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evohome multi-zone, Lyric  
T6 programmable thermostat  
and Single Zone thermostat

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Smart Heating Controls

**THE COMPLETE CONNECTED CHOICE**

# A smart heating solution for all

Honeywell offers a truly smart choice in heating controls. Our devices are designed to fulfil today's home heating requirements, with a simple installation solution to suit every system or boiler set-up.

We understand what you and your customers need, giving you complete confidence in our heating control systems.



Whether it's a simple connected single zone thermostat, a smart programmable thermostat or a multi-zone connected heating system, we give you all the choice you need to satisfy any customer, system or boiler.



### Lyric T6 programmable thermostat

Seamless control for you and your customer

Developed as part of a future world of connected controls, the Lyric T6 Series is equipped with touch-screen technology, remote access via tablet or smartphone, wireless connectivity and a suite of features in tune with today's home controls.



### evohome smart multi-zone system

Create the perfect comfort zone

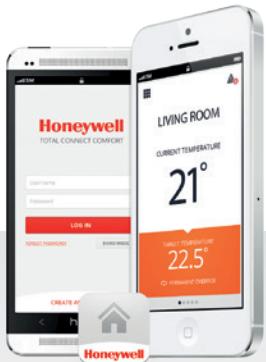
The **evohome** is a connected wireless thermostat, designed to give customers total control of their comfort level and heating costs, offering remote access via tablet or smartphone and options to control the hot water system and up to 12 heating zones.



### Single Zone thermostat

A true source of comfort

Our Single Zone thermostat gives customers the ability to programme their room heating to satisfy their needs for comfort and affordability, with the flexibility to change time and temperature profiling via a smartphone or tablet.



### evohome security

Smart security that's simple to fit

**evohome** security is a smart, wireless security system that connects your customer to their home, wherever they are. It also links with the **evohome** or Single Zone thermostat, combining security and heating control in one.

# Single Zone thermostat

## A true source of comfort

Installed in thousands of homes, this simple to use, wireless room thermostat is designed to make the home more efficient, particularly when used as a programmable thermostat.

- Perfect upgrade thermostat for any system or boiler
- Remotely controllable and programmable via the Honeywell Total Connect Comfort app
- Provides overall savings on heating bills of up to 53%\*



**Wireless operation** using the wireless digital room thermostat with its simple to use interface. It is battery powered, with a low battery indicator, and pre-bound to the wireless receiver box

**Combi boiler compatible** room temperature control with the option to connect the unit to the internet (using the Mobile Access Kit). Includes full time and temperature scheduling via the app (with the timer in constant mode)

**Installation is easy** – after wiring the wireless receiver box into the system, the receiver links instantly with the pre-bound Single Zone room thermostat. The receiver can be wired directly to motorised zone valves or actuators, or bound to existing Honeywell BDR91 wireless relays without re-wiring (CM900/700 & DT92)

**Simple to use** – with a twist of the outer ring control dial, the temperature set point can be adjusted up or down without needing to be programmed. Also features on-screen battery status and RF signal check

\*BEAMA 2015

**Remote access** lets users adjust set points and timing programmes using a smartphone or tablet from wherever they are (requires RFG100 Mobile Access Gateway, sold separately)

**Programmable thermostat functionality** (via Total Connect Comfort app) allows customers to create combined time and temperature profiles of 6 time periods a day, variable by day for 7 days using the app. Includes a Copy Day feature to simplify programming

**Perfect for zoning**, with options to create two zones and control them from the same app

**Security features** include the programmed Range Stop function, which stops the room from going above or below set point temperatures

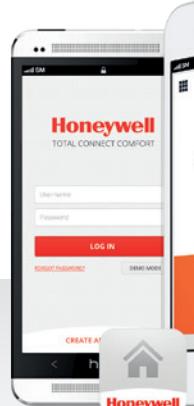
ORDERING SPECIFICATION	
Item	Product Code
Single Zone thermostat	Y87RF2024
Spare Single Zone thermostat	T87RF2024
Mobile Access Kit	RFG100



## Mobile Access Kit (RFG100)

For use with the Single Zone thermostat.

- Simple to install modem allows the Single Zone thermostat to communicate with the app
- Connects via ethernet cable (supplied) to home broadband router; 240V power supply (supplied)
- One-button binding
- Honeywell Total Connect Comfort app available free from iTunes or Google Play Store



# evohome smart multi-zone system

## Create the perfect comfort zone

**evohome** is a sophisticated heating system that gives customers individual control of up to 12 heating zones in their home as well as their hot water system, helping them manage their comfort level and heating costs.



**Remote control** allows customers to quickly change their heating settings using a smartphone/tablet app from wherever they are

**Easy access** temperature and time scheduling when the device is used as a programmable thermostat

**Built-in scheduling wizard** makes setting the time and temperature easy

**Quick Actions** function lets customers set the system for days off, lower temperatures and leaving the home for a short or long period, at the press of a button

**Easily upgrade** to a fully controlled Smart Zone heating system once the **evohome** is installed

**Independent control** of time and temperature for up to 12 heating zones, providing customers with individual schedules for different rooms, helping them avoid wasting energy on unused rooms

**Installer and customer friendly** – not only will it fit your customer's lifestyle, the thermostat can be installed wirelessly without disturbing the decor and set up quickly via Wi-Fi

## ORDERING SPECIFICATION

Item	Product Code
evohome Wi-Fi Connected Thermostat Pack	ATP921R3100
evohome Hot Water Kit	ATF500DHW
evohome Radiator Multi Zone Kit	HR92UK
Multi Zone Kit (4 x radiator controllers)	HR924UK



# evohome security

## Smart security that's simple to fit

The **evohome** security range is fully modular, making it easy to install and easy to expand.

The main hub automatically detects each wireless accessory – simply add these to your customer's system using the online portal. You can connect up to 32 accessories, offering protection now and in the future.

From glass-break sensors to motion-sensing cameras, **evohome** security gives your customer the flexibility they need to protect their home whether they live in an apartment or a large house.



# Lyric T6 programmable thermostat

Seamless control for you  
and your customers



## Key customer benefits

- Touch-screen interface** simplifies scheduling, changing and overriding the temperature
- Control via smartphone/tablet** gives customers complete control of their heating system wherever they are
- Location-based programming (geo-fencing)** adds an additional automated layer of control, adjusting the customer's home heating based on their location
- Pre-configured and bespoke scheduling** gives customers a choice of settings to suit their needs, including away modes and 7 day, 5/2 day and single day combined time and temperature control with up to 6 time periods per day
- Optimisation features**, including 'optimum start and stop' boiler control, allow the thermostat and boiler to work more efficiently together
- Smarter TPI control protocols** ensure the boiler fires for the minimum amount of time required to maintain the desired set point

## Key installer benefits

- Compatible with 24-230V on/off and OpenTherm appliances** such as gas boilers, combi boilers and heat pumps
- Can be used as a room temperature control** in a standard S Plan or Y Plan system
- Easy integration** into existing heating systems
- On-screen set-up and fail-safe functions** accessible via the thermostat or the installer's own smart phone simplifies the installation process\*
- 'In control' confirmation** with a flame symbol clearly shows when the thermostat is operating in a planned control time period, giving you an easy confirmation that the system is working during set-up
- Temperature measurement** can be offset to suit the position of the thermostat if required
- Wi-Fi enabled connectivity** offers direct connection to the customer's home network without additional equipment

\* Access to the homeowner's phone or Lyric account is not required.

## One thermostat, multiple solutions

With both wired and wireless versions of the Lyric T6, you can choose the perfect installation or upgrade for your customer.



### Lyric T6

Wall-mounted programmable thermostat designed to replace existing wired models.

- Simple wall mounting solution
- Utilise wiring from the old thermostat, using an optional decor plate to cover a larger footprint where necessary
- The Lyric T6 thermostat wiring connects to the boiler via a boiler relay box (provided)
- Final installation steps may be carried out via the installer's smartphone using the Lyric app or directly using the thermostat



### Lyric T6R

Wireless programmable thermostat supporting easy installation.

- Small table-top stand (powered by standard power lead) can be easily positioned for optimal temperature measurement
- Easy switch-over for existing wireless receiver boxes with a simple, one-wire path to the boiler
- The thermostat is pre-bound to the receiver box
- Signal strength test facility ensures a robust wireless signal
- Boiler operation fail-safe feature for lost communications
- Final installation steps may be carried out via either the installer's smartphone using the app or using the touch-screen on the thermostat



### Universal wall plate

Not only does the universal wall plate simplify the installation of the T6 wired thermostat, it offers easy future upgrades.

#### ORDERING SPECIFICATION

Item	Product Code
T6 wired version	Y6H910WF1011
T6R wireless version	Y6H910RW4022
Lyric T6 decor plate	ACC400



### Wireless receiver box

The wireless receiver box has been redesigned to simplify the installation process.

- Simple flip-up wiring bar for easy access and an easy-to-install boiler or zone valve interface\*
- Direct wall mounting or wall-box mounting
- Utilise existing wiring from a wired thermostat
- Specific OpenTherm terminals make connection to OpenTherm-capable boilers simple
- LED power and warning light system shows communication status with boiler or zone valve
- Override the thermostat and fire the boiler for a systems check with a one-button push
- Quickly reset and delete the current binding using the reset pinhole



Receiver box back plate

\*Both T6R wireless and T6 wired versions require a receiver box.  
Note the receiver box is different depending on the model

# Technical details



LYRIC T6 & T6R		SINGLE ZONE THERMOSTAT	
Control form	Adaptive Fuzzy Logic	Power	2 x AA size, LR6, 1.5V batteries (supplied) 10A resistive
Room Temperature display range	From 0°C to 35°C	On loss of power	Configuration settings stored in the Mobile Access Kit, so are retained during battery replacement; Time base functions will be lost during internet downtime
Dimensions (w x h x d)	Lyric T6 (wired) 103 x 103 x 28mm Lyric T6R (wireless) 108 x 103 x 68mm	Switch rating	g: 24-230 V, 50-60 Hz, 5 A resistive, 3 A inductive (0.6pf)
Time display	24 hour or 12 hour AM/PM format	Temperature setting range	5°C to 35°C set point range in 0.5°C increments
Timekeeping accuracy	Synchronized with internet when connected or typically better than 10 minutes per year	Frost protection	5°C when thermostat switched to off/standby, adjustable 5°C to 16°C; Frost protection not available in cooling mode
Program	Pre-programmed 5+2 schedule or 7 day, 5/2 or daily bespoke schedule with up to 6 daily time and temperature level changes	RF operation band	ISM (868.0-868.6) MHz, 1% duty cycle
Time setting resolution	Program – 10 minute steps	RF communication range	Up to 30 m in residential building
Sensing element	100K (@ 25°C) NTC thermistor	Standards	CE mark, complying with standards EN60730-1 (2001), EN60730-2-9 (2002), EN55014-1 (2006), EN55014-2 (1997); ETSI EN300 220-3, ETSI EN301 489-3; WEEE & RoHS compliant
Temperature setting range	Program: 5 to 35°C in 0.5°C steps OFF: 5°C	Dimensions (w x h x d)	85mm diameter x 33 mm
Power	Lyric T6 (wired) ~20VDC/300mA by Receiver box Lyric T6R (wireless) 5VDC power adapter	Wireless receiver box	
Wiring	Lyric T6 (wired) terminal block capable of accepting wires up to 1.5 mm²	Power	230 V, 50–60Hz 1VA max. Note – requires permanent mains power supply
<b>Receiver box</b>		Wireless receiver box switch type	SPDT (single pole double throw) potential free: relay life 100,000 operations minimum
Power	230VAC	Wiring	Terminal block for mains and relay wiring, for wires up to 2.5mm² wiring access rear and left side
Electrical rating	230 V~, 50–60 Hz, 0.5 A to 5 A resistive 0.5 A to 3 A inductive (0.6 pf) 24 V~, 50–60 Hz, 0.5 A to 5 A resistive 0.5 A to 3 A inductive (0.6 pf)	Dimensions (w x h x d)	90 x 92 x 30.5mm
Cycle rate	Selectable by application	Weight	96 g
Wiring	Terminal block capable of accepting wires up to 1.5 mm²	IP class	IP30
Dimensions (w x h x d)	110 x 110 x 40 mm		
IP class	IP30		



## ErP energy efficiency ratings

The ErP energy efficiency ratings shown in this brochure will provide installers and end users with the information required to both complete the ErP energy label and assess the benefits of the heating controls to the overall heating system in the property. These ratings apply to room thermostats (including programmable thermostats).

## For more information

[honeywelluk.com](http://honeywelluk.com)

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