

ZIP Radiant Heating and Cooling Ceiling Panels



Heating

Cooling

Fresh Air

Clean Air



Personal thermal comfort and energy savings

ZIP Radiant Ceiling Panels deliver energy efficient heating and cooling in an economical, robust design making them ideal for commercial and industrial applications.

Using the same radiant principle as the sun, ZIP Panels heat and cool objects, not the air, providing uniform comfort with significantly less energy than forced air systems. ZIP Panels offer:

- Modular construction
- Inherent reliability
- Easy installation
- Minimal maintenance
- 5 year warranty

Maximize energy savings by using ZIP Radiant Ceiling Panels in conjunction with geothermal and waste process heat sources.

ZIP Radiant Ceiling Panels reduce costs. Efficient radiant heat transfer combined with easy installation, minimal maintenance and unmatched service life result in low energy consumption and operating costs.

ZIP Radiant Ceiling Panels create healthy warmth. They operate quietly, without moving the air, resulting in uniform temperature distribution and minimal dust and particulate circulation.

Range of application: Well-suited for large open spaces with 10' to 100' high ceilings such as:

- Manufacturing facilities
- Warehouses
- Sports arenas
- Maintenance shops
 - Sales floors
 - Shipyards and hangars
 - Gymnasiums and pools



Features

Comfort and health

- Even, draft-free temperature distribution
- Virtually silent operation
- Extremely quick reaction time to temperature changes
- No dust or particulate circulation

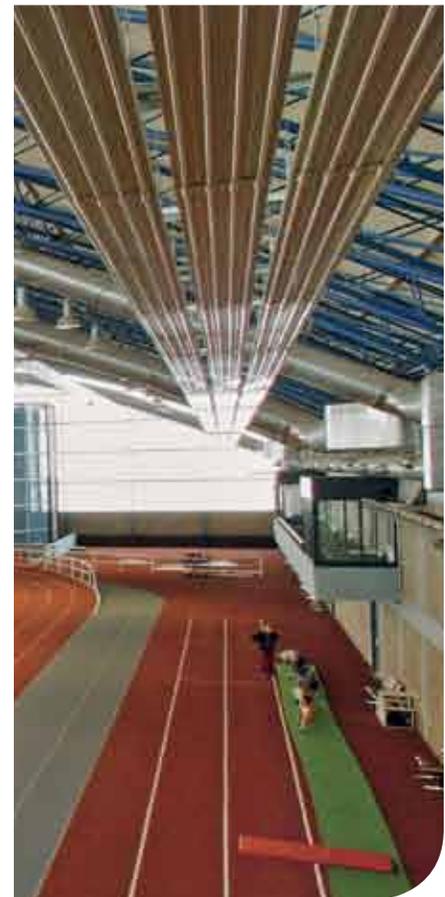
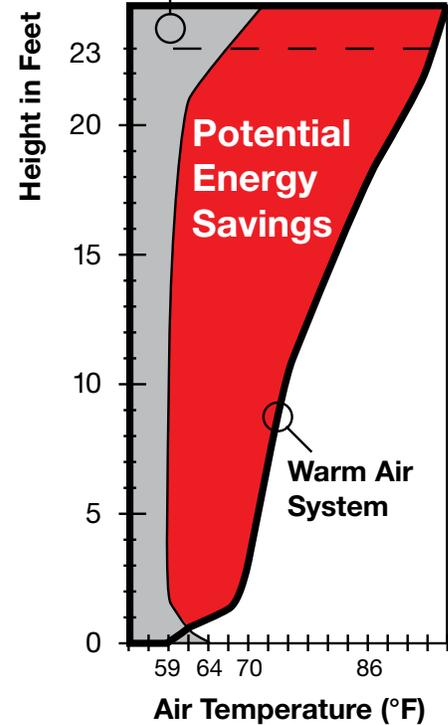
Energy efficiency

- 40% potential energy savings when compared to warm air systems
- Well-suited for use with geothermal and waste process heat sources

Innovation

- Easy installation
 - One width makes for easy storage
 - Braze-free threaded or compression connections
 - Easy-to-use suspension system
 - Low panel weight
- Flexible design
 - Various length panels and headers can produce panel modules ranging from 1' x 6.5' to 5' x 20'
 - Joint concealing clip-on cover plates
 - Multiple hydraulic circuit routing options
 - High-humidity option available
- Corrosion resistant, polyester coated, galvanized enclosures

Radiant Ceiling Heating



© Zehnder Rittling June 2011, English, subject to change without notice