

heatboss: The intelligent heating system

heatboss is an innovative and intelligent wireless heating control solution for existing commercial and public buildings.

It's simple and quick to fit and allows you to control radiators independently so you only heat when and where you need to, and to a temperature that suits the needs of each room.

Compare this to conventional heating controls that heat rooms that are not in use and heat everywhere to the same target temperature, which results in wasting over 30% of your building's heating costs, then heatboss clearly makes sound environmental and financial sense!

With a quick pay-back and scalable to most building sizes, heatboss works with existing setups to reduce energy consumption while cutting carbon pollution.

- **Easy to fit** – heatboss is designed for an easy retrofit; an average installation takes 1-2 days and the heating does not need to be off
- **Easy to use** – heatboss uses a very simple web app to let you control your heating
- **Easy to customise** – heatboss can be tailored to suit the heating requirements of each individual room
- **Easy to access** – heatboss allows you to control your heating via your PC, Mac, smartphone or tablet anywhere in the world
- **Easy to manage** – heatboss has a team of engineers supporting you and monitoring your heating to ensure that you make the most of your energy usage
- **Easy to save** – heatboss only heats where and when you need it, so the savings come naturally. Users are saving on average 30% of their heating costs.

The heatboss system, which can qualify for a grant from Energia's Energy Efficient Funding Scheme of around 20% towards cost of design and installation, includes the following elements:

HUB: The heart of the heatboss system, it monitors and manages all the wireless communications throughout the building and links all the devices together. The hub is linked to the cloud so that the heating can be managed securely from any web-enabled device.

BOILER CONTROLLER: Controls the central heating and hot water by controlling the boiler(s) and zones. It can replace an existing time clock or it can integrate with an underlying building management system.

It turns the boiler/zone off when all rooms are at their target temperature and on again when they dip below it.

■ Wireless Valve



WEB APP: Allows users to monitor and control their building's heating from anywhere. Using it the user can easily schedule each zone and room's heating on and off times and target temperatures to reflect how the building is used. Users can also use the reports to optimise the savings.

WIRELESS THERMOSTAT: Monitors the ambient room temperatures, relative humidity levels and more and communicates this data wirelessly back to the hub. It also allows users to amend the room temperature or boost the room's heating from within the room.

WIRELESS VALVE: Replacing an existing thermostatic radiator valve, without the need for a drain down, the wireless valve enables the control of each of the radiator



and associated room independently, based on the room's desired on/off times and target temperatures.

Invented by Antrim based company, Okotech Ltd, the heatboss system has become increasingly sought after by a wide range of businesses, councils, hotels, schools, care homes and other establishments. The company recently won the recognition of Highly Commended in the category of Energy Efficient Product of the Year at the NI Plumbing and Heating Awards 2016.

WHAT USERS ARE SAYING

We've been impressed by the ease of installation of the heatboss product and the simplicity of operation on site. The energy savings delivered so far are also very promising - Gareth Harcombe, Operational Manager, Energy and Sustainability, City of Cardiff Council

heatboss has proved to be the best investment that I have ever made. The heatboss team are wonderful and so passionate about their products and technology, the benefits and comfort levels at Bayview have been amazing, BRAVO heatboss - Trevor Kane, Director, Bayview Hotel, Portballintrae

We will only see the true savings over the year, but it's obvious already that we are likely to save anything between 35-45% on our oil bill. We saw a dramatic 44% drop in the first 4 weeks. So our return on investment is pretty straightforward to measure - Mark Roberts, Xcell Partners, Newry and Belfast



heatboss[®]
complete heat control

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