

**Honeywell** Home



## Heating Control Products

For new residential and social housing applications



# We can help you establish the right specification for a wide range of property types

For decades **Honeywell Home** Heating Controls have been recognised as the market leading brand of timers and thermostats, zone valves and TRVs in the UK market. Last year the company that makes these products was separated from the Honeywell corporation and is now a stand-alone NYSE traded company called **Resideo**. All our Thermostats, timers and programmers are manufactured in the UK at our product excellence centre in Motherwell—this is also where our innovation and product development is housed.

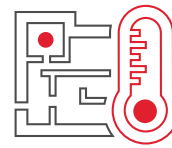
We have a 130 year history of creating innovative, reliable solutions, our mission is to provide technology that delivers comfort, security control and simplicity to the places people call home.



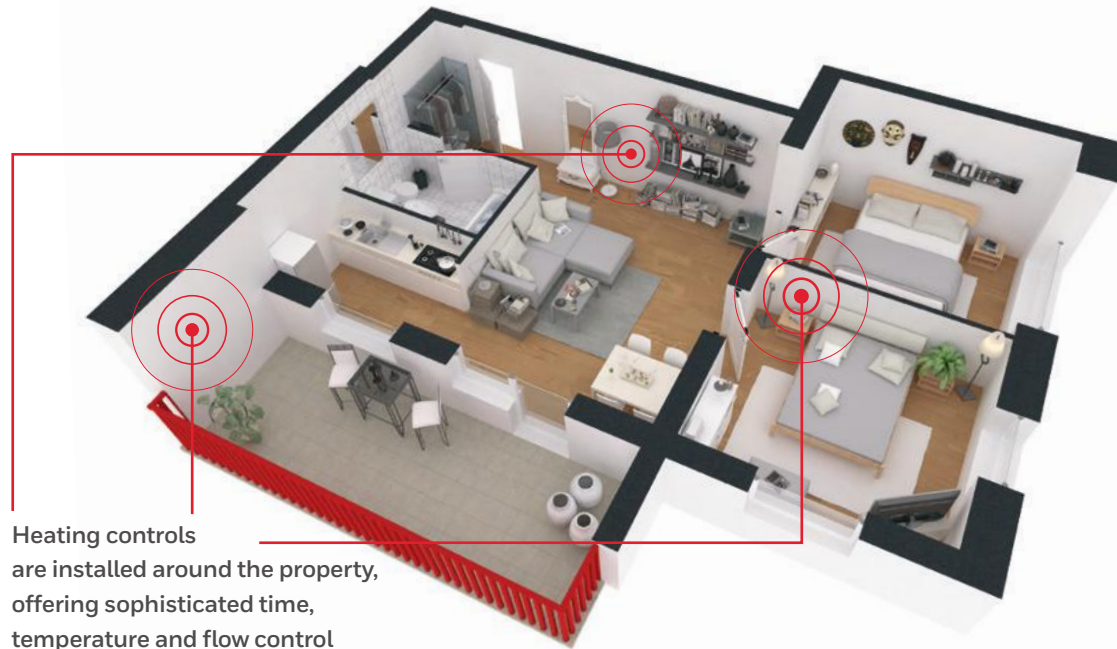
Room Thermostats for room temperature control



Timers and programmers provide on/off timing control



TRV's provide individual room temperature control



Heating controls are installed around the property, offering sophisticated time, temperature and flow control

# A one stop solution for all construction types



Mixed Residential



Affordable apartments and smaller houses



Mid size early family properties



Larger Family dwellings



Specialist designs



Social Housing



Retirement complexes



Modular Housing



# Product Selection

**GOLD**



**T4 PROGRAMMABLE THERMOSTAT**  
**VTL120 TRV SETS**  
**V4043 2 PORT ZONE VALVE (s)**

**Additional Gold Options**  
Underfloor heating control with additional T4 programmable thermostat  
DO4FT Pressure Reduction Valve

**PLATINUM**



**T6 SMART PROGRAMMABLE THERMOSTAT (wall mounted)**  
**VTL200 TRV SETS (white or chrome)**  
**V4043 2 PORT ZONE VALVE (s)**

**Additional Platinum Options**  
RF2 Pack 4 hot water control  
TM200VP thermostatic Mixing Valve  
DO4FM potable water pressure reduction valve  
WLD water leak detection

**SILVER**



**T3 PROGRAMMABLE THERMOSTAT**  
**VTL120 TRV SETS**

**Additional Silver Options**  
V4043 2 port zone valve

**All our heating controls will work with any system and any boiler**

**CORE PRODUCTS**

<p>V4043 MOTORISED ZONE VALVE</p> <p>DU145 AUTO BYPASS VALVES</p> <p>EA122 AUTO AIR VENT</p>	<p>TMV200VP THERMOSTATIC MIXING VALVE</p> <p>DO4FT PRESSURE REDUCTION VALVE</p>
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# Heating Control

# The perfect fit.



### T3 programmable thermostat

- With built in service reminder
- Wired and wireless models
- 4 time schedules per day
- Easy to install & programme



### T4 programmable thermostat

- 6 time schedules per day
- Wired and wireless models
- OpenTherm compatible
- Easy to install & programme



### T6 programmable thermostat

- Mobile & location based control
- Works with all Home Hub devices
- Wired and wireless models
- OpenTherm compatible



### Evohome multi-zone system

- 12 individual heating zones plus hot water & underfloor heating control
- Wireless installation - no need for zone valves
- Sophisticated mobile and tablet smart control inc Alexa and Google Home

PRODUCT	PRODUCT CODE
T3 wired programmable Thermostat	T3H110A0066
T4 wired programmable Thermostat	T4H110A1021
T4M wired OpenTherm compatible programmable Thermostat	T4H310A3032
T6 wired programmable Thermostat	Y6H910WF1011

PRODUCT	PRODUCT CODE
evohome connected thermostat pack	ATP921R3100
evohome radiator controller	HR92UK
evohome radiator controller 4 pack	HR924UK
evohome hot water pack	ATF500DHW
Underfloor heating controller	HCC80R
Single zone wireless thermostat	Y87RF

*Evohome essentials alternative also available*





## System Valves

# The perfect control.

### For flow control



#### V4043 2 port zone valve

- Open & Closed models provide system design choice
- Removable head
- Variety of sizes

### For system balance



#### DU145 automatic bypass valve

- Saves energy by balancing the system
- Building Regulations compliant
- Reduces system noise

### For individual control



#### VTL120 lock shield pack

- Provides system balancing and individual room control
- System will work at an optimum level
- Avoid hot and cold spots

#### PRODUCT

V4043 Normally Open 2 port zone valve 22mm

DU145 22mm Automatic Bypass Valve

*Other sizes and specifications are available*

#### PRODUCT CODE

V4043B1257

DU145 - 3/4 B or E

# T6 Smart Packs.

In support of specific New build applications, we have created a number of application specific T6 Thermostat packs:



## Smart Hot Water

Wireless T6 wall mounted thermostat with both heating and hot water control



## Smart two zone control

2 wireless T6 wall mounted thermostats to control 2 heating zones - This pack will also provide hot water control from one of the thermostats



PRODUCT CODE	DESCRIPTION
PS00PBT6RW	Smart Hot Water control T6 Pack
PC00P2BT6RW	Smart two zone control T6 Pack
PSP00P2BT6RW	Smart T6 S Plan Plus Pack for 2 zones plus hot water

Table mount versions of the above products are also available

# T6 The right way to offer smart heating



Wall powered T6  
packs available



- The T6 smart thermostat offers sophisticated easy to use, whole house and room temperature control and will also control hot water timing
- Two T6 thermostats can be combined to create the PART L required heating zones
- Homeowners can control the T6 via their smartphones or tablets
- Built in geo-fencing capabilities make the system even smarter
- Wall mounted, hard wired models and wireless table top versions available
- Awareness camera and leak detection can be added to the home all using the same smart phone app
- The T6 models work with all the major smart home devices - Alexa; Google; Apple & IFTTT

# evohome The modern way to zone a property

Building regulations mandate the installation of at least 2 heating zones in properties above 150 Sq M. The best way to comply and also add value to your offering to house buyers is to fit the evohome multi zoning system

- The evohome multi-zoning system allows the easy installation of up to 12 individual heating zones
- The system also controls hot water time and temperature
- Underfloor heating areas can be controlled via the evohome system allowing central control of both radiators and underfloor heating
- Combi- boiler evohome applications can be designed without zone valves
- Thousands of properties (small and large) now have sophisticated zone control thanks to evohome





# Thermostatic Radiator Valves.



## TRADITIONAL

### VTL120 TRV Set

Energy efficient Eco button.  
Matching lock shield.



## DESIGNER

### VTL200 TRV Set

Top of its class for design and performance.  
Matching lock shield.



PRODUCT CODE	PRODUCT
VTL120-15A-P	Traditional TRV + Lockshield 10mm Pushfit Fittings Angled
VTL120-15A-DP	Traditional TRV + Lockshield 10mm Pushfit Fittings Angled Drain-off tailpiece
VTL120-15S-P	Traditional TRV + Lockshield 10mm Pushfit Fittings Straight
VTL120-15S-DP	Traditional TRV + Lockshield 10mm Pushfit Fittings Straight Drain-off tailpiece

PRODUCT CODE	PRODUCT
VHL120-15A-P	Matching Manual Valve 10mm Pushfit Fittings Angled
VHL120-15A-DP	Matching Manual Valve 10mm Pushfit Fittings Angled Drain-off tailpiece
VHL120-15S-P	Matching Manual Valve 10mm Pushfit Fittings Straight
VHL120-15S-DP	Matching Manual Valve 10mm Pushfit Fittings Straight Drain-off tailpiece

PRODUCT CODE	PRODUCT
VTL200-15A-P	Classic TRV + Lockshield 10mm Pushfit Fittings Angled
VTL200-15A-DP	Classic TRV + Lockshield 10mm Pushfit Fittings Angled Drain-off tailpiece
VTL200-15S-P	Classic TRV + Lockshield 10mm Pushfit Fittings Straight
VTL200-15S-DP	Classic TRV + Lockshield 10mm Pushfit Fittings Straight Drain-off tailpiece

Our Valencia TRV Range has a unique balancing feature which reduces cold radiators and installer call outs

# Building regulations address the minimum standard of control in today's new houses

## The minimum standard is:

- Timer and room thermostat for heating and independently timed hot water with temperature control or a programmable thermostat with combined time and temperature control.
- Motorised Zone Valve
- An automatic Bypass Valve
- Radiator Thermostats (TRV's) on all radiators (except the room containing the room thermostat)

## For houses with stored hot water:

- A hot water timer ( or programmable thermostat for heating zone control with additional hot water time control) and a cylinder thermostat
- Zone valve to control the hot water flow

## For houses over 150Sq M you will require additional products

The property must be divided into a minimum of 2 zones – a living zone and a sleeping zone. This will require:

- Independent time control of each zone with a room thermostat controlling each zone or a programmable room thermostat in each zone
- Two motorised zone valves

## Building Information Modelling

We can provide the whole suite of Building Information Modelling (BIM) objects for all of our heating and flow control products

These can be found on our website:

[heatingcontrols.honeywellhome.com](http://heatingcontrols.honeywellhome.com) or via the **BIMSTORE**

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**PROUD TO SUPPORT**  
**THE PROFESSIONAL**  
**HOUSING DEVELOPER**

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**Building regulations demand increased standards when considering heating controls - with Honeywell Home controls you can be confident that you comply and also have the opportunity to maximise the benefits to the SAP energy efficiency calculation for the property.**

The programmable room thermostats in this brochure have Delayed Start functionality - This increases the SAP point score

evohome makes zoning easy - In larger properties you can comply with building regulations and also increase your SAP score.

Enhanced Load compensation through OpenTherm increases your SAP score - Fit the right controls to control this open protocol



## Going the extra mile

We not only offer a comprehensive portfolio of sophisticated control products to suit all housing types we realise that you need to work with a manufacturer that provides:

- **Dedicated product training for your sales personnel; specification professionals and your installer base**
- **UK based Installer technical support**
- **Video selling tools and installer walk throughs**
- **Detailed handover information including easy user guides for your home purchasers to avoid problems when they move in**
- **Product training for sales; installers**
  - Easy user guides
  - Video help
  - Handover information
  - Dedicated customer technical support



### For more information

[heatingcontrols.honeywellhome.com](http://heatingcontrols.honeywellhome.com)

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# resideo

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