European Home has developed four distinct installation methods to ensure that the wall above your Element4 fireplace stays cool enough for the mounting of most electronics such as a television. In addition to mounting a TV, utilizing Method 4: Double Front Wall (Page 4) you can now bring virtually any material down to the edge of your fireplace including wood veneer and wallpaper. None of these installation methods effect overall heat output, so you get the same efficient fireplace with the added bonus of design flexibility.

Considerations to further reduce the amount of wall heat:

For best results, consider using non-combustible wall board with very low thermal conductivity for any of the methods outlined below. Both Skamotec 225 by Skamol and Promafour by Promat are calcium silicate building boards that strongly resist the movement of heat from one side to the other. The chase (enclosure) above the fireplace built with either of these products will further reduce your electronics' exposure to heat.

For more Information about Low-Thermal Conductivity Wall Material Please Visit these Manufacturer’s Websites:
- Skamol - http://www.skamotec225.us/

![Low thermal conductivity wall material.](image1)

Example of Method 2: Recessed Television
Protecting your Electronics (applies to all installation methods)

The entire weight of the electronic device must be supported by the chase or a separate framework. No weight may be supported by the fireplace.

Wrap electronic wires in non-combustible insulation or hidden in false wall or box behind the electronic device when running inside the chase.

Method 1: Deep Mantel Without Recess

Element4 requires a minimum 20” vertical vent before any offset of the vent pipe.

A non-combustible mantel (minimum 1” thick) is mounted to deflect the hot air rising up the wall face.

Bottom of mantel to top edge of fireplace ≥ 6”
Method 2: Recessed TV

Element4 requires a minimum 20" vertical vent before any offset of the vent pipe.

Recessing the Element4 fireplace deeper into the wall will allow for deeper recessing of electronics.

Method 3: Recessed TV + Mantel*

*This option offers the greatest protection for your electronics.

Minimum 2" gap from all edges of the TV to the outer edge of the recess.

Element4 requires a minimum 20" vertical vent before any offset of the vent pipe.

Recessing the Element4 fireplace deeper into the wall will allow for deeper recessing of electronics.

Bottom of mantel to top edge of fireplace \( \geq 6" \)

Bottom of recess to top edge of fireplace \( \geq 12" \)
Method 4: Double Front Wall

“Use this method if you would like to bring combustible finishing (such as wood veneer or wallpaper) to the edge of the fireplace face.

The inner wall should have a minimum depth of 1”.

Element4 requires a minimum 20” vertical vent before any offset of the vent pipe.

≥ 1”

The outer “finishing wall” (minimum thickness 1/2”) creates the air gap between the two walls.

≥ 10”

Inlet for air cavity.

Cross Section

Please Note: Some electronics manufacturers specify that their products should not be installed on, near or above a heat source. Consult your manufacturer’s specifications.

Mounting an electronic device is ultimately the owner’s decision and responsibility. European Home will not be held liable for any adverse effects of heat on electronic devices located near a European Home fireplace.