



Electric heating *options*

The government's latest environmental targets and models recognise how quickly the electrical grid is decarbonising. In line with this, the specification of electric heating has become increasingly popular as building designers realise the potential of these simple, efficient and scalable solutions.

If you would like a range of options for gaining compliance in your next project, now is the time to familiarise yourself

with the different electric heating options available for residential and commercial use. There are two kinds of electric space heating technologies: high heat retention storage heating, and direct acting panel heating. Each has benefits in different applications, and our team can work with you to find the best mix of direct-acting, off-peak and renewable technology for your project.

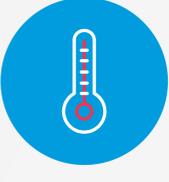
Direct acting panel heating



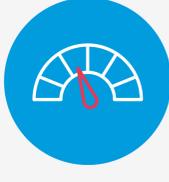
Direct acting heaters are 100% efficient at the point of use, using a standard rate electricity to heat a space up quickly through convection, or a combination of radiation and convected heat.



A range of electronic controls maximises operation, letting the user time their heating in line with their occupancy for maximum comfort at the minimum cost.



Accurate thermostats combined with low - inertia products ensure the room is warm for the period of time selected, and when the heater is switched off, it reacts quickly.



This also means the room can be held at the temperature required without temperature 'drift', creating a consistent, comfortable environment.

High Heat Retention Storage Heaters (HHRSH)



HHRSHs are a highly efficient way of storing heat from cheaper off-peak tariffs.



Developed in the 1960s the original technology was a response to nuclear power stations generating excess energy at night.



Completely redesigned for contributing to our future energy targets, as the variable generation of renewable energy on the network requires a 'battery' to match supply to demand.



Quantum from Dimplex is the world's most advanced off-peak heating system.

As per SAP2012:



Quantum meets 90% of annual room heating needs with off-peak rate electricity



Quantum's annual energy consumption is up to 22% less than that of a traditional storage heater



Quantum's annual running cost is up to 27% less than that of a traditional storage heater



The technology is recognised by BRE in SAP as the most efficient way to heat a room electrically for 24hrs

Electric heating from Glen Dimplex Heating & Ventilation

GDHV is home to a team of industry experts, dedicated to understanding where the built environment is heading. **We have an extensive range of electric heating solutions**, and we're the parent company to brands such as Dimplex, Creda and Campa. **Our products come in a range of aesthetics and sizes to meet your needs**, with our internal Applications Design team on hand to aid in the SAP calculations of your development.

To find out more about selecting the right electric heating solution for your next project, email

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