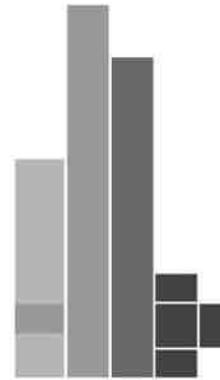


# SBI

## VENTING DIVISION DIVISION VENTING



## Pellet Vent

### INSTALLATION INSTRUCTIONS

**A MAJOR CAUSE OF CHIMNEY RELATED FIRES IS FAILURE TO MAINTAIN REQUIRED CLEARANCES (AIR SPACES) TO COMBUSTIBLE MATERIALS. IT IS OF THE UTMOST IMPORTANCE THAT THIS PELLETT VENT BE INSTALLED ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.**

**This Pellet Vent Pipe meets the requirements of the NFPA 211, CSA B365, UL 641, CAN/ULC S609 and ULC/ORD C441 Standards.**

Read through these instructions before beginning your installation. Failure to install according to these instructions will void the manufacturer's warranty and may have an effect on your homeowner's insurance and UL and ULC Listing status.

**IMPORTANT NOTE: YOU WILL FIND THE COMPLETE AND ILLUSTRATED SBI VENTING DIVISION PELLETT VENT INSTALLATIONS MANUAL IN THE PACKAGING OF THE FOLLOWING COMPONENTS:**

- Ceiling Support
- Wall Pass-Thru
- Attic Insulation Shield
- Firestop Radiation Shield

**READ AND KEEP THIS MANUAL FOR REFERENCE**

## GENERAL PRODUCT INFORMATION

The quality and workmanship of *SBI Venting Division Pellet Vent Pipe* is reflected in the recognition by an accredited laboratory has given these products. The rigorous UL and ULC testing requirements are your assurance of consistent quality, in materials and manufacturing standards, used for this chimney system.

In addition, the industry leading Warranty on SBI Venting Division Pellet Vent Pipe is a further indication of our confidence in the quality of these products. Thank you for choosing SBI Venting Division!

The SBI Venting Division Pellet Vent Pipe is UL 641, CAN/ULC S609 and ULC/ORD C441 listed to 570 °F or 300 °C in 3" (76mm) and 4" (102mm) Diameters.

This product must be installed, by a qualified chimney or venting professional, according to these installation and maintenance instructions. Read through and become familiar with these installation instructions before installing this product. Failure to follow these instructions may void the manufacturer's warranty and the listing status of this product.

## CODES & PERMITS

The criteria for installation must be in conformance with the specifications contained in the latest version of the NFPA 211 (USA) (Standard for Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances) or CSA B365 (Canada) (Installation code for solid-fuel-burning appliances and equipment) and local or state building codes, whichever has jurisdiction. It may be necessary to obtain permits before installing the chimney system. ALWAYS CONTACT YOUR LOCAL BUILDING OFFICIAL OR FIRE OFFICIAL REGARDING PERMITS, RESTRICTIONS AND INSTALLATION INSPECTIONS IN YOUR AREA.

## PRODUCT APPLICATIONS

SBI Venting Division Pellet Vent Pipe is tested and listed to UL 641, CAN/ULC S609 and ULC/ORD C441 for venting listed wood or corn pellet fuel fired appliances producing flue gas temperatures between 100 °C (212 °F) and 300 °C (570 °F)

## GENERAL SPECIFICATIONS

When selecting the location for an appliance and venting pipe it is necessary to take into account the rules of NFPA 211 (USA) or CSA B365 (Canada).

To calculate the Equivalent Vent Length (EVL) needed for your installation, follow the pellet heater manufacturer's instruction manual.

## CODES & CLEARANCES

**SBI Venting Division Pellet Vent Pipe** is listed by an accredited laboratory as a vent for listed pellet stoves. The minimum clearance from pellet vent to combustibles is 1" (2.5 cm). Never fill any required clearance space with insulation or any other materials.

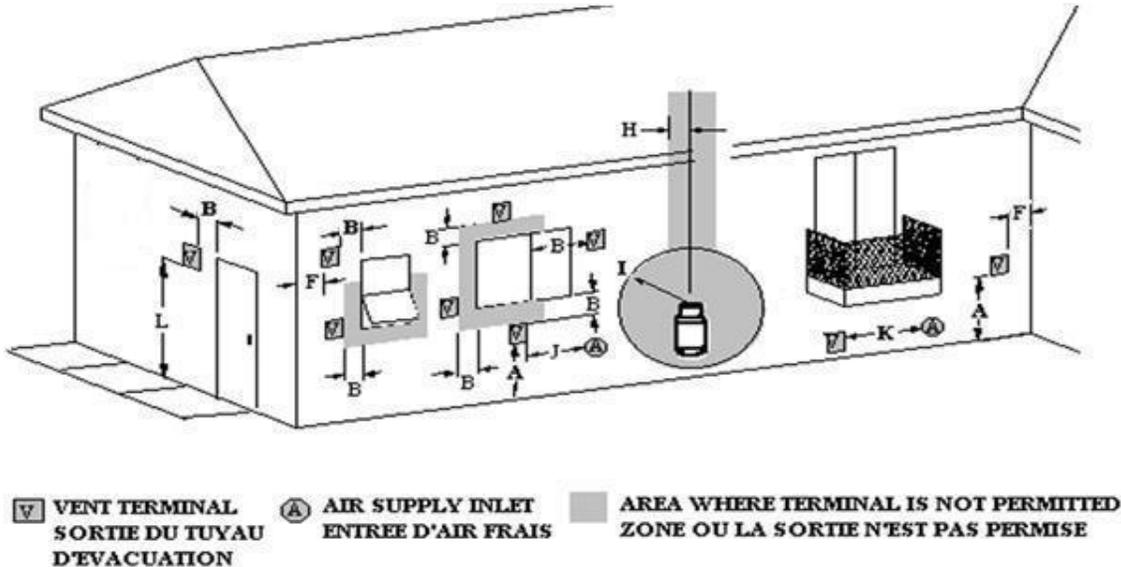
## Termination Location

Termination should not be located so that hot exhaust gases can be a hazard. They can reach temperatures of 500 °F and cause serious burns.

### **CAUTION: TERMINATION COLLAR (SPARK ARRESTER) IS MANDATORY.**

Refer to NFPA 211 (USA) or CSA B365 (Canada) for rules for the distance of exit terminal from windows and openings. The exit terminal of a mechanical draft system, other than a direct vent appliance shall be located in accordance with the following.

### Permitted Termination Location



### **Canada:**

Letter	Min. clearances	Description
<b>A</b>	12" (30 cm)	Clearances above grade level or any adjacent surface that might support snow, ice, or debris
<b>B</b>	39" (100 cm)	Clearance to window or door that may be opened
<b>F</b>	39" (100 cm)	Clearance to corner or adjacent wall
<b>H</b>	39" (100 cm)	Not to be installed above a meter/regulator assembly within 39" (100 cm) horizontally from the vertical center-line of the regulator and for 15' vertically
<b>I</b>	72" (183 cm)	Clearance to gas service regulator vent outlet or within 39" (100 cm) of an oil tank vent or an oil tank fill inlet
<b>J</b>	39" (100 cm)	Clearance to the combustion air inlet to any other appliance
<b>K</b>	72" (183 cm)	Clearance to a mechanical air supply inlet
<b>L</b>	84" (213 cm)	Clearance above paved side-walk or a paved driveway located on public property
	39" (100 cm)	Clearance to property boundary
		A vent shall not terminate underneath a veranda, porch, or deck

### **United States:**

- Not Less than 36” (91 cm) above any forced air inlet located within 10 feet (305 cm);
- Not Less than 48” (122 cm) below and horizontally from, or one foot (30 cm) above, any door, window or gravity air inlet into any building;
- Not Less than 24” (61 cm) from an adjacent building and not less than 84” (213 cm) above grade when located adjacent to a public walkway.
- Cannot be located less than 12 inches (300mm) above grade.
- Cannot be located above a gas meter/regulator within 3 feet (900mm) horizontally of the vertical center line of the regulator.
- Not within 6 feet (1.8 meters) of a gas service regulator vent outlet.
- Other restrictions may apply. See NFPA 211 for further information.

### **APPROVED INSTALLATIONS**

Use of any parts or materials not specified in this installation manual may not provide a listed system and may void the *SBI Venting Division Pellet Vent* warranty. Do not attempt matching SBI Venting Division components or pipe sections with another manufacturer’s products. Do not use damaged or modified parts.

### **SAFETY CONSIDERATIONS**

**Caution: The ends of the chimney sections, edges of the cap, roof flashings, tee and other components can be sharp! We strongly recommend the use of gloves during installation.**

# MAINTENANCE INSTRUCTIONS

This pellet vent system must be installed and serviced by a qualified chimney or venting professional. The criteria for the inspection and maintenance must be in conformance with local or state building codes, whichever has jurisdiction. It is recommended you use an inspection form and make notes that you can review with the homeowner.

## Maintenance Procedures

**Schedule** – It is important that this venting system is checked and cleaned annually or as per stove manufacturer's instructions. This is for the safety of the homeowner and is necessary to meet the warranty requirements of SBI Venting Division Pellet Vent Pipe. During the heating season the venting system should be inspected for build-up at least once every two months. If a build-up has accumulated, it should be removed immediately to reduce the risk of a chimney fire.

**Cleaning** – It is recommended to clean thoroughly the pellet venting system after every heating season. During summer, the air is damper and with minimal air circulation within the venting system, it can mix with creosote and/or soot deposits in pipes to form an acid that could accelerate the corrosion process and induce premature decay of the steel. Have your pellet venting system cleaned by a professional chimney sweep. Use a plastic brush.

### To clean the venting system it is recommended to perform the following:

1. Remove the Cap by loosening the band clamp.
2. Select the proper sized plastic chimney brush to clean the chimney.
3. In some instances, proper cleaning will require removing the appliance and disassembling the connector assembly to thoroughly inspect and clean parts that cannot be reached otherwise.
4. Inspect and clean the Chimney Cap by loosening the clamp band. Spark arrestors and other screens may be necessary or required in some areas, but may be susceptible to blockage from fly ash or through freezing moisture in areas of low ambient temperature.
5. Reinstall the Chimney Cap.
6. Before the initial firing of the appliance, check the appliance's operating instructions for initial firing precautions.

Distributed by:

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