

## **Viessmann's new controls allow solar PV and heat pumps systems to work together**

Viessmann has launched a new feature on its Vitotronic 200 control system, which uniquely allows heat pump and solar PV systems to work as a hybrid system. From the heat pump deciding how to use free energy from the solar PV, electricity bills are significantly reduced.

The controls allow the heat pump to monitor the electricity generated by the solar PV for sufficient generation over a consistent period of time, and then bring on the heat pump and utilise the free energy rather than returning it to the grid. This means that during these periods, the heat pump is able to operate at no cost to the homeowner, running solely on energy generated by the solar PV.

### **Significant savings**

By smartly monitoring when to utilise solar energy, the Vitotronic 200 controls make homeowners' energy, and money, stretch further. The heat pump decides how best to utilise the free solar energy, assessing its' functions for raising the set point of the DHW cylinder, running an anti legionella cycle, or raising the temperature in a buffer vessel, for example. Viessmann estimates that this use of solar PV generated energy will save end users around £100 per year.

“Dual-technology installations of solar PV and renewable heating technologies are on the increase, as homeowners get to grips with grant schemes and enjoy significant

efficiency savings. But these savings can be made greater still by making these renewable energy systems work better together as a hybrid system; a solution which the Vitotronic 200 controls offer,” says Graham Russell, managing director, Viessmann.

“With the Green Deal and domestic RHI both set to come into their own this year, it is an opportune time for offering end-users further savings on energy bills by adding or optimising smart renewable heating choices. This updated Vitotronic 200 is the first integrated system of its kind, and we’re delighted to be the first to bring this smarter renewable solution to market.”

The Vitotronic 200 controls will be available for UK installation across Viessmann’s ground source and split heat pump ranges this year, starting with the Vitocal 200-S split air/water heat pump.

### **About Viessmann Limited**

Viessmann Limited is part of the Viessmann Group of Companies which is one of the leading international manufacturers of heating systems. Founded in 1917, the family business is overseen by the chairmanship of Managing Partner Dr. Martin Viessmann. The Group has annual turnover of EUR 1.89 billion and employs a staff of approximately 10,600. Viessmann’s comprehensive product range encompasses all fuel types and applications, allowing it to deliver high quality, efficient and fully integrated solutions. With an output range of 1.5 to 120,000 kW, Viessmann offers oil and gas-fired boilers, solar thermal and photovoltaics, combined heat and power modules (CHP), ground, air and water sourced heat pumps and biomass boilers.

## Press Enquiries

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