#ThinkSmiths

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Smith's
A Swan Group Company

Space Saver hydronic with Easilink connector and Easilink controllers

PRODUCT FOCUS

Smith's Environmental Products has upgraded their Space Saver Hydronic Plinth Heaters with an EasiLink connector

Similar to a 'kettle' type socket this enables easier installation. Once the electric lead has been wired into a fused 3A spur by a qualified electrician the Space Saver hydronic plinth heater with EasiLink is easily connected to the power supply by plugging the lead into the socket on the Space Saver by a homeowner, plumber or heating engineer. This will be of great benefit to housebuilders and other trades where the lead can be pre-wired before the installation of the Space Saver, avoiding potential damage.

For more information visit our website →

Additionally, the upgraded Space Saver hydronic plinth heater with EasiLink connector can be combined with an EasiLink controller enabling greater control over the Space Saver. Local control of the heating is achieved by one of two controllers:

SLVTB. A simple manual controller with on off and temperature adjustment. The unit is battery powered and wall-mounted for easy installation into a standard sized electrical back box.

HHPS01. A battery powered, wireless hand-held controller that can be used in manual mode or can be independently programmable.

Space Saver hydronic plinth heaters with an EasiLink connector can be upgraded with the controllers at a later date.

We have broadened our curtain range with the addition of **Ostro ONE**

Ostro ONE a modern stylish air curtain suitable for smaller entrances such as shops, cafes and restaurants. It is also perfect for nursery and primary school classroom entrances where children are encouraged to move freely between the outside and the classroom.

For more information visit our website →

Ostro ONE requires only single-phase electrical supply and features a motion sensor and controls as standard.

Available in two versions - one with a heat output of 3kW and another as an ambient fan only version.

PRODUCT FOCUS

Caspian 75 - An additional size/heat output version of our popular range of Caspian fan convectors has been launched





The new Caspian 75 slots in between the Caspian 60 and Caspian 90. It features an increase in heat output over the Caspian 60. It is ideally suited where space is limited preventing the use of a Caspian 90. Caspian 75 is a cost-effective alternative to a Caspian 90.

The new Caspian 75 is available in several variants – SL, UV, TT, FF and EXT.

All Caspian fan convectors are now only available with EC fans.

For more information visit our website →

CUSTOMER EVENTS

Education Estates Manchester 2025

Smith's hosted a stand at the Education Estates exhibition in Manchester on the 14th and 15th October.

Showcasing our Caspian Smart and Ecovector Low fan convectors to an audience of consultants, energy managers, facilities managers and contractors we were able to demonstrate Smith's capabilities to an audience involved in creating high quality learning environments.

Discontinuation of **Eco-Powerad**

As part of Smith's ongoing product portfolio review and commitment to continuous improvement, the Eco-Powerad Fan Convector will be discontinued effective 31 December 2025.

To ensure continued support for your heating requirements, we recommend the Ecovector LL II and Ecovector LL ranges as suitable alternative products. These models offer enhanced energy efficiency, modern design, and compatibility with a wide range of heating systems.

Model	Product Codes
ECO-POWERAD 500	HPEP52001
ECO-POWERAD 1000	HPEP52002
ECO-POWERAD 1500	HPEP52003
ECO-POWERAD 2000	HPEP52004

For further information or assistance in selecting the most appropriate replacement, please contact your Smith representative or our customer service team.

Flexible solutions when utilising heat pumps in residential properties

TECHNICAL TIP

Simon Butcher | Senior Technical Services Manager

Senior Technical Services Manager at Smith's Environmental Products, Simon Butcher explains how their Space Saver plinth heater can work with heat pumps to heat kitchens.

It's always useful to have a range of solutions at your disposal when heating a dwelling with a heat pump. There are the conventional heat emitters such as radiators and towel warmers of course, but sometimes a more creative solution is worthy of consideration. Many kitchen designers, installers and new build developers already utilise plinth heaters such as Smith's hydronic or electric plinth heaters in kitchens. Experience until recently has shown a reluctance from heat pump installers to use hydronic plinth heaters, as they weren't aware of the product evolution that has taken place.

Smith's has worked with large housing associations and interacted with national energy suppliers and merchants to provide a new fit for purpose product to be installed with heat pumps. To provide some context, twenty years ago most heat generators sources were gas or oil-fired boilers and a 45°C Low Temperature Cut-out (LTC) would have been used to hold off the fan until the coil reached this temperature. Moving forwards to the modern day, we now utilise a 33°C LTC which provides an excellent balance between the needs for a heat pump to modulate down to 35°C and still function.

Furthermore, Smith's plinth heaters work exceptionally well with a low differential between the flow and return temperatures. Heat pumps can perform superbly well with a 5°C differential between the flow and return temperatures, making a great product partnership.

Where circumstances mean pipework cannot easily be run to a kitchen, utility room or other appropriate space, it's worth considering an electric plinth heater. Many times, where heat pumps are installed, it is also common to find photovoltaic panels and even battery storage as part of the mix too. In the prior scenario you can be assured of a very good solution to fit in with whatever challenges the installation may present.

Clearly demand for heat pumps is going to continue growing as part of the UK government commitments to reduce Carbon emissions. Schemes such as the Boiler Upgrade Scheme (BUS) will continue to drive installation numbers upwards. The use of PV and battery storage would seem to be a no brainer if you have committed to a low carbon heating solution too. If you are seeking a highly efficient and sustainable approach to home heating, you also need to consider the best emitter solution to provide comfort conditions in your home too.

With so many advantages it is a surprise to me that more homeowners haven't jumped into the world of renewables more enthusiastically. Now we find ourselves with the added driver of the 2025 Future Homes Standard and amendments to parts F and L of the building regulation this is the time to have as many options as possible and Smith's Space Saver plinth heater ranges offer an excellent solution for new build and refurbishment projects.

Of the 184,390 (according to the ONS) new homes completed in 2024, 10.7% were fitted with a heat pump (Source: Heat Pump Association). When it comes to photovoltaic panels the adoption rate is much higher with around 40% of all new build house completions in 2024 having photovoltaic panels installed (Source: MCS). The overlap whereby new homes with both a heat pump and PV being installed in tandem is likely to increase significantly to help to offset the increased use and therefore cost of electricity when using a heat pump. A plinth heater, whether hydronic, electric only or dual (hydronic and electric heating) offers an effective and convenient solution to kitchen heating.

Whilst a new -build home allows the best scenario to optimise the benefits of meeting the Net-Zero criteria with both a heat pump and PV, installing a heat pump, and/or PV, into an existing property can still reap most of the benefits enjoyed by new-builds. Able to operate at Flow temperatures as low as 35oC a hydronic Space Saver plinth heater can solve heating problems in a kitchen without any upheaval or loss of wall space. If PV is included in the Net-Zero improvements, then an electric only Space Saver plinth heater is a suitable solution especially if storage batteries are installed.

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...
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

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