

Heatizon Radiant Heat Systems are distributed in Canada by

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# How Radiant Heating Can Lower Cost

## Benefit of Heatizon Electrical Radiant Heating



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Electrical Radiant floor heat systems often cost more to install initially than forced-air, boiler and baseboard electrical systems, but they also run more economically and retain heat better. The cost savings will depend on the region where you live, the severity of the winters and how well insulated your home is. Accrued energy savings of 10% to 30% may be realized; for commercial installations, savings of up to 60% or greater are possible.

Other ways electrical radiant heating saves energy:

- People can be comfortable at temperatures 6 to 8 degrees F lower than with other systems, such as forced-air and baseboard heat.
- This means you can operate a electrical radiant system at a lower thermostat setting than a forced-air system, resulting in lower energy bills.
- To optimize energy-efficiency, electrical radiant heating systems can work in zones, allowing you to heat different areas of a home at different temperatures. This lets you direct more heat to typically chilly rooms or high-use areas, such as bathrooms, bedrooms, basements and entryways, while lowering the thermostat in rooms with less traffic, such as a formal dining room.

- With an electric radiant floor system, you can save operating costs by taking advantage of lower rates for off-peak usage, if your electric utility company offers them. Here's how: Heat up your concrete floor during off-peak hours (typically at night) and then turn the heat off during the day. Once a concrete floor warms up, it will retain the heat and release it gradually, even if you shut off the system or the power goes out. The retained heat can keep your house comfortable for hours.



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