

Floor Heat (Under Concrete)

Features & Benefits

- Lifetime Warranty
- Energy Efficient
- Maintenance Free
- Superior Comfort
 Gentle even temperature
 from floor to ceiling
- Affordable and easy to install
- Healthy No blowing dust, allergens or airborne contaminants
- Safe No open flames, high surface temps or risk of carbon monoxide poisoning
- Quiet No Moving Parts, fans or pumps
- Zoning Precisely controlled in each room
- Aesthetic Completely concealed for more decorating freedom
- Resale Value Increases due to low operating costs, superior comfort and no Maintenance
- ThermaRays Radiant Heating course is Approved by the US Green Building Council (USGBC) and the American Institute of Architects (AIA)



Thermal Mass ! Thermal Mass! Thermal Mass !

For over 30 Yrs. ThermaRay, Inc. has been manufacturing the only true Deep Heat Thermal Mass Floor Heating System. 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 before the thermostat is satisfied. The heat is stored and is released into the space above it when it is needed.

The system is also protected from other trades, mechanical harm, corrosive chemicals and natural disasters. Hazardous areas can also be safely heated because there is no exposed flame or heating element. No Emissions and No Carbon Dioxide. Available in all voltages

Perfect for: Basements, Homes, Garages, Shops, Sunrooms, Warehouses, Shops, Churches, Schools, Commercial / Industrial, Shops, Aircraft Hangars, Etc.



Industrial / Commercial

How Radiant Heat Works

If you step from the shade to the sun on a cool day you experience how Radiant Heat warms our world. If you take an object like a rock and set it in the sun, it will absorb that warmth and then in turn help warm the space around it.

A ThermaRay Radiant Heating System accomplishes exactly that same effect. Whether the heating system is in the floor or the ceiling, the radiant rays travel in straight lines and warm all the objects in the space.

Silent, Invisible and Motionless Warmth is gently radiated to all the objects in the room. The walls, floor, ceiling, windows, furniture

and essentially everything in the room become part of the heating system. This stored thermal mass keeps operating costs low, but Most Importantly the Radiant Rays Warm **"You".**



Residential Installation



Garages & Shops



ThermaRay Creates a Natural, Healthy & Comfortable Environment

www.thermaray-usa.com

(800) 506-7973



INSTALLATION PROCESS



Footing