



**Radiant
Electric
Heat**

CeramiCircuit™ Baseboard Mount Heaters

High Efficiency Ceramic Infrared Panels

Model 527 • 400 Watts

Model 545 • 650 Watts



The Ultimate in Energy Efficient Comfort
Silent • Reliable • Economical



545



527

- Assisted Living
- Medical & Clean Room
- Industrial
- Offices & Garages
- New Construction
- Commercial Spaces
- Remodeling Projects
- Apartments or Condos

Installs as simply as a lighting fixture! Completely solid-state.

Room by room zone control means economical comfort only where you need it.

The CeramiCircuit™ baseboard mount heater provides rapid response comfort in 5 - 7 minutes. Do not confuse this infrared radiant panel with the more common convective baseboard heater. It is genuinely a radiant heater, and may be the only permanently mounted electric radiant baseboard available in the marketplace. Each heater includes a built-in thermal override switch to prevent overheating in the event the heater becomes blocked while in operation. Best placed under exterior windows for optimum performance. Standard beige powder coat finish on. Alternative colors available by special order. Intended for indoor use only.

INFRARED RADIANT HEAT IS GREEN



- Green Builder Advantageous • Planet Friendly
- No Emissions • Works With Wind, Solar & Hydro

www.electrichheat.com
800.774.4450



ENVIRONMENT FRIENDLY

CeramiCircuit™ Ceiling Cove Mount Heaters

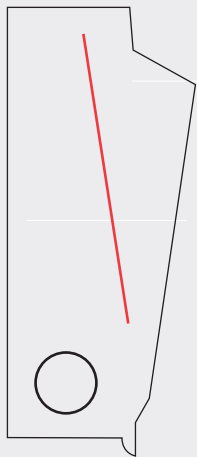
Model 527 • 400 Watts Model 545 • 650 Watts



Model	Dimensions	Watts	BTUs	Ship Wt.
527- (volt)	30.87"W x 6.75" H x 3.125"D	400	1366	14 lbs.
240 volt/1.67 amps	208 volt/1.92 amps	120 volt/3.33 amps	277 volt/1.44 amps	
545- (volt)	48"W x 6.75" H x 3.125"D	650	2217	20 lbs.
240 volt/2.7 amps	208 volt/3.2 amps	120 volt/5.4 amps	277 volt/2.3 amps	



- Optional integrated thermostat available
- Internal temperature limit switch prevents overheating.
- Infrared energy heats people, not space. Find comfort at lower thermostat settings, saving energy and reducing cost.
- Low temperature operation. Typically less than 350°F on the element.
- Allergy free and sinus friendly.
- No pipes, no ducts, no furnace, no chimneys, no maintenance, no visible glow when in operation.
- Ten year warranty, pro-rated after five years.



Heater Element is Angled Upward To Direct Maximum Heat Energy Toward Center Of Occupancy

Baseboard Heaters May Be Mounted Above Baseboard Trim If So Desired

0.75" Minimum Finished Clearance

Engineering Specifications

The contractor shall supply and install CeramiCircuit™ infrared baseboard mounted heating panels, manufactured by Radiant Electric Heat, of the wattage and voltage specified on the plan. The heater shall be designed to provide maximum radiant heating energy output.

Heater elements are to be constructed of ceramic coated 18 gauge steel plates with an energizing circuit on the internal face of the heating element. Heater elements shall have a wattage density of a minimum of 2.8 watts/square inch of emissive surface area.

Heater shall have an internal temperature controlled limit switch to prevent overheating.

Heater body shall be made of 20 gauge steel and finished with high temperature powder coating. There shall be three 7/8" standard knockouts in the junction box to allow entry of power feed. There shall be a standard knockout on the right end of the heater. Actual power connections to the element and heater grounding connections shall be at the left end of the heater. Multiple units shall be wired in parallel with direct connections to each unit heater body from wall.

Heaters shall be mounted with a minimum clearance from the finished floor of at least .75".

Ratings & Approvals

Heaters shall be rated at 400 watts (Model 527) or 650 watts (Model 545) in appropriate voltages of 120 volts, 208 volts, 240 volts, or 277 volts.

Heaters shall be listed and approved by Underwriter's Laboratories .



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