



Calorex fits the bill at Britain's oldest hotel

Calorex has won the contract to supply heat pumps, playing a vital role in improving the energy efficiency at Britain's oldest hotel.

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The Maids Head Hotel in Norwich is installing a new hi-tech environmentally friendly £300,000 energy efficient capillary heating and cooling system in 46 bedrooms in the oldest part of the hotel.

The system, slashing fuel bills by a third, will feature a pair of bespoke Calorex Pro-Pac reverse cycle heat pumps tailored to keep rooms warm in winter and cool in summer.

The Maids Head is the first hotel in Norfolk to install the system, which features capillary mats hidden in the bedrooms' ceilings and some 2000 metres of piping connecting the capillary

mats to the heat pumps, which will drive hot and cold water throughout the piping; temperature is controlled by a dial in each bedroom. The units will be sited on the building roof, causing minimum disruption to the fabric of the ancient structure.

Typically, for every unit of energy that a Calorex heat pump uses it will convert 2.5 times this amount to useable heat, giving a COP of 3.5. The potential energy savings are huge.

The work at the Maids Head Hotel is scheduled for completion by the end of April and there are also plans to extend the new heating system to the hotel's public areas in the future.

Christine Malcolm, general manager at the Maids Head Hotel said: “We are developing a range of sympathetic refurbishment and renovation projects to ensure that our historic hotel meets the expectations of 21st century visitors.

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