

**Roof De-icing—Metal Roofing**

Tuff Cable Heating Element is installed in a Heatizon Heatsink Kit when metal roofing materials are used.

**Roof De-icing—Non Metal Roofing**

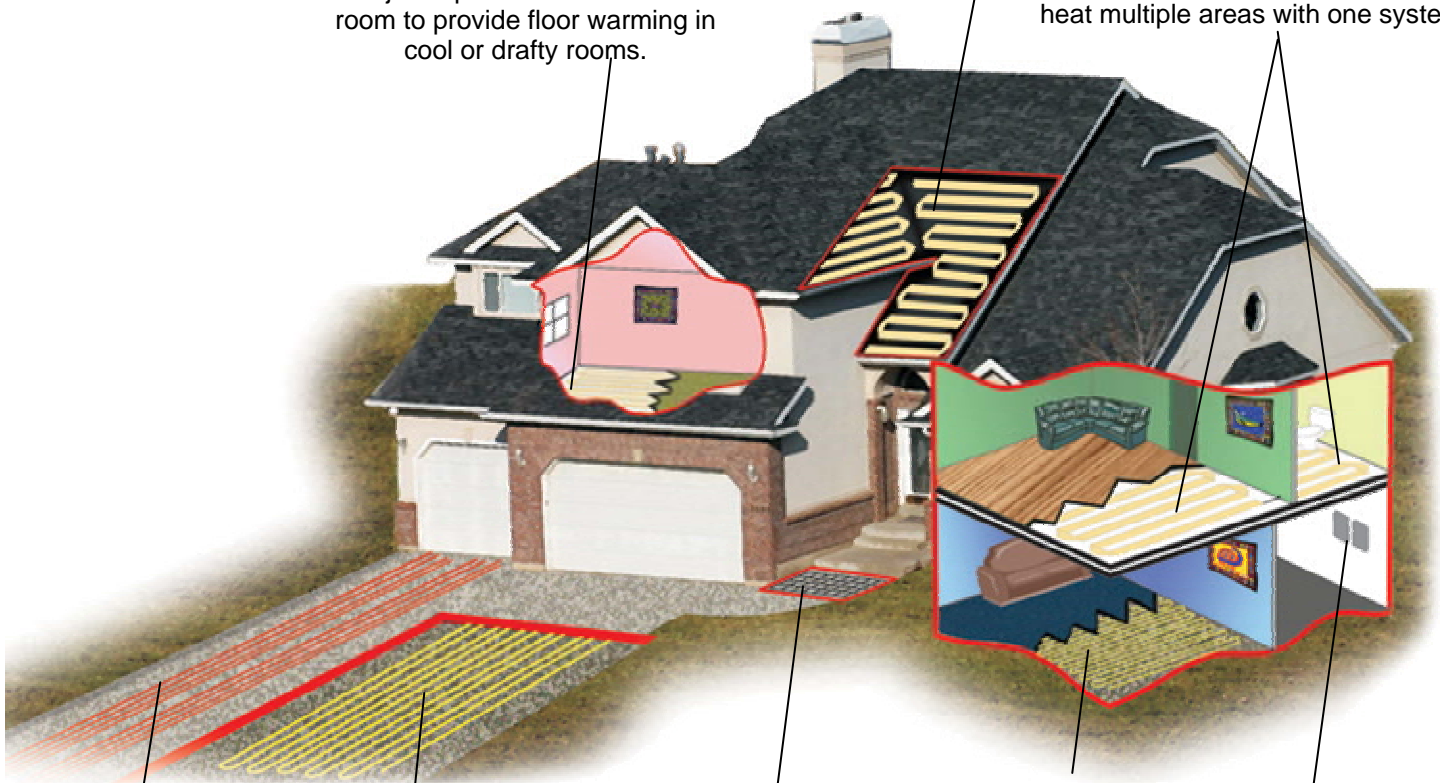
Z Mesh Heating Element is easily installed under most non-metallic roof coverings, including asphalt, shake, or tile shingles to provide “invisible” eave and valley ice melting and prevention of snow build up and ice dams.

**Floor Warming/Space Heating Retrofit**

Z Mesh Heating Element is installed in the joist space beneath a finished room to provide floor warming in cool or drafty rooms.

**Floor Warming/Space Heating**

Z Mesh Heating Element is installed on a wood or concrete subfloor under carpet, laminate flooring, hardwood, or tile. Two or more smaller rooms can easily be “jumped” together to heat multiple areas with one system.



**Snow Melting—New Pour**

Tuff Cable Heating Element is installed in concrete, asphalt, or under pavers for safe and convenient snow melting solutions.

**Floor Warming/Total Space Heating**

Tuff Cable is installed in concrete of basement (or on a concrete or wood subfloor encased in mortar) directly under carpet, tile, hardwood, and laminate floorings.

**Snow Melting—Retrofit**

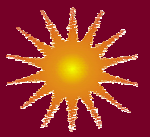
Tuff Cable Heating Element is installed in saw cuts in existing concrete or asphalt; cuts are then filled with sealant.

**Snow Melting—Stairs & Sidewalks**

Tuff Cable Heating Element is installed in sidewalks and stairs, access ramp, in concrete, asphalt, or under pavers.

**The Control Box**

The Heatizon Control Box is the “brains” of the system, and houses the necessary electrical components to provide low voltage electricity to the heating elements. Because the largest Control Box is only 17” x 12” x 9”, it can be mounted easily on a garage, utility room or mechanical room wall.



Heatizon Systems utilizes state-of-the-art components and low-voltage electricity to provide products that are easy to operate, virtually maintenance free, safe, and 99% efficient. Z Mesh and Tuff Cable heating elements have a limited 25-year warranty and are engineered to provide simple, problem-free, long term solutions for snow melting, floor warming, roof de-icing, and space heating needs. Heatizon Systems has been "Warming America's Cold Spots" since 1979.

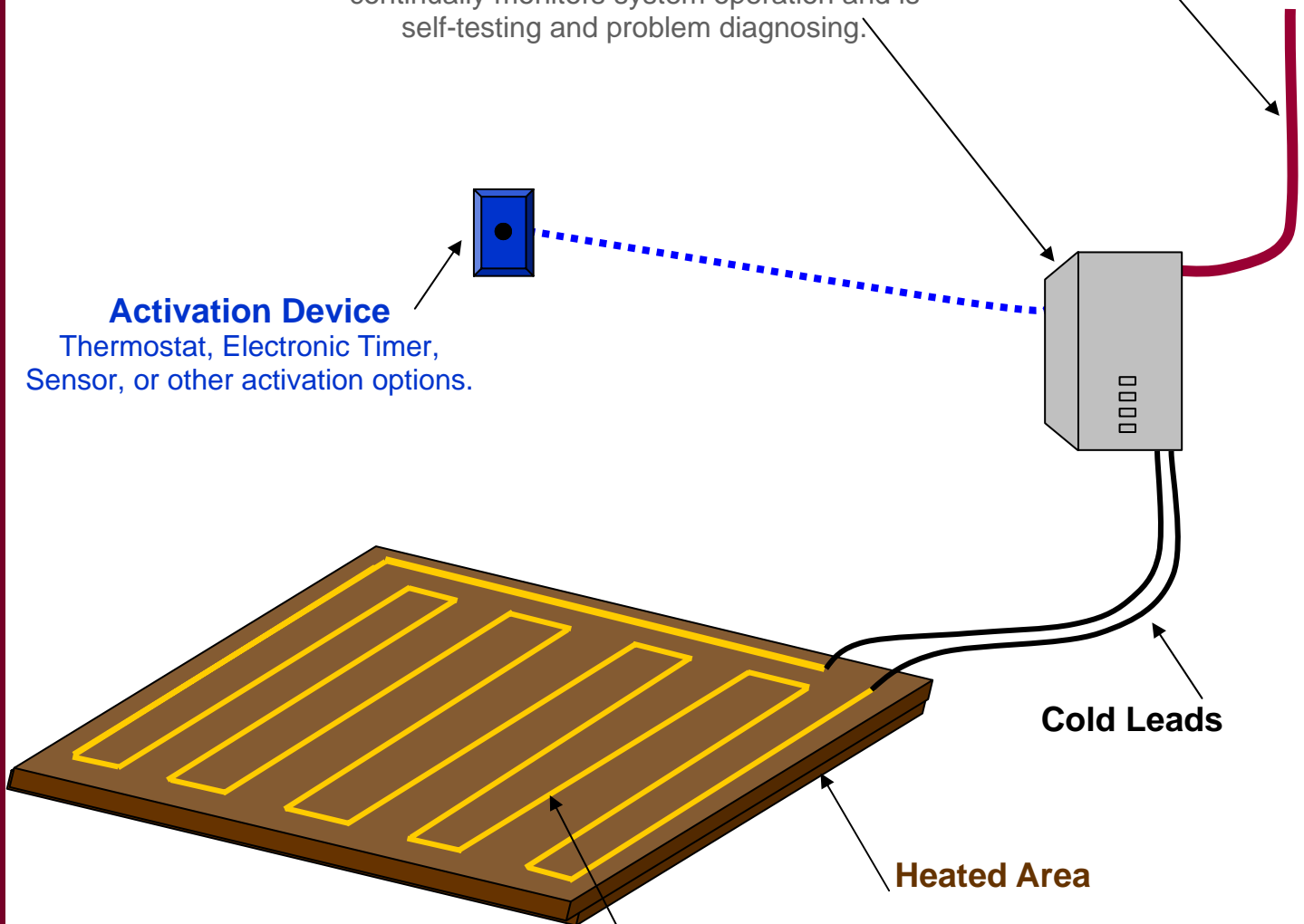
**The Control Box**

Mounted on the back plate, the Control Box and Transformer are housed together. The Control Box continually monitors system operation and is self-testing and problem diagnosing.

**Line Voltage**

**Activation Device**

Thermostat, Electronic Timer, Sensor, or other activation options.



**Heating Element**

*Tuff Cable*, a durable coated copper cable, is installed **IN** something, like concrete, asphalt, a mud bed, a sand bed under pavers, or a Heatizon Heatsink Kit;  
*Z Mesh*, a bronze mesh screen, is designed to go **ON** something, like a concrete or wood sub-floor.