

# Bank Your Heat & Save

Store The Energy

  
Premier Energy USA



## Thermal Mass Heating System



### RADIANT HEATING SYSTEMS

TRANSFORM THE FLOOR AND THE GROUND BELOW IT INTO AN EFFICIENT THERMAL MASS OF STORED ENERGY THAT IS RELEASED INTO THE SPACE ABOVE IT AS NEEDED



(800) 506-7973  
[premierenergyusa.com](http://premierenergyusa.com)



# Lowest Life Cycle Costs

Thermal Mass! Thermal Mass! Thermal Mass!

  
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Thermal Mass is the key to low operating costs. Most floor heating systems place insulation below the heat source limiting the thermal mass.

ThermaRay Floor heating systems do Not require or recommend insulation below the heating panels and create a 24"- 30" deep thermal mass. The larger the thermal mass the lower the operating costs.

Systems that limit the thermal mass claim that if you don't insulate, you will lose heat to the earth. The actual physics is that the heat will only go down a certain amount when the thermostat is satisfied. The heat is then stored and is released into the space above it when it is needed.

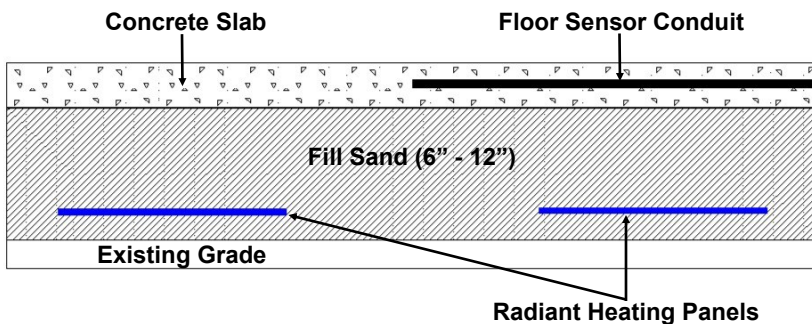


## Features & Benefits

- **Energy Efficient**
- **Maintenance Free**
- **Safe** - No open flames, high surface temps or risk of carbon monoxide poisoning
- **Healthy** - No blowing dust, allergens or airborne contaminants
- **Zoning** - Precisely controlled in each room
- **Superior Comfort**
- **Affordable**
- **Aesthetic** - Completely concealed for more decorating freedom
- **Resale Value** - Increases due to low operating costs, superior comfort and no maintenance
- **Quiet** - No Moving parts, fans or pumps

### Installation Diagram

Heating Panels are installed 6"- 12" below the bottom of the concrete and on top of 1"- 2" of sand. The ThermaRay heating system creates a Thermal Mass 24" - 30" deep.



### Contact Information:

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