



## Description

The Heatizon Systems' Radiant 8 Control Unit turns the primary power "on" to a step-down Transformer that provides power to the Heatizon Tuff Cable or ZMesh heating element. The Radiant 8 Control Unit can be activated by many different types of activation devices (see your Heatizon Systems Distributor for additional details on the activation alternatives).

The Control Unit is 17" wide, 12" high, and 8" deep.

## Uses

One Radiant 8 Control Unit can energize one area, or multiple areas that have been "jumped" together.

## Available Models

- Radiant 8-240— Control Unit for 208V and 240V input power.
- Radiant 8-277— Control Unit for 277V input power.

## Temperature Compensation Thermistor Requires Either:

Radiant 8 Sensor Kit 50 or  
Radiant 8 Sensor Kit 100

A Thermister is a temperature sensitive device which changes resistance proportional to temperature. Thermister "2" monitors the temperature of the heating element environment and compensates the calibration value so that false trips do not occur. The wiring for the sensor should be run separate from the element power wherever possible to avoid coupling energy into this input.



## Features

- For use with ZMesh or Tuff Cable heating element.
- New pour or retrofit applications.
- Accommodates all dry contact activators.
- Utilizes 208, 240, or 277 volt power.
- Utilizes a Heatizon Phase Control (HPC) to set the current of the Transformer.
- The secondary current output of the Radiant 8 Control Unit is easily adjusted by setting the potentiometer to the desired output at a given amperage.
- Consistent heat output.
- Listed by ETL to US and Canadian Standards.
- Does not require a GFCI breaker.
- State of the art circuit board technology and industrial grade components.
- Power Manager and Timer Switch Features

