

#ThinkSmiths

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Product Information

Newly upgraded Caspian now with up to 20% increase in heat output

Case Study

Smith's supplied 46 Aegean fan coil units as part of the refurbishment of an office complex in Cambridge

Customer Events

Details of the exhibitions Smith's is attending in late 2024 and 2025

Smith's launch upgraded Caspian fan convector with 20% more heat output



PRODUCT INFORMATION

As part of Smith's ongoing investment in product development, the already popular range of Caspian fan convectors have been optimised through several engineering measures.

Every detail of the Caspian fan convector was analysed in the search for improvements. The result of this work is an increase in heat output performance of 20% over the previous versions. To achieve this increase in performance Smith's redesigned the coils, enclosing metalwork, and implemented a new fan configuration.

Consequently, the size of the Caspian fan convector required to heat a specific room can be smaller. For example, where a Caspian 120 was previously required, a Caspian 90 may be suitable. This broadens the applications for Caspian, both in residential and commercial use. Consultants and contractors alike now have more options

for new build and retrofit applications; especially as smaller sizes can replace larger Caspian fan convectors without a reduction in heat output.

A key objective of the improvement project was to optimise Caspian for use with Heat Pumps.

This upgrade in Caspian is a key part of Smith's strategy to develop and launch products that improve their performance and reduce the use of energy and consequently the creation of harmful emissions. Electing to launch the upgraded Caspian with EC fans only contributes to the move to Net Zero, which will be an ever-greater feature of building regulations. Furthermore, improved performance and reduced embodied carbon reduces the impact buildings have over their lifetime. Additionally, if the upgraded Caspian is specified with our Smart Control system, further efficiencies and therefore energy savings can be achieved.

As part of this upgrade, we decided that the Caspian will only be available with EC fans/motors. Therefore, from the 1st of January 2025 Caspian with AC fans/motors will NO LONGER BE AVAILABLE TO ORDER.

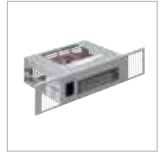


[Information on Caspian](#)



PRODUCT INFORMATION

Space Saver electric only plinth heaters



Information on Space Saver

We have updated the installation and pairing videos for our electric only Space Saver plinth heaters.

These versions of Space Saver (SS2E, SS3E and SS80E) now have wireless programmable room thermostats as standard.

The new videos are available on [YouTube](#)



CASE STUDY

'Generator' formerly Shakespeare House

Smith's was engaged to work with the Consultant, David Bedwell Building Services Consulting Engineers at the request of CPS Building Services. The requirement was to design the fan coil unit system to deliver the required thermal outputs at NR 35 or quieter. Smith's provided the full sound power test data for the consultant to carry out their own NR calculations.

The design the fan coil unit system was balanced and optimised to deliver the required thermal outputs at NR 35 or quieter.

Smith's supplied 46 Aegean fan coil units in total with factory fitted controls and PICV (Pressure Independent Control Valves). Aegean SFC 235H EC horizontal fan coil units were selected and mounted below the ceiling and exposed in the open plan offices as a feature of the building. Aegean SVFC 500 vertical wall mounted units with architectural casings are installed in the meeting rooms and kitchenette areas.



Case Study

CUSTOMER EVENTS

Northern Homebuilding and Renovation Show, Harrogate

Once again Smith's will be at the Northern Homebuilding and Renovation Show in Harrogate on the 1st – 3rd November. Last year we had a very successful exhibition meeting lots of people who were very interested in our fan convectors.

This year we will be showcasing our Space Saver plinth heater including the recently improved electric versions which now come as standard with a wireless programmable thermostat, and our Ecovector II in both standard and Smart versions.

Building Services Forum, Building Centre, London

Smith's will be at the Building Services Forum on the 28th November at the Building Design Centre with a stand to demonstrate our range of fan convectors. The topic of the event is 'Reaching Net Zero' where theme is reducing carbon emissions in heating.

2025 Events

Specific events

Smith's will be hosting a stand at the following Specific events in 2025:

London – Jan 22nd

Newcastle – May 20th

Birmingham – Sept 15th

Manchester – Oct 20th



Happy to help

Smith's Environmental Products Ltd is one of the leading manufacturers of heating and cooling products in the UK.

We are committed to achieving the highest standards and our faith is supported by a free parts and labour guarantee with every product. Our customer service is second to none and we are happy to offer any help and guidance that you might need.

Contact us...

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