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INSTALLATION INSTRUCTIONS FOR IHP HORIZONTAL COMPACT TERMINATION KITS FOR USE WITH DIRECT-VENT GAS FIREPLACES

[Kit models SV4.5HTKCT, SV4.5HTKCT20, all SFKITXXCT, SF4.5HTKCT]

⚠ WARNING

HOT GLASS WILL CAUSE BURNS. DO NOT TOUCH GLASS UNTIL COOLED. NEVER ALLOW CHILDREN TO TOUCH GLASS.

- **Install only when fireplace is OFF and COLD.**
- **Fireplace surfaces get EXTREMELY HOT!**
- **The glass on the front of the fireplace reaches EXTREMELY HIGH temperatures and can cause severe burns if touched. Even after the gas is turned off, fireplace surfaces remain extremely hot.**
- **Keep children away from an operating fireplace. Closely supervise children in any room where a fireplace is operating to prevent contact with glass.**

Required Tools

- Safety Glasses
- Protective Work Gloves
- Carpenter's Level
- Phillips Screwdriver

General Information

This document details installation instructions for the SV4.5HTKCT, SV4.5HTKCT20, all SFKITXXCT, and SF4.5HTKCT horizontal compact termination kits. Information provided here supplements the instructions provided with each fireplace and may be redundant to that information. The intent of this document is to provide complete instructions for the aforementioned terminations, particularly any instructions exclusive to the installation of these terminations.

These horizontal compact terminations are intended for use ONLY with the following IHP direct-vent gas fireplaces:

- Aries 33", -35", -40"
- DRT/DRC2033, -2035, and -2040
- VeniceLightsTEN, VeniceLightsTEP
- DRL4543TEN, DRL4543TEP

These terminations may not be used with other models. The terminations covered by this document seamlessly integrate with all other components of the approved fireplaces, and when installed in accordance with the directions provided here—and with the fireplace—constitute a complete, approved and listed installation.

Install the Horizontal Termination Vent System

These instructions should be used as a guideline and do not supersede local codes in any way. Install venting according to local codes, these instructions, the current National Fuel Gas Code (ANSI-Z223.1) in the USA or the current standards of CAN/CGA-B149.1 in Canada.

Ensure clearances are in accordance with local installation codes and the requirements of the gas supplier.

Dégagement conforme aux codes d'installation locaux et aux exigences du foumisseunde gaz.

Installation Preparation

Refer to the fireplace installation instructions for more information.

1. Analyze the vent route and determine the number of vent sections and elbows required.
2. Frame the exterior wall opening.
3. Frame the ceiling opening.
4. If required, install the vent gasket.
5. Attach the vent components to the fireplace.
6. Attach the vent components to each other.
7. Install the firestop/spacer at the ceiling.
8. Support the vertical run sections.
9. Change vent direction.
10. Continue installation of horizontal/inclined sections.
11. Assemble the vent run to the exterior wall.
12. Attach the termination adaptor.
13. Install the firestop/spacer at the exterior wall.

Install the Compact Termination

1. From outside the exterior wall, slide the collars of the termination onto the adaptor (the outer over the outer and the inner inside the inner) until the termination seats against the exterior wall surface to which it will be attached.

   NOTE: Orient the housing of the termination with the arrow pointed upwards.

2. Secure the termination to the exterior wall.

   NOTE: The horizontal termination must not be recessed into the exterior wall or siding by more than the 1 1/4" (32 mm) (***Figure 1***).

If the venting exits the building below grade, or close to grade, **see the appliance manual for available snorkel terminations. The termination must be above grade and above the expected level of snow accumulation.**

⚠ WARNING

The vent termination is hot while in operation and for a period of time following the use of the fireplace.

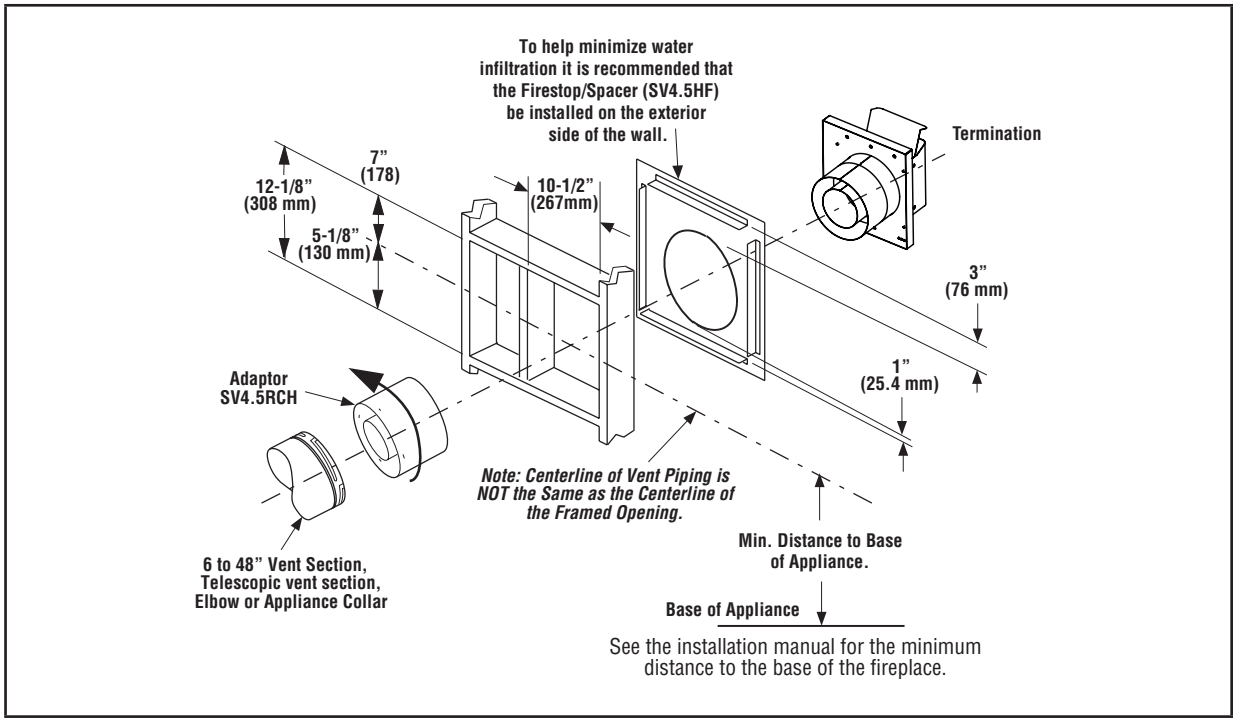
To prevent contact with hot surfaces, use a horizontal termination guard; available for purchase at your local dealer.

The horizontal terminations have been designed to perform in a wide range of weather conditions. Our terminations meet or exceed industry standards.

When selecting the locations of your horizontal terminations, **do not place the termination where water from eaves and adjoining rooflines may create a heavy flow of cascading water onto the termination cap**. If the cap must be placed where the possibility of cascading water exists, it is the responsibility of the builder to direct the water away from the ter mination cap by using gutters or other means.

Take care to carefully follow the installation instructions for the termination, including the use of silicone caulking where required.

Figure 1: Installing the Horizontal Termination



NOTE: To help minimize water infiltration install the firestop/spacer (SV4.5HF) on the exterior side of the wall.

Figure 2: Venting Connection and Exterior Wall Recessing of the Horizontal Compact Termination (SV4.5HTKCT)

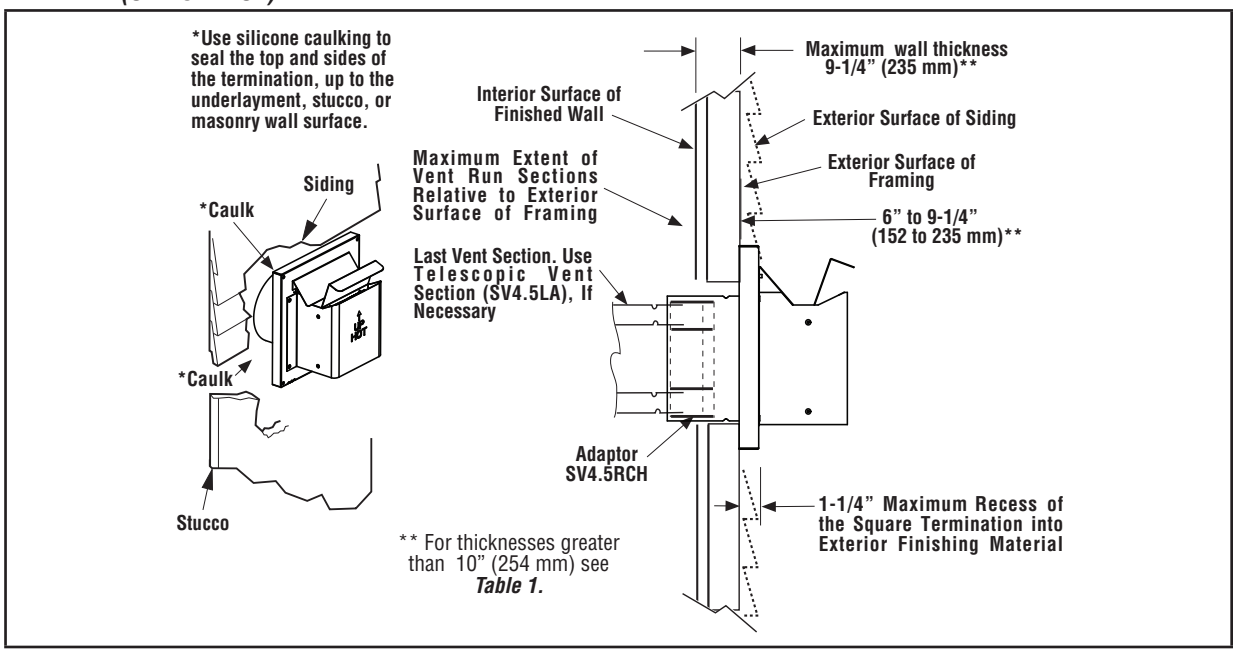


Table 1: Venting Components Required for Various Exterior Wall Thicknesses, when using Typical Termination Kits

Vent Components Required	Exterior Wall Thickness
Termination Kit Only	6–9 1/4" (152–235 mm)
Termination Kit and 6" Vent Section (SV4.5L6)	10 3/4–14" (273–356 mm)
Termination Kit and 12" Vent Section (SV4.5L12)	16 3/4–20" (426–508 mm)
Termination Kit and Telescopic Section (SV4.5L12)	11 3/4–20" (299–508 mm)

NOTE: See ***Figure 2*** for wall thickness ranges when using SV4.5HTKCT termination kit.

Horizontal Vent Figures/Tables

NOTE: Secure Vent® rigid vent pipe and terminal are shown in the figures. Secure Flex® flexible vent pipe and terminal may also be used.

NOTE: Two (2) 45° elbows may be used in place of one (1) 90° elbow. The same rise to run ratios, as shown in the venting figures for 90° elbows, must be followed if 45° elbows are used.

NOTE: Maintain the horizontal/inclined run in a straight (no dips), slightly elevated plane. The recommended incline is approximately 1/4" per 1 ft (20 mm per 1 m) horizontal, in a direction away from the fireplace. Smaller rise per foot run ratios are acceptable all the way to at or near level. Use a carpenter's level to measure from a constant surface and adjust the support straps as necessary.

NOTE: SV4.5VF (Secure Vent), SF4.5VF (Secure Flex) firestop/spacer must be used any time vent pipe passes through a combustible floor or ceiling. SV4.5HF (Secure Vent), SF4.5HF (Secure Flex) firestop/spacer must be used any time vent pipe passes through a combustible wall.

⚠ WARNING

Do not join separate sections of concentric flexible vent together.

IHP reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and also to discontinue colors, styles and products. Consult your local distributor for fireplace code information.

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