



A complete range of possibilities
Simple and affordable controls with smart capabilities

BOILER PLUS COMPLIANT



Secure C1727

Wireless programmable thermostat control up to 2 zones



Find out more at our website:
www.securemeters.com/c1727

The Secure thermostat is battery operated and controls your heating and hot water. The Secure C1727 model can control up to 2 zones, the Secure H3747 model up to 4 zones.

Smart capable room thermostats

Simplicity sits at the heart of our range of smart capable thermostats, offering the latest energy saving features whilst remaining simple to install and use. This range has been designed in response to the nationwide increase in use of smart thermostats. These controls are customisable without compromising on quality or efficiency, and designed to be used at whatever level of smart is suitable for you.

Bridging the gap between traditional and smart thermostats

We recognise that everyone is different. Some people just want the simple familiarity of a traditional wall mounted thermostat with intuitive push button controls. Others crave the latest smart functionality, such as turning up the heating from your phone whilst sat in a coffee shop, or setting the heating to turn on an hour earlier whilst in the workplace. Our C1727 and H3747 thermostats can be configured and used, whatever your preferences. This makes controlling your home heating system simple, efficient, and convenient, helping to save you time and money whilst reducing our impact on the planet. They are simple to use, simple to upgrade, and come with a dedicated app that allows for a plethora of different ways to control the device, without taking away from the easy to use interface of the thermostat.

The range comes with a host of features, including:

- Easy and intuitive 7-day programming with the ability to copy and edit schedules
- Real time status of hot water and heating zones
- One-click Home-Away function with convenient mode settings
- Instant alerts about low battery in associated zone sensor, communication errors and service reminder
- A guaranteed 12-year battery warranty - makes our models an ideal replacement for wired thermostats with limited functionality

7
years
no quibble
warranty



Secure H3747

Wireless programmable thermostat control up to 4 zones



Find out more at our website:
www.securemeters.com/h3747

Electrical

Number of channels (C1727)	2
Number of channels (H3747)	4
Relay input voltage rating (CH1 and CH2)	12V to 30V DC, or 230/240V (50Hz)
Relay current rating	3A resistive / 1A inductive
Supply (receiver)	230V / 240V AC (50Hz)
Battery specification (thermostat)	Non replaceable 2 x A lithium ion, 3.6V, 3600 mAh
Battery life (thermostat)	~12 years
Insulation category	CAT II
Software class	Class A
Control type	Micro-interruption

Compliance

Design standards	Product Standard: EN 60730-1, EN 60730-2-9 RED Radio: ETSI EN 300 328 RED EMC: ETSI EN 301 489-1, ETSI EN 301 489-17 Safety: EN 62311 :2008, EN62368-1 :2014
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Mechanical

Dimensions (C1727 receiver)	91 x 153 x 32.5mm
Dimensions (H3747 receiver)	91 x 153 x 32.5mm
Dimensions (thermostat)	100 x 100 x 29mm
Weight	161g (approx.)
Case material	Thermoplastic flame retardant
Mounting (C1727)	6-pin standard wall plate
Mounting (H3747)	9-pin standard wall plate

Environmental

Impulse voltage rating	Cat II 2500V
Enclosure protection	IP30
Pollution degree	Degree 2
Operating temperature range	0°C to +40°C
Storage temperature	-20°C to +70°C
Environmental humidity range	0 to 90%

Radio

Compliance	Bluetooth BLE compliant
Operating frequency	2.4 GHz
RF range	~60 m, line of sight

Easy to install our heating controls use a standard backplate for easy retrofitting



Retrofit on many existing controls - using industry-standard 6 & 9 pin backplates



Easy to upgrade to fully smart thermostat with Wi-Fi adaptor



Service interval reminder - add your contact number for service callouts



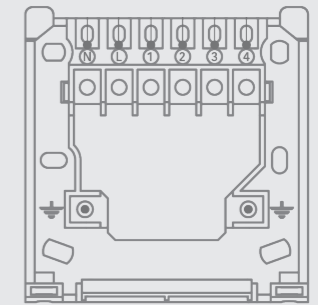
Wireless programmable thermostat comes pre-paired with receiver



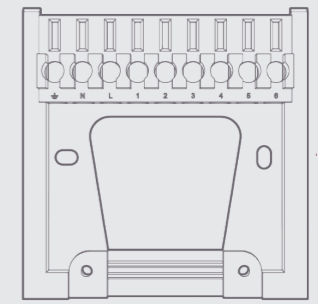
12 year battery warranty on thermostat



Optimum start/stop and load compensation



6 pin backplate for C1727



9 pin backplate for H3747

The Secure C1727/H3747 range are designed to be easy to install. They can also be retrofitted on many existing controls, using the existing 6 or 9 pin backplates. The programmable thermostat comes pre-paired with the receiver and has a 12 year battery warranty. Both controls are Boiler Plus compliant - featuring optimum start/stop and load compensation.

These controls can be retrofitted on many Horstmann* legacy products, as well as over 3 million competitor models, meaning a reduction in the number of products that need to be carried, resulting in less van stock. Less outlay on different brands means a more streamlined inventory.

Hassle-free upgrading to fully smart system

Heating engineers understand that end users want energy saving controls that are not only simple to use, but also can be flexible to grow with their needs. Often smart thermostats can be expensive or not required, but if customers want to upgrade to a smart system in the future, it is easily done. The Secure C1727 and H3747 are the only controls on the market that allow upgrading by simply adding a Wi-Fi adaptor, which plugs in to the front of the receiver. There is no hub, gateway or external power source required, simply plug in the adaptor and enter your internet password.

Controlling multiple zones

Our new range is multi-zone, allowing for easy expansion should another heating zone need to be added in the future. Multi-zone heating enables you to split your home into multiple areas with

* Secure controls went under the brand of Horstmann up until 2019

separate heating schedules, giving you greater control and further savings by only heating the zones you want at the times you need. You can even add a regular wired thermostat to a free zone and control the schedule from your wireless thermostat or from the app. Or, if you want, you can control any device by simply adding it as a wired device through the thermostat, then controlling its schedule, it doesn't even need to be a thermostat.

Automate service reminders

There is also a host of other features. The installer can input their contact number, which will flash on the thermostat screen, allowing the householder to call for service.

As well as the 12 year battery warranty on the thermostat, there are no expensive call backs to change a battery, and there is no costly wiring involved.

Alongside these great features above, everything is covered by the Secure 7 year no quibble warranty.



Download our installer app

Make installations and retrofitting easier.



Our installer app has all the wiring diagrams for Secure/Horstmann and competitor products, links to older product databases, and the installation process to help with retrofitting with our new controls range.

Easy to use with heating controlled by wireless thermostat or Bluetooth-powered app



Easy and intuitive 7 day programming using thermostat or app



Control with smartphone via Bluetooth - no Wi-Fi needed



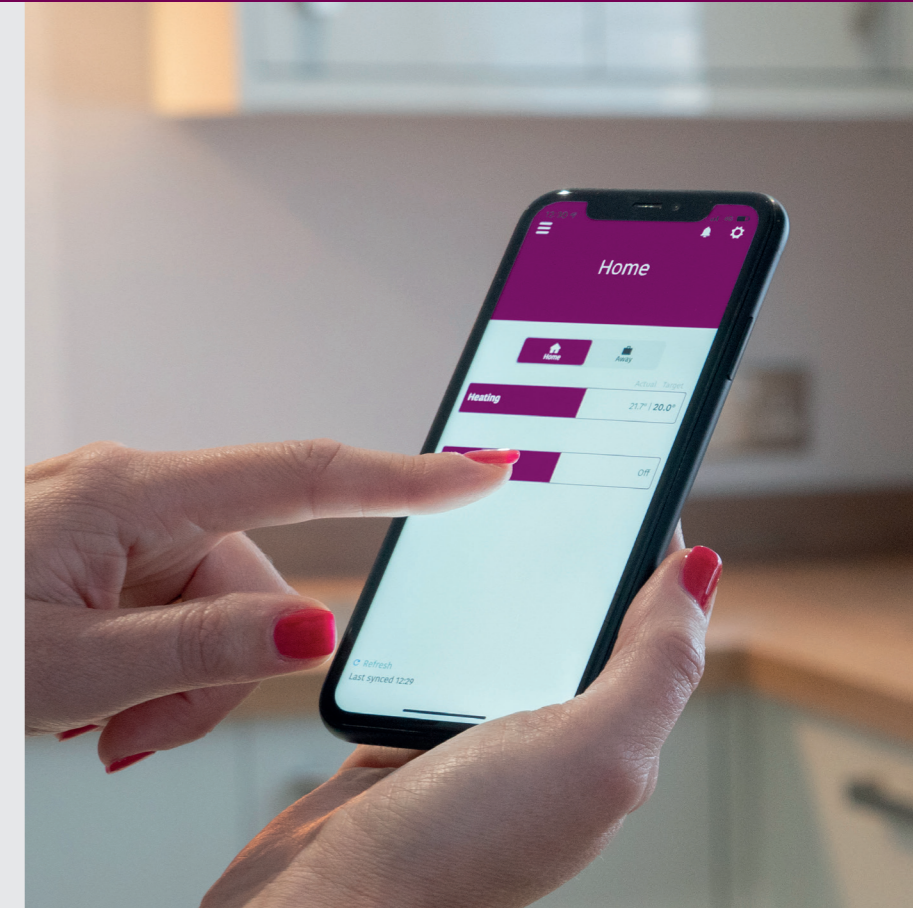
Smart-capable, easy to upgrade to fully smart thermostat with Wi-Fi adaptor



Service interval reminder - add your contact number for service callouts



12 year battery warranty on thermostat

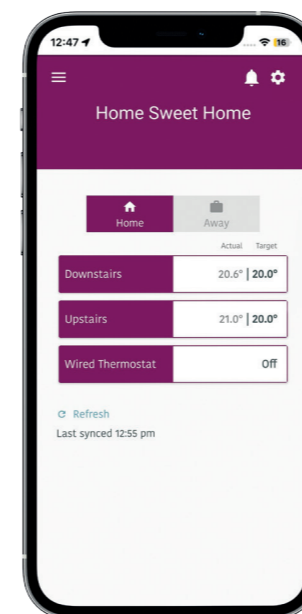


The Secure thermostat is battery operated and controls your heating and hot water. The Secure C1727 model can control up to 2 zones, the Secure H3747 model up to 4 zones.

Both models come with an intuitive interface with powerful features such as:

- Real time status of your hot water and heating zones
- One-click Home-Away function with convenient mode settings
- Easy and intuitive 7-day programming with ability to copy and edit schedules
- Ease of adding or replacing heating control devices
- Instant alerts about low battery in associated zone sensor, communication errors, and service reminders
- Provision for boosting hot water or holding the desired temperature
- Create separate schedules for each zone, ensuring you get the perfect heating experience
- A guaranteed 12 year battery warranty - makes our models an ideal replacement for wired thermostats with limited functionality

The app works locally via Bluetooth and remotely if you fit the optional Wi-Fi adaptor. In Bluetooth mode you can see and adjust the schedule or boost the heating or hot water from your phone. With the additional Wi-Fi adaptor installed you can control everything on your system all the time on the go. There are no gateways or hubs to install and power, the adaptor is simple to plug into the front of the receiver and just requires the Wi-Fi password to work.



- Adjust Optimum start and stop for each heating zone
- Switch the heating on or off or hold a particular temperature
- Set Frost or Away temperatures
- Add other devices to spare zones
- Call the helpline if required, straight from the app

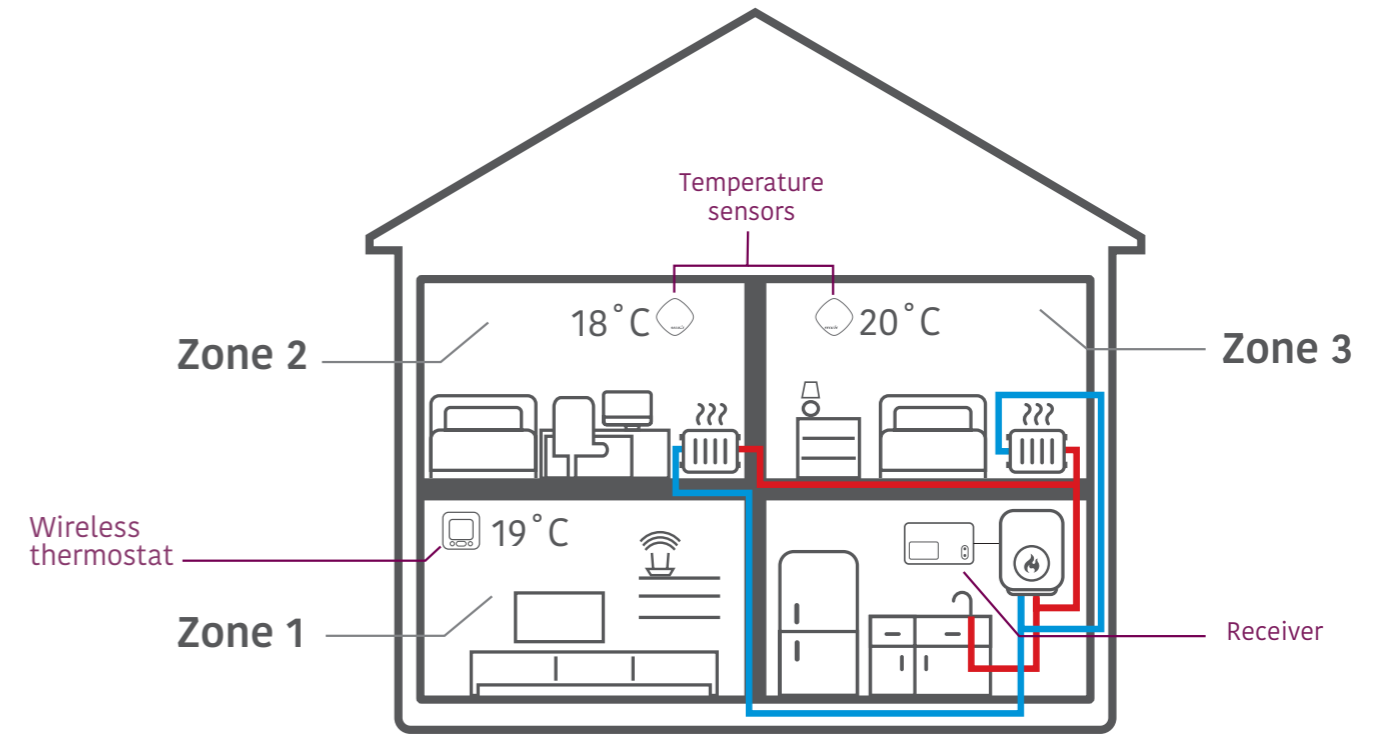


Secure heating control app

Control your heating via Bluetooth or Wi-Fi



Easy to upgrade with our heating controls that are a 'smart-capable' modular system



Typical 3 zone set-up

Our flexible heating controls mean that you can install a system that can work as a regular wireless programmable thermostat, or can easily be upgraded to fully smart control with a front-loading plug-in Wi-Fi adaptor. This will not require any rewiring or additional hubs or gateways to be installed. We are the only controls on the market to offer this simple upgrade option.

Our new range is multi-zone, allowing for easy expansion should another heating zone need to be added in the future. Multi-zone heating enables you to split your home into multiple areas with separate heating schedules, giving you greater control and further savings by only heating the zones you want at the times you need. You can even add a regular wired thermostat to a free zone and control the schedule from your wireless thermostat or from the app. Or, if you want, you can control any device by simply adding it as a wired device through the main thermostat,

then controlling its schedule, it doesn't even need to be a thermostat.

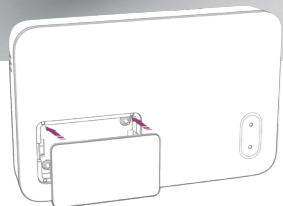
For example, with the C1727 controlling a single heating zone with a combi boiler, you automatically have a second free zone to use in the future however you choose.

With our H3747 model you can control up to 4 zones, so a combi boiler, water heater and temperature sensor can all be used to control all your heating and water needs, from the thermostat or app.

Smart upgradable with our Wi-Fi adaptor

To control from outside your home

Out of the box the receiver can be controlled by the thermostat or via the bluetooth app. With the optional Wi-Fi adaptor, the heating system can be controlled from anywhere.

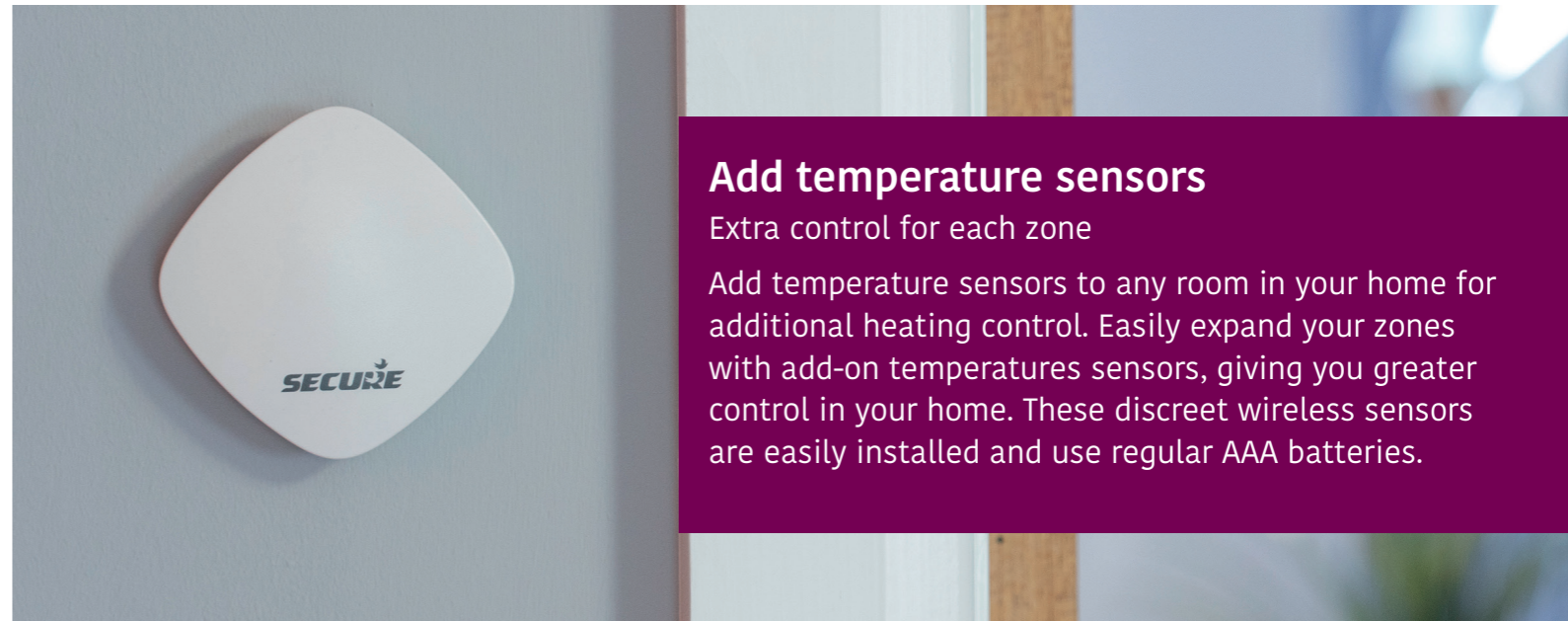


Front-loading Wi-Fi adaptor is easy to install for full remote control from anywhere

Add temperature sensors

Extra control for each zone

Add temperature sensors to any room in your home for additional heating control. Easily expand your zones with add-on temperature sensors, giving you greater control in your home. These discreet wireless sensors are easily installed and use regular AAA batteries.



Cost-effective heating controls for social housing



Retrofit on many existing controls using industry-standard 6 & 9 pin backplates



Smart-capable, easy to upgrade to fully smart thermostat with Wi-Fi adaptor



Service interval reminder - add your contact number for service callouts



Wireless programmable thermostat comes pre-paired with receiver



12 year battery warranty on thermostat



With the sharp increase in fuel prices due to the energy crisis in the UK, ensuring the warmth of tenant's homes in a cost-effective manner is paramount. Local authorities and housing associations are facing a critical choice, providing for tenants, or decreasing funds. Cost-effective solutions that can meet future demands can be a smart way to invest in future needs, saving money in both the long and short term.

Our flexible heating controllers allow you to update legacy technology with similar functionality. This allows future upgrades, without needing to reinvest in new and expensive smart controls. These controls are future proof due to their ability to receive firmware upgrades. This means that in the years to come, if legislation is to change, so can these controls.

Versatile heating control solution

Just one unit can now control most heating systems, from combination to regular boilers, and even heat pumps. This allows the streamlining of inventory and reduces the number of units required to stock and manage.

Easy controls to save energy and money

The Secure C1727/H3747 controls can function as a wireless programmable thermostat and comes pre-paired to the receiver. As well as this, it can be controlled using the mobile app that connects to the device via Bluetooth, **no Wi-Fi connection is required.**

Servicing made easier

The optional service interval function helps enable compliance with gas safety legislation as well as access to the property. The installer can input their contact number, which will display on the thermostat screen for the tenant to call for service. The minimum-maximum temperature can be set and locked with a customisable pin code.

The wireless thermostat has a battery that carries a **no quibble 12 year warranty.** The lifetime battery is sealed and cannot be accessed, reducing the level of call outs.

Unique and cost-effective option of upgrading to a smart solution

These new controls are smart-capable and versatile. If tenants are looking for a fully smart product, they can purchase a Wi-Fi adaptor and insert it into the front of the unit, this will not change the way the product is serviced or cost extra to the landlord as the tenant will use their own Wi-Fi. The heating profile can also be set without the Wi-Fi adaptor or the mobile app, meaning any tenant can use the controls, regardless of whether or not they have or use a smartphone. This is a cost-effective way of catering for the demand of a variety of different tenants.

Alongside the great features above, everything is covered by the Secure 7 year no quibble warranty.

Versatile heating controls for new housing developments



Multi-zone control - up to 2 zones (C1727) and up to 4 zones (H3747)



Smart-capable, easy to upgrade to fully smart thermostat with Wi-Fi adaptor



Service interval reminder - add your contact number for service callouts



Wireless programmable thermostat comes pre-paired with receiver



12 year battery warranty on thermostat



With the sharp increase in fuel prices due to the energy crisis in the UK, energy efficiency is a must-have feature for homeowners. Property developers looking to give extra value to their home can offer a simple solution that caters to all types of homeowners. Having the option to upgrade future-proofs the heating system, which can be an attractive proposition in these changing times.

The app has full functionality with just Bluetooth, meaning the thermostat can be programmed with or without Wi-Fi, whichever is preferred by the user.

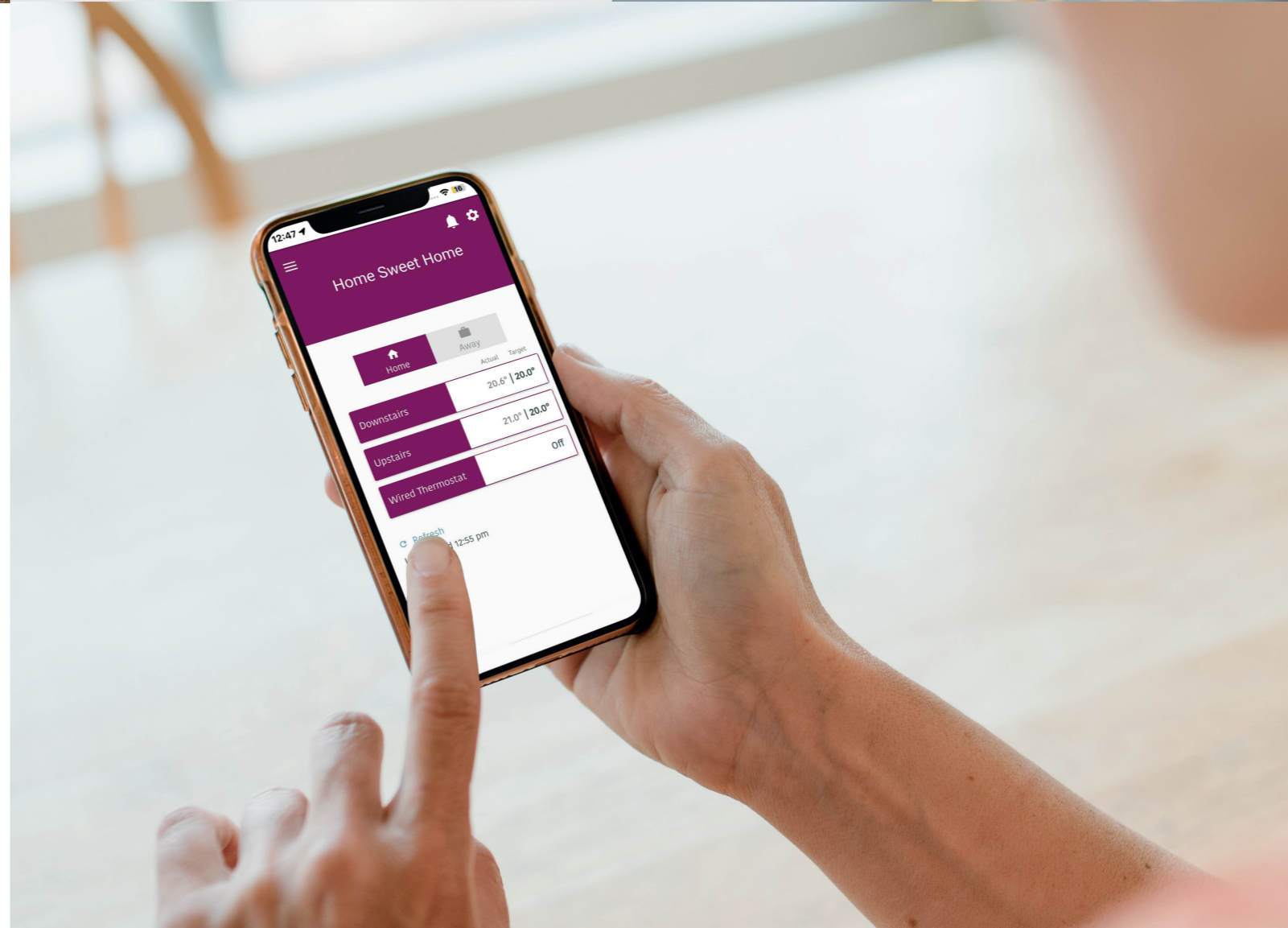
Simple upgrade to fully smart system if required

Our products are smart-capable, meaning that if a homeowner is looking for a fully smart product, they can purchase a Wi-Fi adaptor. There is no rewiring or repositioning of the unit required, the Wi-Fi adaptor just slots into the front. This can be done by anyone, making this a simple operation that does not need an installer. We are the only controls on the market to offer this option.

Multi-zone control

Our new range is multi-zone capable, allowing for easy expansion should another heating zone need to be added in the future. Multi-zone heating enables splitting a property into multiple areas with separate heating schedules, giving greater control and further savings by only heating the zones needed.

The wireless thermostat has a fixed battery that carries a 12 year warranty, and everything else is covered by the Secure 7 year no quibble warranty.



Energy saving controls compliant to eco standards



Multi-zone control - up to 2 zones (C1727) and up to 4 zones (H3747)



Smart-capable, easy to upgrade to fully smart thermostat for remote control



Optimum start/stop and load compensation

ECO4

C1727 qualifies for ECO4 smart thermostat measure category (with Wi-Fi adaptor)



With energy prices rising to record highs new research has been released by BEAMA which can help all householders save money and energy. It reinforces the message that simple steps can be taken to lower heating costs and reduce carbon emissions.

A recent BEAMA study emphasises just how important a role thermostats and smarter heating controls can play in reducing energy consumption and providing greater energy efficiency. The report, independently carried out by the University of Salford, deals with homes that have heating controls and thermostats that are simply inefficient.

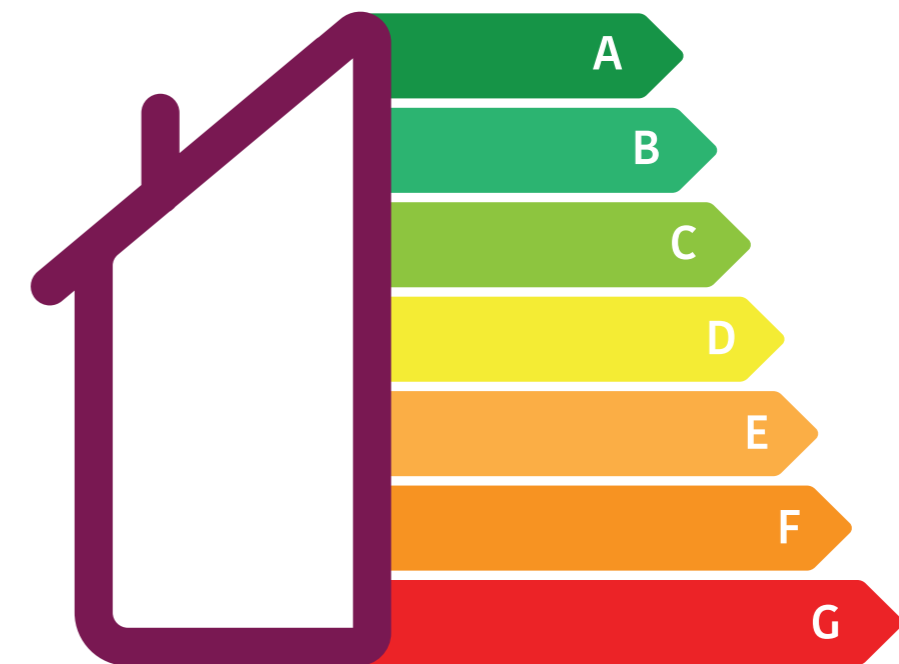
Load compensation saves energy

Many homes in the UK still have standard types of thermostats and simply replacing these with an ON/OFF load compensation thermostat (Class IV) can reduce gas use by up to 10%.

Given the rising energy costs, this easily accomplished act of upgrading the thermostat on the wall could provide a quick return for minimal investment, as well as added comfort. A further 6% saving can be achieved if the thermostat is also smart capable and able to allow adjustments of time and temperature remotely.

Boiler Plus and ECO4 compliant

The C1727 and H3747 are Boiler Plus compliant and can be retrofitted on many existing controls. The C1727, when fitted with a Wi-Fi adaptor qualifies under the smart thermostat measure category for ECO4, and the product has Innovation Measure status, which attracts a 25% uplift on the standard smart thermostat ECO scores.





Horstmann Controls are now branded Secure

The Secure Group provides end-to-end solutions, from smart grid metering to intelligent heating controls, in markets ranging from Australia to the UK.

Grid simulation software, metering and payment systems, sensors and control platforms come together as solutions to enable our customers in over 60 countries to reduce energy use, improve energy security and take well-informed steps towards net zero. From generators, to national grids, to industry and residents in their homes, we help people understand and better control energy use.

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