



# High Temperature Cable Installation Supplement

**WARNING:** Installation and service must be performed by a qualified installer, service agency or the gas supplier. Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Read these instructions carefully and completely before proceeding with the installation.

**Warning:** Do not install High Temperature Cable on a chimney burning solid fuel such as wood.

**Warning:** Do not splice or pierce the High Temperature Cable.

*on millivolt w/ high temp wire - don't go beyond 65'  
- start to lose signal*



The Flue Sentinel High Temperature Cable can be used on millivolt or 24 volt units.

There are two types of installations for the High Temperature Cable.

- Type 1 Units mounted on Clay flue, B-vent, or Insulated pipe.
- Type 2 Units to be installed using a mounting kit on double walled pipe.

### Installation:

#### Type 1

1. Drill one 7/16" hole into the collar of the unit. The center of the hole needs to be 3/8" from the flue pipe where the collar meets the flue. The location of the hole must be 90° on the right side of the controller of the unit. As shown in Figure 1. Complete installation following steps 3, 4, & 5 under Type 2 instructions.

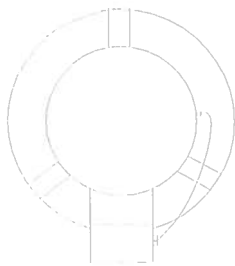


Figure 1

#### Type 2

1. Drill the same hole as in type 1 into the collar. Drill a second hole into the inner ring of the mounting kit 2.5 inches below the top of the inner ring staying above the bead.

2. Place the bushings provided with the cable into the drilled hole to protect the cable from the sharp edge of the sheet metal. Align the two holes that were drilled so that the cable will travel the shortest distance to enter into the flue under the Flue Sentinel.
3. Insert the cable into the bushing(s) and down the flue. Next set the unit on top of the chimney. Make sure that the cable is not in an area under the unit that will hinder the rotation of the damper blade inside the flue.

**Warning:** The High Temperature Cable Must Be Clear Of Damper Blade Rotation Inside The Flue.

4. When the cable enters the firebox, the cable must be positioned to keep it out of excessive heat and direct contact with the flames from the log set. Using bonding material, bond the cable to one side or the other and down to the bottom of the firebox. Next direct the cable to the gas valve and connect as directed in the Installation Manual. As shown in Figure 2.

**Warning:** Keep The High Temperature Cable Out Of Direct Contact With The Flames Of The Gas Log Set.

5. After the cable is dropped down the flue, and the unit is set on top of the chimney and tested. Apply sealant around the collar and the hole that was drilled for the bushing to keep water from entering the fireplace.



### High Temperature Cable Color Code

Here is the list of the corresponding color changes for the High Temperature Cable and the Standard Cable.

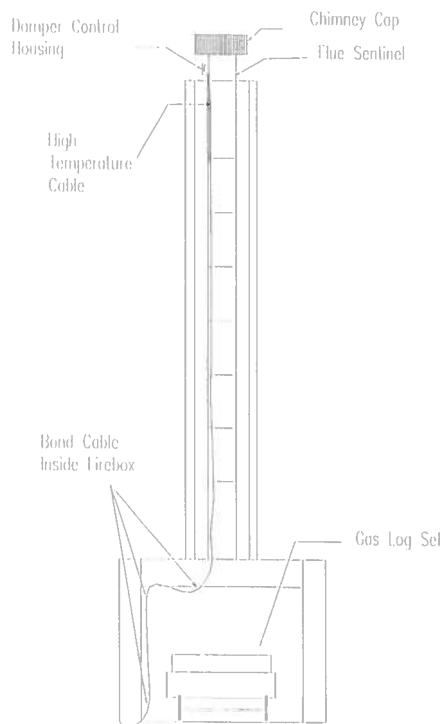
#### Standard Cable   High Temperature

Brown-----White  
Orange-----Red  
Yellow-----Green  
Black-----Black

The white wire **will not** be used when connecting the millivolt units to the gas valve.

A bonding material **recommended** for this installation is to adhere cable to walls.

McMaster Carr  
Part number 7549a11 11oz. tube  
Extreme-Temperature Gasket Maker  
[www.mcmaster.com](http://www.mcmaster.com)



**Figure 2**

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48316 USA Voice: 586-739-4373 Fax: 586-739-4364 [www.fluesentinel.com](http://www.fluesentinel.com)



## Flue Sentinel LLC High Temperature Cable Installation Supplement

1. Harness can be dropped down the flue.
2. When the cable enters the firebox the cable must be positioned to keep it out of the excessive heat and direct contact with the flames from the gas log set. Using a bonding material, bond the cable to one side or the other and down to the bottom of the firebox. Next direct the cable to the gas valve and connect as directed.
3. After the cable is dropped down the flue, and the unit is set on top of the chimney and tested, apply sealant around the collar and the hole that was drilled for the bushing to keep water from entering the firebox.

Recommended bonding material for this installation: Extreme-Temperature Gasket Maker available at McMaster Carr's web site, Part number 7549a11 11oz. tube.

[www.mcmaster.com](http://www.mcmaster.com)

Comparison of changes for the high temp cable and the standard cable

<u>Standard Cable</u>	<u>High Temperature</u>
Brown-----	White
Orange-----	Red
Yellow-----	Green
Black-----	Black

The White wire **will not** be used when connecting the millivolt units to the gas valve. For 24 volt units all four wires will be connected per the installation manual.

