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## Why Choose *SolaRay* Infrared Heating?

### **\$** INEXPENSIVE TO BUY

*SOLARAY* radiant heaters are up to 50 % cheaper than conventional heating systems. Highest quality components are used in order to produce a radiant heater with a virtually unlimited lifetime.

### **\$** ECONOMICAL TO RUN

*SOLARAY* radiant heaters convert nearly 100 % of the energy consumed into comfortable warmth. They heat quickly and accurately – without any service and maintenance costs.

### **🌀** EASY TO INSTALL

*SOLARAY* radiant heaters do not require expensive ducting– only a simple electrical connection. The installation is done by mounting the panel to the ceiling with screws. Thanks to its slim line profile, the ½ inch thin panels blend seamlessly into any living area.

### **🌀** MAINTENANCE-FREE

*SOLARAY* radiant panels require no maintenance, cleaning, or filters like conventional systems. And they come with a 20-year warranty.

### **🌀** ZONED HEATING

In combination with room thermostats, *SOLARAY* radiant heaters provide perfect heat according to your needs. Once turned on, within minutes you quickly feel warm within minutes.

### **♻️** ECO-FRIENDLY

DUCOTERRA has a commitment to helping our environment by reducing carbon emissions. *SOLARAY*'s infrared heating panels in combination with clean energy or photovoltaic systems are a perfect contribution to protect resources and the environment.

### **❤️** COMFORTABLE AND HEALTHY

*SOLARAY* radiant heaters promote a dust, allergen, and bacteria-free air, preventing the unpleasant dry breeze of convection heating. They operate completely silently and the temperature is evenly spread throughout the room.



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## ECO FRIENDLY THROUGHOUT

**DUCOTERRA** is committed to maintaining a healthy environment and reducing carbon emissions.

- All parts made in the USA. Produced in Bellingham, Washington
- No VOC powder coating
- Unibody design for less material waste
- Light aluminum casing reduces packing and shipping emissions
- Over 90% of the heating panel is recyclable
- Combine with clean energy or photovoltaic systems for the ultimate low carbon solutions.



## DUCOTERRA

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## *SolaRay* Infrared Radiant Ceiling Panels



**World's Thinnest Radiant Heating Panel**

**Affordable, Comfortable, Efficient  
Infrared Heating Panels**

# Lower Your Heating Bills with Affordable, Comfortable, Efficient Radiant Heating



**S**olaRay Infrared Ceiling Panels offer a low-cost, high-comfort, energy-efficient heating system for your home. This simple, proven technology directly heats people and objects in a room. Just like sunshine, *SolaRay* panels heat you directly without wasting energy heating the air itself. Other systems, like baseboard heaters, wall heaters, and forced-air heaters, only heat the air which rises to the ceiling and must be replaced by more heated air to maintain comfortable heat. By directly heating people and objects in a room, without heating the air, you are more comfortable, you reduce your energy use, and you lower your heating bill.



## HEALTHY ZERO-MAINTENANCE HEATING

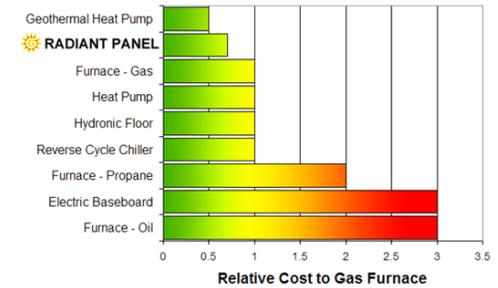
Ducoterra's *SolaRay* ceiling panels offer the lowest combination of installation costs and monthly operating costs along with zero maintenance and a 20 year warranty. By eliminating ducts, filters, and dry forced air, these radiant ceiling panels offer the best possible indoor air quality. Operating silently when and where you need them, our LEED qualified product fits easily into any new construction or retrofit project.

**Ideal for:** entire homes or supplemental heating, replacement of baseboard or wall heaters, in garages, basements, bathrooms, shops, kitchens, and cabins.

	<i>Sola Ray</i> Panels	Electric Baseboard	Gas Furnace	Hydronic Floor	Geothermal	Ductless Heat Pump
Features/Benefits						
Installation Cost	\$\$	\$	\$\$\$	\$\$\$\$	\$\$\$\$\$	\$\$
Monthly Operating Cost	\$	\$\$\$\$\$	\$\$\$	\$\$\$	\$\$	\$\$
System Lifetime	40	20	15	20	20	15
Zero Maintenance	✓	✗	✗	✗	✗	✗
LEEDs Qualified	✓	✗	✗	✓	✓	✓
No Dust or Allergens	✓	✗	✗	✗	✗	✗

### Ducoterra

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### Doesn't heat rise?

Counter to what we have all been taught, heat does not rise! Hot air rises. Radiant heat warms you directly and does not rely on hot air to achieve a comfortable environment. Radiant heat from the ceiling will warm the floor, but the ceiling stays cool. This produces even heat, and greater comfort at a slightly lower air temperature.

### Isn't electricity the most expensive way to heat a home?

*SolaRay* panels convert electricity to effective infrared radiant heating so efficiently that they are 35% more efficient than wall heaters, 50% more efficient than baseboards, and 30% more efficient than electric forced air systems.

### How efficient are *SolaRay* panels?

Ducoterra's *SolaRay* panels convert nearly 100% of their energy into warm, comfortable heating without wasting energy heating the air.

### How is the temperature controlled?

Each room can be custom controlled with its own programmable thermostat.