metalbestos 7" & 8" (178mm & 203 mm) Sentinel or Select model
Oliver Macleod 7" & 8" (178mm & 203 mm) Hi-Temp 3103 model
Oliver Macleod 7" & 8" (178mm & 203 mm) Hi-Temp 3000 model

CHIMNEY INSTALLATION

- Install the chimney as required in the chimney manufacturer's instructions.
- Use the anchor plate specific to the chimney model used and fix on top of the unit with 4 metal screws.
- When a 7" chimney is installed on the "0" clearance Vision XL it is necessary to use the stainless steel chimney adaptor plate supplied with the unit.

This part is used to center the chimney anchor plate on the fireplace.

- Set the adaptor plate on the fireplace as shown on drawing (see drawing) and then fix the anchor plate.

Chimney anchor plate

7"0 Chimney adaptor plate

(plan)

- Use radiation shields in joist and rafter areas and fire stops appropriate when going through combustible walls and ceilings.
- Use a ventilated roof flashing.
- The minimum height of the chimney and fireplace assembly must be at least 15' (4,5 meter), and the maximum height 35' (10,7 meter) for 8" chimney. There is no maximum height for 7" chimney.
- The chimney must extend at least 3' (914 mm) over the roof and 2' (610 mm) over any construction or part of the building in a radius of 10 feet (3 m).
- Use a roof braces when chimney extend more than 5' (1,5 meter) over the roof.
- When proceeding with offset installation, make sure that elbows are anchored using lateral supports.

INSTALLATION OF HOT AIR OUTLET (See drawing)

- Use extensible and flexible insulated pipe supplied with your unit.
- Stretch extensible pipe to its maximum length, 10 feet. Bend to form a 90⁰ elbow and cut at desired length.
- Insert pipe into its insulation covering.
- Insert assembly into the connectors on the unit and screw in place.
- Fastened insulation covering at pipe connection using supplied strapping.

INSTALLATION OF AIR GRILLS

- Through the openings at chosen grills location on the wall, take out pipe long enough to proceed with fixing grills.
- Flexible pipe and grills are secured together using metal screws.
- Fastened insulation covering at the pipe connection on the grill using supplied strapping.
- Screw grill assembly in place on the wall.

ATTENTION

Make sure air ducts do not touch to the chimney as it could damage the ducts insulation wrapping. There should be a 1" (25 mm) clearance around the hot air duct when crossing a combustible structure.

NOTES ON INSTALLATION

Do not forget to install under the fireplace the protective shield provided with it, following the instructions written on it.

Hot air outlets can be extended to carry heat in an other room. When you do so, use only the same type of pipe as those supplied with the unit. The maximum length of each duct should not extend 10 ft (3 m).

Fix hot air grills at a level higher than the air exit on the top of the fireplace (minimum 5 ft (1,5 m) over the floor) because it could affect the thermosiphon effect and overheat the unit. These grills are to be installed on the face of a wall and not on a floor or ceiling.

WARNING

DO NOT USE INSULATION OF OTHER FILLING MATERIAL IN THE AREA BETWEEN FIREPLACE AND THE CEILING, NEITHER BETWEEN FIREPLACE AND SURROUNDING WALLS.

COMBUSTIBLE MANTEL AND DECORATIVE BEAM

- The clearance of a combustible mantel or beam must not be closer than 6” (152 mm) over any metallic part at the frontage of the fireplace.
- If the projection of the mantel is more than 6” (152 mm) the clearance over the frontage must not be less than 12” (305 mm).

COMBUSTIBLE AIR AND TIGHT HOUSES

Even if it not mandatory, unless specified by a local code, we recommend that at least one of combustion air inlet be connected outside the house to compensate for negative pressure created by use of air exhaust appliances as fuelburners, clothesdryers, etc.

Negative pressure often results in the malfunction of the woodburner to the extent that it may even create the reverting of the natural flow of hot gases in the chimney with all the obvious resulting inconveniences.

Newer houses are generally more tightly constructed than the older ones because of improved construction practices, including tighter windows, weather stripping and caulking. This fact increases the probability that infiltration may not be able to supply enough air to compensate for simultaneous operation of exhaust fans, fireplaces, clothesdryers, furnaces and space heaters.

HOW YOUR VISION XL WORKS

The Vision XL can be operated with doors opened as well as closed.

When doors are opened or removed, it works like a standard fireplace. However, more heat is saved from the double wall construction of the Vision XL. This mode of operation requires completely open air intake controls, if you have installed the outside air inlet. Doing so, you will allow outside air in the combustion chamber, reducing the risk if negative pressure.

When you want to save more heat, operate the fireplace with closed doors. Closing the doors makes the system air-tight and allow better control of combustion. Air controls must be opened or closed simultaneously for air distribution to be even all around doors. When air controls are pulled full out, combustion air enters the fireplace from below and above doors. The more you push air controls toward stove, the more you close air intakes. In the air intake slides there is a 1/16” hole indicating the approximate position for minimum combustion.

OPERATING YOUR VISION XL

Only wood with a moisture content below 20% can be used as fuel.

The Vision XL is not designed for fire-dogs or other accessories to support or contain fuel.

When first using your fireplace, do not over heat to avoid thermal shock that could damage paint and refractory stones. Make sure that room is well ventilated to evacuate paint fumes.

Before lighting fire, make sure that both air controls are completely open (pull out). If you feel a down draft from the chimney, open a nearby window for a few minutes to balance indoor and outdoor pressure. Place a few balls of burning paper above anti-backup neck, as close as possible to chimney to warm up the air and revert draft. You may then proceed with lighting of the fire in the combustion chamber.

Keep controls pulled out until you get good combustion. Then, you may add larger logs until you get a bed of coals. At time of second loading, you may push air controls to control combustion if desired.

When you must open doors to add fuel, open both doors slowly and simultaneously. This will avoid creating a low pressure area that could cause smoke to leak into the room.

WARNING!

FIREPLACES EQUIPPED WITH DOORS SHOULD BE OPERATED ONLY WITH DOORS FULLY OPEN OR DOORS FULLY CLOSED. IF DOORS ARE LEFT PARTLY OPENED, GAS AND FLAME MAY BE DRAWN OUT OF THE FIREPLACE OPENING, CREATING RISKS OF BOTH FIRE AND SMOKE.

NEVER USE GASOLINE, GASOLINE TYPE LANTERN FUEL, KEROSENE, CHARCOAL LIGHTER FLUID, OR SIMILAR LIQUID TO START OR FRESHEN UP A FIRE IN THIS FIREPLACE. KEEP ALL SUCH LIQUIDS WELL AWAY FROM THE FIREPLACE WHILE IT IS IN USE. NEVER KEEP FLAMMABLE MATERIALS NEAR FIREPLACE.

CREOSOTE; Formation and need for removal

When wood is burning slowly, it produces tar and other organic vapors, which combined with expelled moisture generates creosote. The creosote vapors condense in the relatively cool chimney flue of a slow-burning fire. As a result, creosote residue accumulates on the flue lining. When ignited, creosote makes an extremely hot fire.

- The chimney should be inspected at least twice a year during the heating season to determine if a creosote build-up has occurred.
- If creosote has accumulated, it should be removed to reduce the risk of a chimney fire.
- Burning dry wood decrease the likelihood of cool fire and creosote build-up. Small loads are preferable to slow-burning large loads if little warmth is desired.
- Excess creosote build-up on door glass is evidence of incorrect use of stove or use of moist wood.
- Inspect interior of chimney frequently. If necessary, hire a chimney sweep. Too much creosote build-up in chimney could result in uncontrollable blaze at time of lighting- a chimney fire.
- Stay in touch with your vendor and do not hesitate to ask for advice. Your vendor will find the solution to your problem.

DOOR GLASS

- Inspect door glass regularly for cracks. If you find a crack, let the fire go out and do not use it again until the broken glass has been replaced.
- Never replace glass with other material.
- Never slam doors and never knock on glass. When shutting doors, make sure that logs are placed as so, to protect the glass.
- Never clean glass with an abrasive product. Scratches could evolve into cracks and glass could break.
- Clean glass only when your fireplace is off. Regular oven cleaners or specialized products available at your dealer may be used.
- Never use flammable products that might cause an explosion.
- The glass used is transparent ceramic, type Pyroceram, Neoceram or Robax.

Dimension are:

Single door: 708 mm x 499 mm x 5 mm(27 7/8" x 19 5/8" x 3/16")

Double door: 329 mm x 460 mm x 5 mm(12 15/16" x 18 1/8" x 3/16")

GOLD DOORS CLEANING

Do not clean gold doors with materials which may scratch or otherwise damage them. Do not use abrasive cleaners, nor chrome or silver cleaners because they can be corrosive. Household cleaners are adequate.

TYPE OF GASKET

Gaskets must be replaced when wear appears. The replacement parts are available at your dealer.

DISPOSAL OF ASHES

Ashes should be placed in a metal container with a tight-fitting lid. The closed container of ashes should be placed on a non combustible floor or on the ground, well away from all combustible materials, pending final disposal. If the ashes are disposed of by burial in soil or otherwise locally dispersed, they should be retained in the closed container until all cinders have thoroughly cooled.

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LIMITED 25 YEARS GUARANTEE

DROLET STOVES & FIREPLACES INC. hereby guarantees the quality of its “ Vision XL “ controlled combustion fireplace which bears listed approval of Warnock Hersey under ULC standards. The product shall be delivered to the buyer in good condition and the latter shall inform the vendor immediately of any defect in the product.

During the first year of the limited guarantee, **DROLET STOVES & FIREPLACES INC.** will provide free replacement and will look after labour costs deemed reasonable by the company and strictly related to the unit itself. All other costs related to dismantling the structure, decoration, the chimney, etc. are the responsibility of the fireplace owner.

Note that the steel parts of the door and wooden handles and log guard are guaranteed for one (1) year only.

From the second to the fifth year of the **LIMITED GUARANTEE, DROLET STOVES & FIREPLACES INC.** will provide free replacement for defective parts. **DROLET STOVES & FIREPLACES INC.** will reimburse labour costs related to replacement of same.

Note that air control components are guaranteed for five years only.

From the sixth to the twenty-fifth year of the limited guarantee, **DROLET STOVES & FIREPLACES INC.** will provide replacement parts at 50% of the suggested retail price. **DROLET STOVES & FIREPLACES INC.** will not cover the costs related to parts replacement.

The guarantee is conditional upon proper installation in accordance with the manufacturer’s instructions and can be canceled by the manufacturer for improper usage.

All repairs must be approved by an official representative of the company before being undertaken.

The delivery costs of all replacement parts provided by **DROLET STOVES & FIREPLACES INC.** are the responsibility of the client.

This guarantee may not be transferred to a second person and becomes effective on the date of purchase of the product.

The guarantee may not be extended in any way by our representatives, dealers or any other intervening party.

Refractory stones, paint, gasket and glass are not covered by this guarantee.

No other claim of any nature whatever shall be considered by the vendor of manufacturer.

DROLET STOVES & FIREPLACES INC.

1700, Leon-Harmel
Quebec, Qc (Canada)
G1N 4R9

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