

Preliminary Installation Guide

for the Fireside Franklin Gas Stove

Introduction:

Your Fireside Franklin gas stove is surprisingly simple and inexpensive to install. Direct vent pipe can be installed virtually anywhere, through a wall or ceiling. Whether you're a do-it-yourselfer or hire an outside installer, this guide will allow you to begin planning the installation that best suits your needs. There are always exceptions, and should you need assistance or advice at any time in the process, please call our expert and experienced staff at (800) 866- 4344.

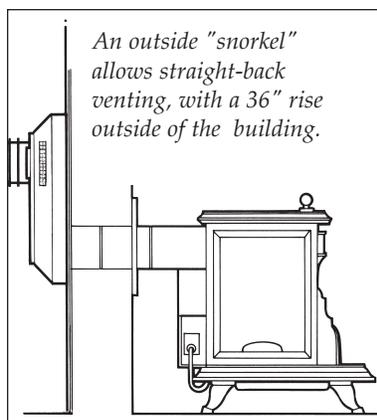
What You Can Do Before You Purchase A Fireside Franklin Gas Stove

You can, and should, figure out how and where you are going to install your stove before it arrives. Use this guide to help determine where you will run the vent pipe. The termination cap is hot, so you will want to keep it away from places where there is heavy traffic. Clearance requirements don't allow the termination cap to be within 12 inches of a window that opens or ventilation air supply inlets, for example. Use this guide to determine whether your intended location will work.

I. Choice of 6 Different Ways To Vent The Fireside Franklin

The Fireside Franklin gas stove is approved for venting in SIX (6) configurations. See [Gas Stove Brochure PDF](#) for illustrated examples of venting installations and the parts required for each installation.

1. Straight up vertically through the roof with a maximum height of 24 feet.
2. Up and out, with a horizontal run of 4' or less. The maximum horizontal run is four feet in all cases. You must also ensure a 1/4 inch rise per foot of horizontal run (1 inch of rise for 4 feet of run). If you have 4 feet of horizontal run, the maximum allowable chimney height is 20'
3. Straight back, through an exterior wall, and into a "snorkel termination cap." The "snorkel" goes up the outside of the building a total of three feet, and provides draft.
4. Into a masonry chimney with an existing single flue and a maximum height of 24 feet



and minimum inner flue diameter of 6".

5. Into an existing fireplace with a maximum height of 24 feet and a minimum inner flue diameter of 6".
6. Into an existing prefabricated metal chimney with a maximum height of 24 feet and a minimum inner diameter of 6".

System Requirements:

- A. The venting system must have two (2) feet of vertical rise for every one (1) foot of horizontal run.
- B. The total length of the venting system must be calculated to plan your installation. Deduct 3 feet for each 90-degree elbow and 1.5 feet for every 45-degree elbow from the total amount of lineal travel allowed by an installation (excluding the 90 or 45 attached as the first piece of venting to the fireplace).

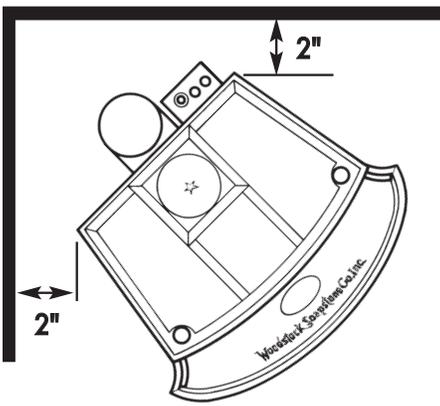
How to calculate lineal footage:

For example, if you need to travel 4 feet vertically and 2 feet horizontally to a termination cap, your lineal footage is 9 feet. 9' is the sum of the following: 0' (elbow at stove) + 4' (straight venting) + 3' (elbow) + 2' (straight venting) = 9'.

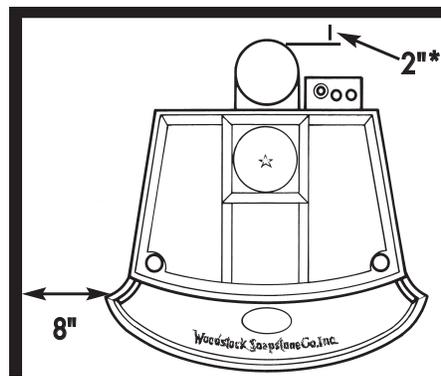
II. Plan Stove Location and Clearances

The Fireside Franklin gas fireplace is designed to have close clearances to the rear and sides of the appliance. To ensure your safety and proper functioning of the fireplace, these clearances must be maintained. Below are the minimum clearances allowed:

- ✓ Installing the Fireplace in the corner of a room, the rear corners of the fireplace must sit a minimum of 2 inches from the corner walls on both sides of the fireplace.
- ✓ In installations other than a corner, the rear of the fireplace must be a minimum of 10 inches from the wall behind it and the sidewalls of the fireplace must be a minimum of 8 inches from any adjacent walls. (Clearance to the wall in an "up and out" installation will be determined by the combined radii of the two elbows, and will be approximately 12".)
- ✓ In the case of an alcove installation the minimum height from the top of the stove to the ceiling is 56 inches (or 84 inches from floor to ceiling).
- ✓ Direct vent pipe for your fireplace must at no time be any closer to a wall than 2 inches, or closer to a ceiling than 6 inches.
- ✓ Your Fireside Franklin must also be placed on a non-combustible surface, such as ceramic tile, stone, brick, or metal. The surface must be 24 inches by 30 inches (we recommend a hearth of 36 inches by 36 inches) or greater to provide adequate safety and protection to you and your home.



Minimum Clearances: Corner Installation



Minimum Clearances: Parallel Installation
* 2" clearance can only be achieved with a straight-up vertical vent configuration.

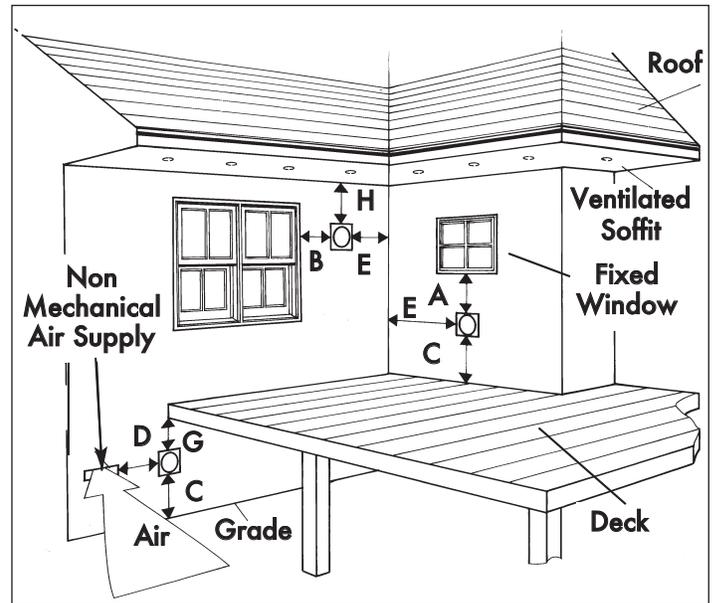
- ◆ A minimum of 6 feet must be maintained from:
 - ✦ Service regulator vent outlet (BELOW LEFT "K")
 - ✦ Mechanical air supply (BELOW LEFT "L")
- ◆ A minimum of 7 feet must be maintained above:
 - ✦ A paved driveway or sidewalk on public property (BELOW LEFT "M")

Venting may NEVER terminate above a sidewalk or driveway that is between two single-family dwellings and services both.

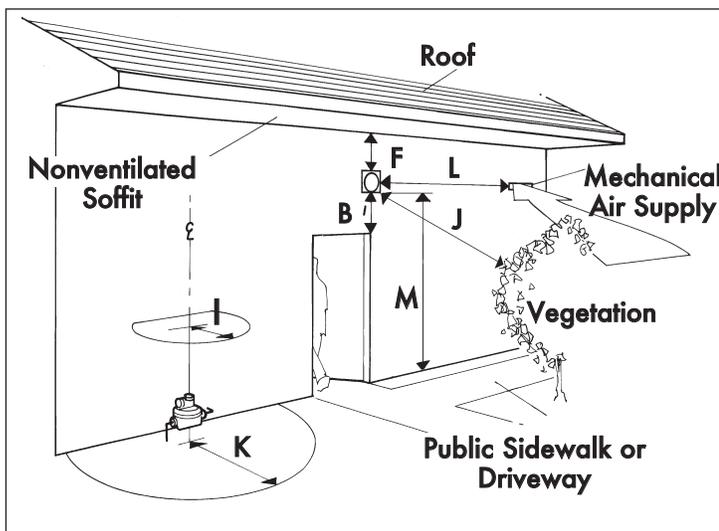
III. Termination Clearances:

The vent pipe must terminate outside the home with clearances adequate to protect against heat and against exhaust re-entering the house. Below are the approved minimum clearances for the termination cap of your Fireside Franklin gas fireplace:

- ◆ For vertical terminations the direct vent pipe must extend 1.5 to 2 feet above the roof surface.
- ◆ A minimum of 12 inches must be maintained from:
 - ✦ Permanently closed window (RIGHT "A")
 - ✦ Door or window that may be opened (RIGHT "B")
 - ✦ Clearance above grade (RIGHT "C")
 - ✦ Below deck, veranda, or balcony (RIGHT "C")
 - ✦ Non-mechanical air supply inlet, combustion inlet or any other appliance inlet (RIGHT "D")
 - ✦ Inside corner or adjacent wall (RIGHT "E")
 - ✦ Non-ventilated soffit (BELOW "F")
- ◆ A minimum of 18 inches must be maintained from:
 - ✦ Deck, porch, veranda, balcony in a vertical direction (RIGHT "G")
 - ✦ Ventilated soffit located above the termination cap (RIGHT "H")
- ◆ A minimum of 3 feet must be maintained from:
 - ✦ Centerline of a service regulator (BELOW LEFT "I")
 - ✦ Vegetation (BELOW LEFT "J")



Horizontal termination caps must be positioned 12-18 inches above grade, and 12-18 inches away from windows, decks, soffits, and non-mechanical air supplies.



Service regulators and vents should be located away from vegetation, driveways, sidewalks, and other high traffic areas.



VERY IMPORTANT NOTE:

Connections Between Components

Simpson Dura-Vent GS system 6 5/8" venting is the only approved system for use with your Fireside Franklin gas fireplace. These venting systems have an interconnection locking system built into each vent piece allowing a safe and secure connection without need for additional hardware or tools. It is critical to the effective heating, proper flame pattern and your safety to ensure that each connection is completely secure. This is accomplished by assembling the venting with the female end toward the stove, pushing them together and twisting the piece to be connected in a clockwise direction 1/8 of a turn until it comes to a positive stop in the locked position. During the initial connection, you'll need to ensure that the inner pipes are overlapping, as this cannot be checked from the outside of assembled sections.