



Smith's, providing
comfort for your
smart building



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Smith's Smart Controls, providing comfort with controls and convenience

Smith's Smart Control has been developed to integrate several of the most commonly sought-after control features into one control unit and more. At the basic level it offers room temperature control and additionally offers a range of time controlling features too, making it perfect for buildings that serve a varied community demand.

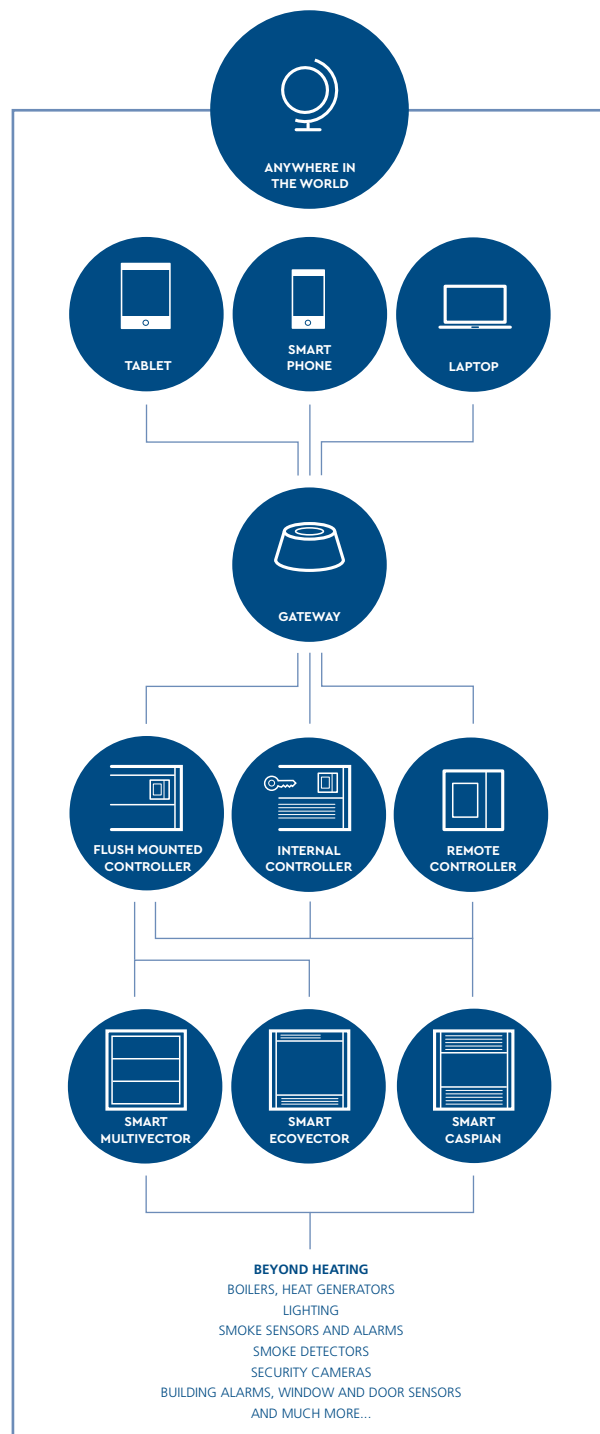
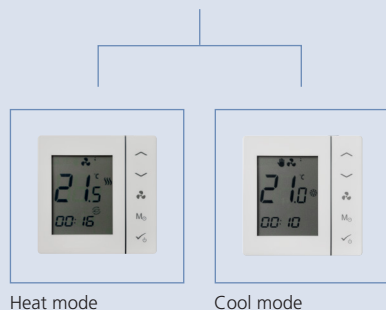
The thermostats can be used as standalone localised controls, or with the integration of our hub control multiple thermostats using our ZigBee platform and controlled via app over the internet. This level of control is cost effective and is far more economical than using a full BMS system.

The control system with the app is very configurable to the needs of the building users and can integrate as part of a much wider control system in a building. It is possible to integrate wireless relays to control other appliances:

- Boilers, heat generators
- Proximity sensors to control lighting
- Smoke sensors and alarms
- Smoke detectors
- Security cameras
- Building alarms, window and door sensors

The system can be expanded in many ways and the app can interact with other apps using IFTTT. The only limit is your creativity and willingness to embrace new technologies.

Smart Control features a summer mode where air circulation can be achieved without heat in summer months



SMART CASPIAN

Using forced convection, fan convectors ensure that rooms heat up more quickly, delivering a more even temperature spread, than heat emitters using natural convection. They can be installed and positioned to suit each room's size and shape, rather than having to obey the installation rules that govern radiators. This ability to deliver heat effectively and efficiently makes them attractive when renovating buildings or specifying heating for new build projects.

The Smart Control can automatically control the fan speed of the Caspian fan convector, adjusting it in relation to the air temperature in the room providing a fast heat up period when required, and the quietest possible operation during occupied periods. There is a manual override facility too.

Suitable for schools, churches, village halls, community centres, offices, medical practices, retail outlets, restaurants, hotels and sports centres.

The control interface unit can be:



wall mounted (remote) for convenience, for example, where the heater is at high level



flush mounted in the product fascia



internally mounted (tamper-proof)



SMART MULTIVECTOR

A new low-level wall-mounted hydronic fan-convector especially developed for use with heat pumps, Multivector features Smart Control which means it can be managed via an app. The EC motor means the fan speed can be infinitely adjusted to ensure the time and temperature control are optimised.



- Low surface temperature compared to radiators
- Energy efficient EC motor
- Low water content allowing a fast response to heating demand
- Designed and manufactured in the UK
- App controlled for remote monitoring
- Smart control – time, temperature and fan speed

Ideally suited for use in both domestic applications such as home heating as well in light commercial applications such as offices, classrooms and waiting areas.



SMART ECOVECTOR

This Smart version of the popular Ecovector Low fan convector adds functionality as well as energy savings features. Incorporating the Smart Controls already established in our Caspian range of fan convectors the Smart Ecovector features controls which can be controlled remotely via an app. Smart Ecovector has 3 fan speeds which can be pre-programmed to meet the customer requirements.



The Smart Ecovector can heat up a room more quickly than radiators, thereby reducing the amount of time the boiler or heat pump is running – making it extremely efficient and cost effective. The addition of Smart controls via an app the performance of Smart Ecovector can be remotely monitored and managed.

- Energy efficient AC motor
- Designed and manufactured in the UK
- App controlled for remote monitoring
- Smart control – time, temperature and fan speed
- Connects to the central heating system

ABOUT SMITH'S

Founded in 1991 Smith's Environmental Products has grown to become the leading supplier of domestic and light commercial fan-assisted hydronic heat emitters. The vast majority of our product range is manufactured from raw materials at our Essex manufacturing facility. Occasionally we source complementary products from other specialist partners to provide the best overall solutions for our customers.

Smith's Environmental Products is a member of The Swan Group. In the early years 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. Since 2007 we have introduced several new innovative heating and cooling solutions using fan convector technologies. In 2020 we launched SMART Control which is a control system which integrates the most commonly sought-after control features into one unit. It is app controlled and enables the control of the heating at several remote sites.

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.

Technical Support

It can be difficult to assess the requirements for a buildings control strategy, so Smith's Technical Support Team will help guide you through, with proposals for your project. Where drawings can be provided, a desktop exercise can be undertaken to specify the required components, but we are happy to attend site too. We have taken great care to ensure we have partnered with the best possible providers and have undertaken various site tests in public buildings. Smith's can bring experience to your project and assist in conveying the many benefits to your customers.

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

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