



# SmartRooms

Thermal Comfort System

By Therma-Ray

## Floor Warming System

SmartRooms Floor Warming turns cold surfaces into a blanket of soothing warmth. You'll find it the plans of many new construction and renovation projects throughout the world – Primarily because of its ease of installation, comfort, flexible zoning, energy efficiency and safety attributes.

Kitchens, entranceways and foyers are key areas in homes and office buildings which is precisely why so many of them include such decorating touches as tiling, marble, or natural stone floors. Decorative, but Cold.

SmartRooms Floor Warming transforms those frosty floor surfaces into *Wonderful Radiant Warmth*.

### Benefits & Features:

- **100% Energy Efficient – Low Operating Costs.**
- **Maintenance Free – No Moving Parts.**
- **Ease of Installation – Low Install Costs.**
- **Quiet, Safe, Clean – Exceeds CSA & UL Safety Standards.**
- **Completely Concealed – Installed below floor coverings.**
- **Programmable Thermostat – Independently Control Every Room.**
- **Luxurious Comfort – Warms Floors, Rooms & Toes.**
- **New Construction or Remodel – Can be installed over existing Floor Coverings, Concrete or Wood Sub Floor.**
- **Low Profile – Typically Raises Floor 1/2"– 3/4" Including Floor Covering.**
- **Primary or Supplemental Heat Source – Depending upon Climate, Heat Loss & Desired Temperature.**
- **Increases Value – More Comfort = \$**

### Perfect For:

- Homes
- Condominiums & Townhouses
- Apartment & Office Buildings
- Hotels & Motels
- Restaurants
- Hospitals & Nursing Homes
- Schools
- Etc., Etc., Etc.

### Common Misconceptions:

#### Electric Cable will fail.

The **SmartRooms** Floor Warming systems have a great track record with no manufacturing defects. Worst case scenario is that if there were an issue with a system, the technology is available to be able pinpoint the problem within a square inch area and make the necessary repairs.

#### Fuel oil, Gas and Propane are cheaper than Electric.

Typically when you here a comment like this it's usually from the gas companies or from the people that sell related products. The electric rates they normally use to compare to gas prices are typically at the general usage rate from the power company and are a nationwide average. The reality is that electricity over the last twenty years has had only marginal increases, whereas Natural gas has increased 166% since 1999. the **SmartRooms** systems can also be run on less expensive electric rates available from the power companies that commonly afford a 10% - 60% savings in operating costs for electric vs. fuel oil, propane and even natural gas. Compared to forced air systems, Electric Radiant heat is still less expensive to operate even at the general service rate, strictly due to the manner in which radiant heat can heat a area.