

# RADIANT COMFORT™

## Hydronic Radiant In-floor Insulation Panels

### Advantages of Radiant Comfort:

1. *New Construction Radiant Comfort Panel:*
  - a. 36" x 48" x 2-7/8"
  - b. R12, 25 psi
  - c. Designed to be installed prior to pouring a concrete slab
  - d. Interlocking edges to keep the panels in place, and prevent concrete from seeping through the joints
2. *Retrofit Radiant Comfort Panel:*
  - a. 24" x 36" x 1"
  - b. R4.2, 40 psi
  - c. Designed to be installed above the structural sub-floor
3. *Comfort:* Radiant Comfort heats the space you are closest to (the floor), avoiding losing heat to unwanted spaces (the ceiling)
4. *Healthy Environment:* Radiant Comfort reduces the allergens in the air that are typically circulated with forced air systems
5. *Reduced Energy Costs:* The warm water used to heat the floors is set to a lower temperature than traditional central heating
6. *No Staples Needed!:* The groove channels provide secure placement for tubing, eliminating the need for staples, mesh and zip ties
7. *Insulating Benefits:* Radiant Comfort is manufactured out of expanded polystyrene (EPS) providing stable insulating benefits that do not degrade over the course of its use
8. *Durable yet Adjustable:* Radiant Comfort is a shape molded panel, providing a high quality product that can easily be cut and shaped with a utility knife to fit around design elements
9. *Only One Panel Needed for Entire Installation:* Radiant Comfort panels have one pattern, so there is no need to use right turn, left turn and straight away panels as with competing products, providing a simple installation and eliminating the need for shop drawings
10. *Consistent Tube Spacing:* The pucks allow consistent tube spacing at 6", 8", 12" and 16" on center
11. *Large Puck Design:* leaving minimal void space which helps prevent damage to the tube from equipment, walking, etc.