

Press Kit

Underfloor Heating Information

How does underfloor heating work?

Underfloor heating warms the room from below using the floor as a low temperature radiant heater; this warms the room equally and is more efficient as the warmth is concentrated in the area where it is most needed – the occupied area.

How much can you save on heating bills if you switch to underfloor heating?

According to one study; underfloor heating results in an average saving of 20% on energy bills when compared to a conventional radiator system.

When was underfloor heating started?

Underfloor heating was first used by the Romans to heat villas and public buildings. But Korea has been using underfloor heating for around 2,000 years, explaining why they have a culture of taking their shoes off indoors and sitting on the floor.

Underfloor Heating Facts

- Warm air from underfloor heating loses 1 degree Celsius for every meter above floor level, this means that your legs and feet are warmer than your head – which feels much more comfortable and natural.
- Underfloor heating helps asthma sufferers as it reduces the airborne circulation of dust particles.
- With underfloor heating there is typically a 15%-40% energy saving over a conventional radiator/boiler system.
- New technologies which reduce carbon emissions such as air source and ground source heat pumps produce water at 30 to 50 degrees Celsius, which is too low for radiators, but is ideal for underfloor heating.
- Underfloor heating is safer for the room occupants as there are no high temperature surfaces to come into contact with or sharp edges to fall against.

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Company Information (HTML Version)

<http://www.floorheatingonline.com/> Floor Heating Online is a trading name of Thermal Reflections Limited. Thermal Reflections was started in 1992 by Stuart Dixon who set up his own company after a successful career in mechanical engineering at both Nissan UK and RMC. Thermal Reflections started out supplying heated mirrors to clients including Hilton and Ramada Hotels and Virgin Atlantic at Heathrow before the company expanded into the underfloor heating market. Thermal Reflections is now one of the UK's longest running underfloor heating companies both exporting our products to Europe as well as supplying throughout the UK.

Floor Heating Online was born in 2004, as Thermal Reflections' online trading arm targeting consumers directly. Since then it has grown to be one of the biggest names in underfloor heating.

Company Information (Non-HTML Version)

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