

New air source heat pump and biomass boilers launched at Ecobuild

- New Vitocal 300-A three-phase air source heat pump provides higher outputs and quiet operation for commercial properties
- Compact, manual feed, domestic biomass boiler will tempt mainstream market by fitting into utility rooms
- Vitoligno 300-H cements Viessmann's position in the medium power commercial biomass boiler range
- UK's first PEM domestic fuel cell system, the Vitovalor 300-P, is also on display.

Viessmann is launching three new renewable heating products at Ecobuild (March 3-5, 2015; ExCel; stand no. 3130) alongside other examples of its current products and future innovations.

The **Vitocal 300-A three-phase air source heat pump**, in 10.5 or 12 kW outputs (up from 8.6 kW for the single-phase version), is designed for commercial properties requiring a maximum flow temperature of up to 65 °C. The all-in-one package of variable speed fan, modulating compressor and quiet air duct design is a freestanding, external unit that earned a special mention in the German Design Awards 2015 for its statuesque, cylindrical design.

Along with a high Coefficient of Performance of 3.5 (air 2 °C/ water 35 °C), the Vitocal 300-A has a sound level of just 54 dB (A), even lower at night, making it one of the quietest heat pumps in the market.

A new compact, biomass, pellet boiler joins Viessmann's Vitoligno range as an option for domestic homeowners who want the performance of a gas boiler and a renewable energy source. As it requires no fuel storage or automated feed device, the manually-fed **Vitoligno 300-C** is ideal for space-restricted areas inside the home such as utility rooms. The 300-C has an output of between 2.4 kW and 12 kW and a high efficiency of up to 95.3 per cent. The ash box only needs emptying once or twice a year. Operation and system monitoring is easy via Viessmann's Smartphone Vitotrol App.


Bringing new, higher rated outputs of 80, 99 and 101 kW, suitable for district heating networks, the new **Vitoligno 300-H commercial biomass boiler** cements the Viessmann Group's coverage of the biomass market, the company manufacturing wood heating systems between 2.4 kW and 1,700 kW.

The 300-H system can be selectively fed pellets or wood chips, from either the left or right of the boiler. It features an efficient automatic ignition with lower power consumption and fully automatic ash removal from the sliding frame and heat exchanger. Its unique design, including an upright heat exchanger enables less ash to settle in it, which makes for long intervals between cleaning. Emptying of the large, lockable ash box is nearly dust-free.

With its weather compensated Ecotronic control and a modulation range of 1:3, the Vitoligno 300-H tailors its performance exactly to suit the heating demand, resulting in low fuel consumption.

“Under the banner ‘Innovations Today for Tomorrow’s Future’, Viessmann is showing it has a heating product for every application at this year’s Ecobuild, from domestic gas condensing boilers through wood, heat pump and solar renewable ranges to commercial CHP and boiler units, and finally to our new fuel cell system. In addition to our technology messages, we’ll be helping contractors better understand the ErP product and system labelling requirements being introduced in September 2015,” says Darren McMahon, marketing director.

Images

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Viessmann's Vitoligno 300-C is a manual loading pellet boiler created for the domestic biomass market.



Viessmann's Vitotrol App, allows home owners to control and monitor their heating system via their smartphone.



Viessmann's Vitocal 300-P, the first heat-led fuel cell system designed for domestic use.

About Viessmann Ltd.

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 2.1 billion and employs a staff of approximately 11,400. 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.

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