

## Next generation fuel cell boiler is launched

*Vitocalor PT2 micro-CHP system, which will be more energy-efficient than a heat pump, is to launch at Installer2019 and the All-Energy Show in May.*

Viessmann will launch its new Vitocalor PT2 fuel cell micro combined heat and power (mCHP) boiler at this year's Installer2019, May 7-9 at the Ricoh Arena Coventry, and the All-Energy Show in Glasgow on May 15-16 2019 at SEC Glasgow.

Under the new, stricter EU energy labelling scale, which comes into force in October 2019, Vitocalor PT2 will have the highest possible Energy-related Product (ErP) rating of A+++.

This corresponds to an annual seasonal efficiency of up to 192%, making it a serious alternative to heat pump systems. Not only is the Vitocalor easier than a heat pump to add to an existing heating system, it has a 40,000 kWh heat load demand, double that of an air source heat pump, and generates electricity as well as heat. It can generate enough electricity to cover the basic demands of an average household, save up to 40% of household energy consumption and reduce CO<sup>2</sup> emissions by up to 30% compared to separate heat and power generation.

Darren McMahon, Viessmann marketing director, commented, "This is Viessmann's third fuel cell product in less than five years, reflecting the investment by Viessmann in this technology. Over 2,000 units were installed in Europe last year. Vitocalor PT2 has even higher levels of efficiency and is super-easy to install and operate, making it more attractive to a growing installer base and to customers. We're anticipating a great deal of interest in this new product."

Now with fully-integrated hydraulics and a footprint of just 0.72m<sup>2</sup>, the new Vitocalor comes in pre-assembled modules

that are exceptionally easy to install. The unit includes a 220-litre integrated stainless steel hot water cylinder that replaces its predecessor's 45-litre cylinder. This makes it more suitable for larger properties. The new Vitovalor is now available in four heating outputs – 11, 19, 25 and 30 kW.

The Vitovalor PT2 is equipped with Viessmann's brand new E3 control platform, which provides faster and more reliable communications between the end-user, installer and Viessmann. The system is quicker to assemble thanks to fewer flue and pipe connections.

### **Installer2019**

At Installer2019, as well as unveiling the Vitovalor PT2, Viessman will be revealing some new domestic gas boiler innovations for the UK market. Installers are also welcome to try and set a fastest lap on a Panasonic Jaguar Racing Formula E driving simulator.

### **All-Energy**

At All-Energy, Viessmann will also be showing the Vitocrossal 100, a floor-standing commercial boiler that has proved extremely successful because of its exceptionally compact size and manoeuvrability; the new Vitocal 200-G PRO, a heat pump up to 100 kW for residential and commercial buildings and the Vitobloc 200, a reliable, economical and environmentally-friendly CHP unit suitable for a range of residential, commercial and industrial applications.

### **Images**



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### **About Viessmann**

Viessmann develops seamless and integrated climate solutions for the entire living space, providing people with the optimum room temperature, hot water and electricity, as well as good air quality. Through digital platforms and services, Viessmann connects products and systems, ensuring the most efficient energy sources are employed. Wherever technically possible, Viessmann promotes the use of renewable sources, in all other cases fossil fuels are used to maximum efficiency. Founded in 1917, the German family-owned company attaches particular importance to responsible and long-term action. The company vision: "Creating the living space for the generations of tomorrow" is the responsibility of the 12,000-strong Viessmann family worldwide.

### **Press Enquiries**

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