

FIREPLACE INSERT DIRECT CONNECT KIT

The Lifetime Lining System™

Single wall chimney lining kit



PARTS LIST

- 1 Stainless Steel Single Wall Liner (25' x 6")
- 1 304 Series Stainless Steel Rain Cap
- 1 Stainless Steel Top Plate
- 1 Stainless Steel Wood Stove Adapter

INSTALLATION INSTRUCTIONS

- If chimney requires field drilling, use a 1/4" stainless steel drill bit to drill through the inner section of the chimney liner section.

- Wall penetration assemblies are not to be located directly behind a heating appliance.

The following criteria shall apply to a connector to a masonry chimney:

- It shall extend through the wall to the inner face or liner but not beyond.

- It shall be firmly cemented to masonry.

- If a thimble is used to facilitate removal of the chimney connector for cleaning, the thimble shall be permanently cemented in place with high-temperature cement.

- The effective area of a connector for a single appliance shall not be less than the area of the appliance flue collar, unless it is part of an engineered venting system.

Sizing:

- Size the liner according to equipment manufacturer's instructions and/or local building codes. The chimney liner must be sized not less than that specified in the appliance manufacturer's instructions.

Local Approval:

- Contact local fire or building officials about restrictions and installation inspection in your area.

Cleaning existing chimney:

- The chimney must be clean and free of debris.

- All soot dirt creosote including tar and glaze creosote must be removed prior to installation.

- Proper cleaning of the chimney is a warranty prerequisite.

- The internal and external condition of the chimney must be checked for safety and repaired as necessary.

- The chimney must terminate above the roof line as per NFPA-211.

- Run a guide cone up and down the chimney to clear any obstructions and to ascertain that the liner diameter will pass through the chimney's flue opening.

Choosing the correct type of stainless steel:

- Type 304/316 or (304L/316L), 430 and 446 stainless steel can be used for wood, oil and low efficiency gas appliances. Type 304/316 can also be used as a fireplace liner. The high efficiency gas furnaces require another type of venting system. Refer to the manufacturer's installation instructions before connecting a liner to a gas appliance.

Connection to UL listed direct connect system:

- The liner system may be connected with a UL listed direct connect system which is installed in accordance with the manufacturer's instructions. You must use a stainless steel pipe connector or stainless steel transition or slip connector to make the connection. The liner must also be sized (cross sectional area) the same as the direct connect system.

Liner Installation:

- Inspect the chimney for cracked, loose or missing bricks or stones. Check for missing mortar joints. The chimney must be a minimum of 4" thick throughout. No chimney should be relined that is not structurally sound. Also inspect the air space clearances between the exterior of the masonry chimney and any combustibles. These clearances must be in accordance with current NFPA 211 standards or the local building codes. Check the height of the chimney to be certain it conforms to the recognized regulations.

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INSTALLATION INSTRUCTIONS CONTINUED

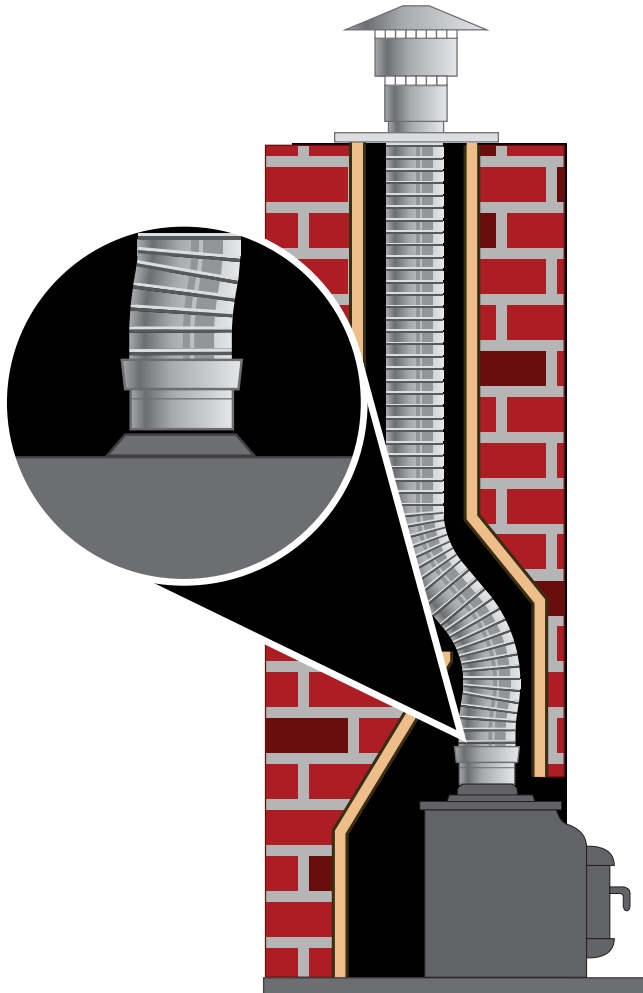
Liner Installation:

- This installation must include the rain cap, a protective covering or housing for the top of the chimney intended to prevent the entry of rain, snow, animals and birds, and to prevent down drafts.
 - Initial installation of chimneys, fireplaces and vents shall allow inspection of the surroundings to determine that the required clearances have been maintained and that correct provisions for support, stabilization, future inspection and maintenance are in place.
- Minimum air space clearance:
- Residential: 1" (25mm)
 - Low-Heat: 2" (51mm)
 - Medium-Heat: 4" (102mm)
- All wood beams, joists, studs and other combustibles material shall have a clearance to masonry fireplaces as follows:
 - Not less than 2" (51mm) from the front faces and sides
 - Not less than 4" (102mm) from the back faces of masonry fireplaces
 - Slide the top plate over the liner and place on the clay tile and center.
 - Mark the outline of the clay tile on the underside of the top plate.

- Remove and trim the top plate to the size marked. Trim the liner so that 4" of liner extends above the top of the clay tile.
- Apply a wide bead of high-temperature silicone around the top surface of the clay tile.
- Place the top plate over the liner and slide down onto the silicone.
- Hold in place firmly to create a good seal.
- Screw the four fasteners provided through the 2" collar of the top plate and into the liner.
- Remove excess silicone.
- Two pieces of Lifetime smooth wall chimney liner may be joined together with the proper connector and fasteners from Lifetime Chimney Supply.
- The joints must be sealed with high-temperature silicone.

Initial firing:

- Before the initial firing of the appliance, check the appliance's operating instructions for initial firing precautions.



304 Series Stainless Steel
Rain Cap



Stainless Steel
Wood Stove Adapter



Stainless Steel Top Plate



Stainless Steel Single Wall Liner
(25' x 6")