

Sustainability Overview:

Underfloor Heating Efficient Radiant Heating Systems



Sustainability Categories

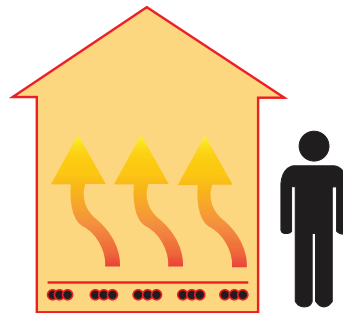


Energy Efficiency

Key Highlights

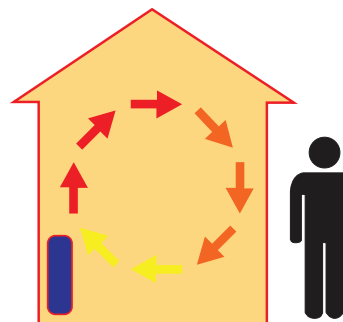
- **Energy Efficiency:** When used in conjunction with standard heating methods, floor heating can help reduce energy usage through multiple methods.
 - Radiant heat means that a low temperature heat input is needed to achieve a comfortable temperature.
 - Underfloor heating concentrates the heat at living level, regardless of ceiling height.
- **Human Health:** Underfloor heating reduces particulates, dust, and mold by not distributing allergens typically found in forced air systems.
- **Green Building Benefits:** Watts underfloor heating can help buildings earn LEED points in the Indoor Environmental Quality credit category.

Temperature Scale



Underfloor Heat

Underfloor heating concentrates the heat at living level, regardless of ceiling height



Convected Heat

Convected heating heats a room inefficiently, circulating heat in a way that creates cold spots



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