

Versatile, energy efficient
heating and cooling





Smith's Environmental Products is a leading UK manufacturer and supplier of heating and cooling products for domestic and commercial applications. Our range of market leading products includes fan convectors, plinth heaters, fan coils, trench, air curtains and fan-assisted radiators.

Smith's, providing comfort for the built environment

About Smith's

Smith's Environmental Products is a member of The Swan Group. Headquartered in Boston, Massachusetts, the Swan Group comprises all of the businesses owned and operated by the Swan Family plus a portfolio of commercial real estate. These include Emerson Swan, Emerson Swan Canada, Flexcon Industries, Global Water Solutions, Skidmore Pump, Smith's Environmental Products US, Smith's Environmental Products UK, Vent-Rite Valve, Vent-Rite Pump and The Swan Realty Group. The businesses manufacture and distribute heating, plumbing and water products globally. The Swan Group has manufacturing operations in Asia, North America and Europe, and sales offices throughout the world.

Most of our products are manufactured in-house in our specialist facility in the UK. The company is the UK's market leader and has significant shares of both the North American and European markets.

Early on we developed the Smith's Space Saver, the UK's number one plinth heater and the business quickly became established in heating and plumbing. Other fan convectors followed and the very first Caspian commercial fan convector was launched in 2007. Our ambitions have never been modest. The business has grown from strength to strength and today we offer versatile heating and cooling solutions based on fan convector technology to all commercial specifiers from architects and consultants, to major building engineering services companies. Our range of Caspian commercial fan convectors can provide products for virtually every heating scenario, with the Smith's high quality and service excellence people have come to expect.

Special Products

As part of the Smith's service we can modify current products, we call them modified standards. An example of this is a different RAL colour to the standard colour. Smith's also offer a bespoke custom product service where we design and develop bespoke custom product solutions to customer requirements. We work with customers to understand their specific requirements.

Working with Renewables

Fan convectors can work very effectively at system temperatures as low as 40°C. This allows your chosen heat pump to work close to its maximum levels of efficiency, which means it will reduce the user's energy costs and energy consumption in the way it was intended.



Commercial and domestic heating and cooling



Manufactured in the UK



5 year warranty



Easy installation and ongoing maintenance



Network of sales representatives



Free advice and quotation service



01245 324900

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Caspian | Fan Convertors

Introducing the new controls available on our marketing leading Caspian fan convertors.

Caspian fan convertors are compatible with most types of wet central heating systems, functioning equally efficiently with conventional boilers, biomass technology or ground or air source heat pumps.



Internal controls available



Available in a range of sizes and heat outputs from 2.9kW to 18.0kW at 75°C water flow temperature.

Caspian fan convertors are suitable for all kinds of commercial applications, from schools and churches to office developments, with the ability to rapidly heat large areas quickly with much greater efficiency than other heat emitters.

The Caspian UVC fan convertor was developed for recessed or concealed heating projects and is suitable for high, low or ceiling concealed installations. The UVC range is particularly suited to listed buildings.

NEW! Caspian fan convertors early in 2020 available with fully programmable Smart Controls.

The Caspian Smart Control can be installed either internally, concealed or remotely on all models. The WIFI enabled Smart Control can be operated via the Smith's app.



Easy access with supplied keys



RAL colours and graphics available on request

Aegean | Fan Coils

A range of fan coil units suitable for all kinds of commercial applications, from restaurants and hotels to office developments, with the ability to rapidly heat and cool large areas with much greater efficiency than other similar heating and cooling systems.



Fan



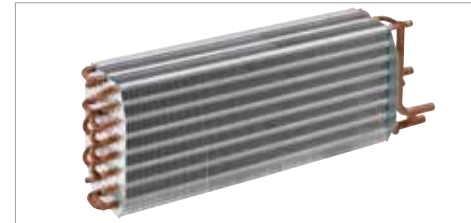
Fan mounted inside



Condensate drip tray



Controls enclosure



Heat exchanger

Incorporating the latest EC motor technology, which can result in running-cost savings as high as 80%, and with variable speed control as standard, the Aegean delivers heating and cooling quickly and quietly. Aegean with its EC fans is very efficient and fully complies with the Part L of the Building Regulations (2010). By using the variable fan speed, unoccupied setbacks and using the precise control provided by the BMS interfaces further energy consumption can be achieved. The Aegean range of fan coils units are compatible with most types of renewable heat sources.

Verified and tested for heating and cooling performance by BSRIA, and sound tested and verified by SRL Technical Services Ltd.

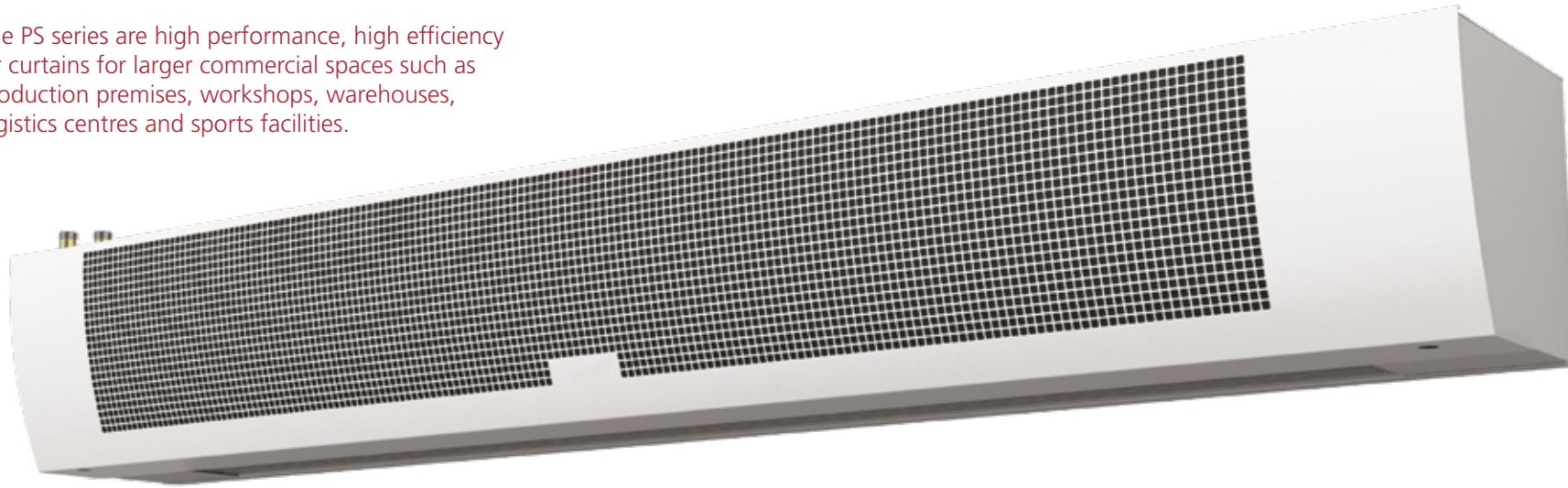
Available in horizontal units with either 235mm or 265mm height. A vertical 500mm high version is also available in late 2019.



S2/PS | Air Curtains

Smith's S2 series of electric air curtains are ideal for smaller commercial spaces such as pavilions and small retail outlets.

The PS series are high performance, high efficiency air curtains for larger commercial spaces such as production premises, workshops, warehouses, logistics centres and sports facilities.



S2 Series

These stylish units deliver energy efficient and quiet protection against cold air from outside. In the summer, they can also be operated without heating to protect against outside heat, dust and insects.

PS series and PS (W)

These air and water (PSW) curtains can be mounted horizontally and vertically and feature two performance modes, 70% or 100% in order to best adapt their performance mode in accordance to the outside weather conditions. In the summer, these air curtains can be operated without heating to protect against outside heat, dust and insects.



Air louvres



PS (W) Air Curtain



S2 Air Curtain switches

Solano | Unit Heaters

A modern and lightweight hydronic fan-assisted unit heater designed to heat large areas such as warehouses, showrooms and workshops.

Weighing as little as 15kg, for the largest version, it is easy to install on the wall or ceiling.



Using the hot water from a boiler it is efficient and cost effective to run. Available with either manual or intelligent heating controls which are BMS compliant. In the summer Solano can also be used as to ventilate the area with only the fan operating.

There are four versions of Solano in the range from a 10-30kW version up to a 50-70kW version. The air volume of Solano is up to 4900m³/hr. There is also a Heater Mix version, which is a fan only unit to help to increase the mixing of the warm air in the space.



- Panel COMFORT
- Manual temperature regulation
 - Fan speed change
 - Ventilation in summer season
 - Control up to 3 pcs of HEATER



- Panel INTELLIGENT
- Weekly thermostat
 - Automatic change of fan speed depending on room temperature
 - BMS communication
 - Control up to 2 pcs of HEATER



- Splitter MULTI 6
- Control up to 6 pcs of HEATER

Sargasso | Radiant Panels

An elegant alternative solution to traditional wall mounted radiators, convection heaters and air conditioning systems.

Smith's Sargasso is an ideal heating solution for many applications from offices, schools, hospitals, and restaurants and hotels. Sargasso is a discreet heating solution that enables the maximum use of valuable floor space without the need for traditional radiators.



Sargasso installed in a ceiling grid in place of traditional ceiling tiles



Continuous copper pipe 10mm O.D. Element. Ends formed from a single length of pipe with no joints between them. Element terminates in plain copper tails.

Radiant heat passes through air without warming it. It is then able to exchange heat with any object of lower temperature purely by shining on that object.

Sargasso is designed to be installed in a ceiling grid in place of traditional ceiling tiles or can be suspended from the ceiling, and are supplied with hot water from a heat source. It forms part of a 'wet' heating system. The hot water is fed to the Sargasso Radiant Panels and approximately 85% less water is required compared to a traditional radiator heating system. The benefits of this are that the system heats up much quicker than a radiator system.

Cost savings in running such a system are realized because of the lower water content and faster heat up of the radiant panels. Further energy savings are possible through zoning so that only occupied areas are heated.



Space Saver | Plinth Heaters

The Space Saver plinth heater from Smith's brings efficient, controllable heating to areas where space may be limited.

Offering increased flexibility and space in kitchen design as it enables the removal of kitchen radiators that may be using up valuable wall space.



SS3, 5, 7 and 9



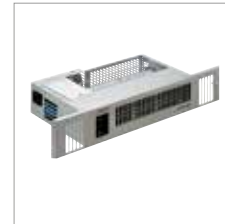
SS5 Dual



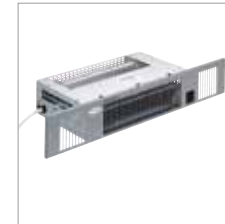
SS2E



SS80



SS80E



SS3E

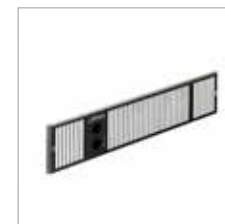
Fitting discreetly into the plinth of a kitchen, the Space Saver provides efficient and effective heat at low level, creating space for extra cupboards, more work surface and additional appliances.

Space Saver is used predominantly for domestic applications where the ingenious plinth mounting feature makes it ideal for heating kitchens and utility rooms. Plinth mounting also makes Space Saver ideal for certain non-domestic applications such as reception areas, changing rooms, libraries, etc.

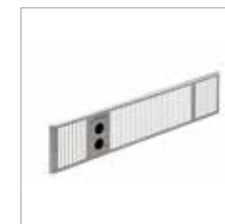
Space Saver connects to a traditional water based two-pipe central heating system. Electric only versions are also available.



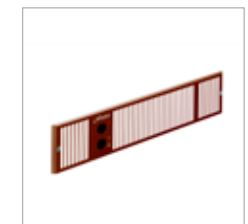
White grille



Black grille



Chrome grille



Brown grille



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 five year 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.

Stockists

All products are available nationally from Builders' Merchants, Plumbers' Merchants, Heating Equipment Distributors and Kitchen Equipment Distributors. In the event of difficulty, please contact us or visit our website SmithsEP.co.uk for details of your nearest stockist.

Information and advice

Full technical specifications and list prices is available to download from our website or in hard copy from our office. Also available on our website are price lists, individual product data sheets, installation & user guides, where to buy, who to contact and a media centre.

Alternatively contact our office 9.00am to 5.00pm Monday to Friday.

As part our commitment to continuous improvement Smith's Environmental Products may change the specifications of its products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All dimensions are in mm unless otherwise stated.

To view the full product information download the datasheet at:
www.SmithsEP.co.uk

For product information, customer services or sales support call us on **+44 (0) 1245 324900**

For the Republic of Ireland, contact MT Agencies on 01 864 3363

Sales: sales@SmithsEP.co.uk

General information: info@SmithsEP.co.uk

Smith's Environmental Products Ltd
Blackall Industrial Estate, South Woodham Ferrers,
Chelmsford, Essex CM3 5UW

SmithsEP.co.uk

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