

Viessmann introduces boiler pump connection set with built-in low loss header

Patented innovation saves space and simplifies installation of single Vitodens 200-W commercial gas boilers

Telford, UK - Viessmann has eliminated the need for a separate low loss header and connecting pipework for its Vitodens 200-W commercial wall boiler (49 to 150 kW) by incorporating the header in a new pump connection set. This patented new solution for larger single boiler installations is more compact than having a standalone header, more keenly priced, and quicker and easier to install.

With the new combined connection set, installation is now simply a matter of fitting the wall-mounted boiler and the pump-header unit, using wall brackets or a free-standing frame. Installation is further simplified because the flow and return connection can be on either the left- or right-hand side.

The low loss header increases operational efficiency by acting as a hydraulic separator, decoupling the boiler and system circuits from each other. This is necessary if a greater flow rate is required for the heating system than the boiler, as is typically the case with older heating systems, underfloor heating, and multiple heating circuits. The low loss header also helps eliminate debris from the heating system, reducing pump flow noise.

The secondary heating circuit can be specified with Viessmann divicon pump stations or with a separate circulating pump which must be sized on-site.

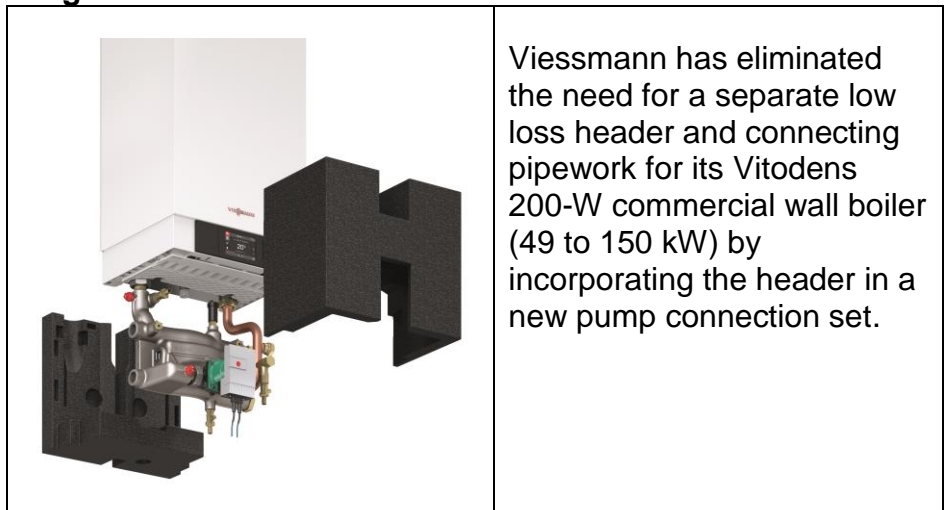
Viessmann continues to also offer the previous, standard connection system with a separate low loss header, and a light

connection set without a low loss header for systems with a plate heat exchanger.

Viessmann commercial sales director, Jonathan Grist, said: “By building-in the low loss header to the pump connection set, Viessmann’s high-output Vitodens 200-W boiler is now compact enough to be installed in tight spaces which other boilers will not fit. The 200-W range is loaded with features and functions to make installation, fault-finding and servicing easy, and the connection set makes the installer’s job even easier.”

The new connection set has been tried-out in the UK by commercial gas engineering company, JCH London. The company’s managing director, Jack Churchland, commented: “This has already become the default kit for us because of its ability to save space. It can make the difference between being able to do the job or not. In our experience, it’s perfect for larger systems, from very large domestic sites to small schools and churches.”

Images



About Viessmann Ltd.

Viessmann Limited is part of the Viessmann Group of companies, which is one of the leading international manufacturers of heating, industrial and refrigeration systems. Founded in 1917, the family business, headquartered in Allendorf, Germany, is overseen by president of the executive board, Prof. Martin Viessmann. The Group has annual turnover of EUR 2.25 billion and employs a staff of approximately 12,000. With 22 production companies in 11 countries, distribution companies and representative offices in 74 countries and 120 sales offices throughout the world, 54 percent of turnover is generated internationally.

Viessmann's comprehensive product range of domestic and commercial heating systems has an output range of 1.5 to 120,000 kW. It offers oil and gas-fired boilers, solar thermal and photovoltaics, combined heat and power modules (CHP), ground, air and water sourced heat pumps, biomass boilers and fuel cell heating systems.

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