



# The smartest zoning system just got smarter

The evolved evohome multi-zone system



# Introducing the improved evohome heating control system

evohome is a smart zoning system that supports up to 12 zones in the home, all from one place. It's a reliable, trusted system from Resideo – and with new features it's now even smarter.

evohome means your customers can easily manage their home temperature room by room, either locally or remotely via the app. This smart all-in-one solution is wireless, connected, simple to install and easy to use. And, because it's so versatile, it's the only smart zoning system you'll need.



## EVOHOME FEATURES

- Smart zoning – up to 12 zones controlled individually
- Wireless – easy installation and no décor disturbances
- Connected – built in Wi-Fi for remote access through a tablet or smartphone
- Control where needed – locally in the room, centrally on the display, remotely via the app or through smarthome voice assistants
- Works with IFTTT, Google Assistant and Amazon Alexa
- 7 days / 6 periods program for each zone individually
- Full-colour touch-screen display

## Heat and cool temperature control



## Advanced load scaling

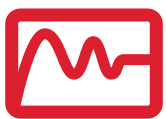
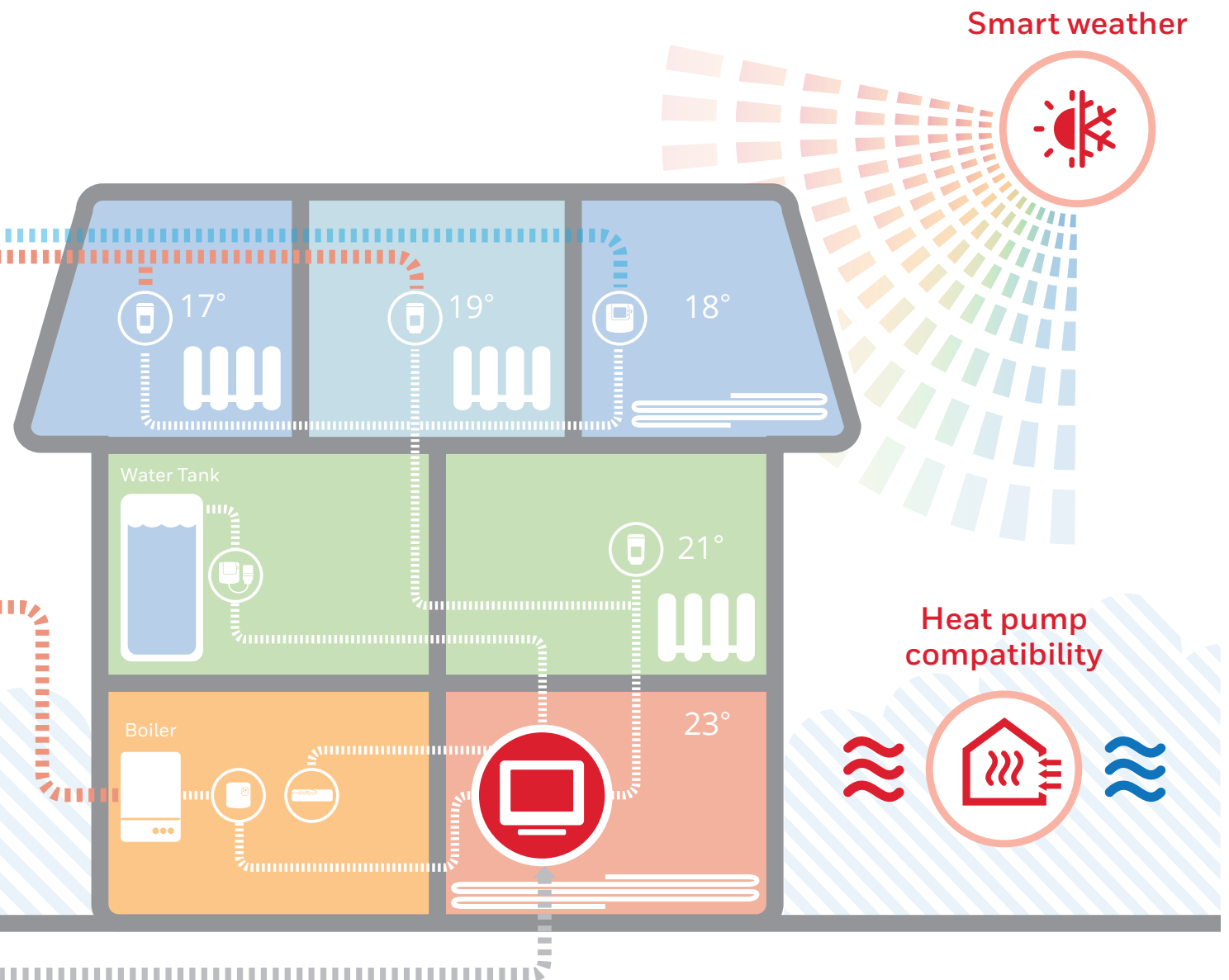


## Mobile control



## HEAT PUMP COMPATIBILITY

Now including heat pump compatibility, evohome is suitable for almost every domestic household and application, from boilers to district heating and even pellet burners.



### ADVANCED LOAD SCALING

evohome automatically learns each zone's heat capacity to better control the boiler's output. It will limit inefficient high return temperatures and keep the boiler at its lowest possible rate.



### SMART WEATHER

Improved zone comfort control and energy consumption, based on outside temperature, room temperature and setpoint. It is smarter than weather compensation and will create the best possible comfort zone.



### HEAT AND COOL TEMPERATURE CONTROL

Your customers can easily switch between heating and cooling mode, so they can control each zone individually for their maximum comfort. This will keep them comfortably warm in the winter and cool in the summer.

# Suitable for a wide range of domestic applications

## EVOHOME DISPLAY



The display is the brain of your evohome system, allowing you to install and control up to 12 zones. It features:

- Full-colour wireless touch-screen
- Easy-to-follow guided installation
- Table-top or wall mount options

## RADIATOR CONTROLLERS



HR92

HR91

Wirelessly measure and control the temperature in each room, with controllers featuring:

- Continuous 2-way communication with the evohome display
- Easy installation
- Open window feature that shuts off the radiator when room temperature drops
- Frost protection setting
- HR92 or HR91 options available, with or without local temperature control

## UNDERFLOOR HEATING



HCE80



MT4 Actuators



HRA80

Control the underfloor heating and cooling for standard 5 temperature zones individually, extending to 8 zones with the underfloor controller, featuring:

- Continuous 2-way communication with the evohome display
- Suitability for heating and cooling
- Up to 8 zones and 3 thermal actuators per zone
- Integrated pump control

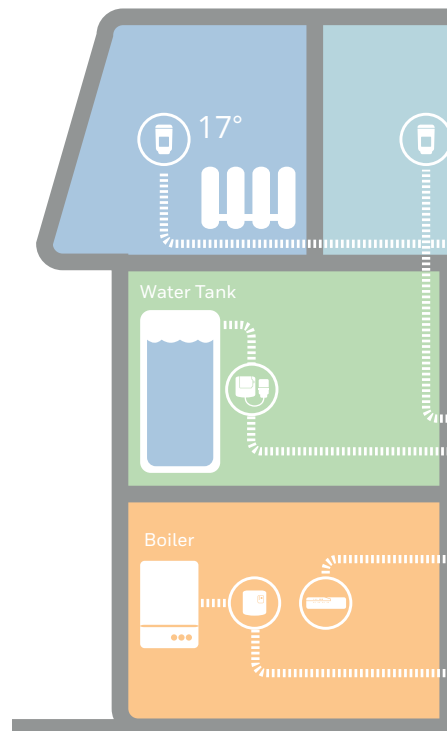
## ROOM THERMOSTAT



DTS92



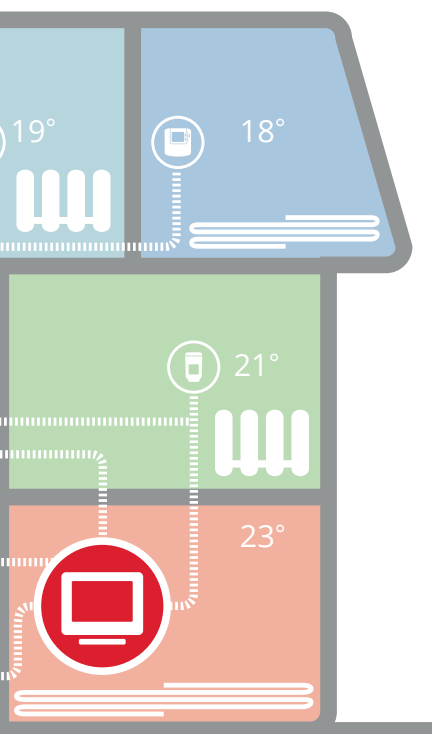
T87RF



Every hydronic heating system is different. evohome is universally applicable, which means it can adapt to your customers' needs, both in use and in installation.

From luxury apartments and family homes to multiple occupancy apartments, it's even great for light commercial spaces such as doctors' surgeries and small offices too.

Radiators, on/off or an OpenTherm modulating boiler? Underfloor heating, district heating or heat pump? **Just install evohome.**



The DTS92 and T87RF wirelessly measure the room temperature and provide an easy control point in combination with underfloor heating, or when multiple radiators are used in one zone. featuring:

- Continuous 2-way communication with the evohome display
- Free-standing (DTS92) and wall mounted (T87RF)
- Easy-to-read backlit display

## STORED HOT WATER



ATF500DHW

A wireless cylinder thermostat on the hot water cylinder means you can control hot water through the evohome display, featuring:

- Continuous 2-way communication with the evohome display
- Suitability for both vented and unvented hot water cylinders
- An external wireless cylinder thermostat for the hot water cylinder

## APPLIANCE CONTROL



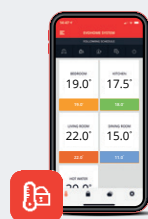
R8810A

BDR91T

The R8810A and BDR91T wireless modules control the appliance when there is a heat or cool demand from an individual zone, and are compatible with a wide range of heat and cool sources:

- On/off boiler or zone valve
- Modulating OpenTherm boiler
- Heat pump
- District heating
- Pellet burners

## SMART CONTROL



Customer control, however and wherever they want it. evohome can be controlled:

- Locally in the room
- Centrally on the display
- Remotely through the app
- By voice assistant (e.g. Alexa speaker)

# Even more comfort and less consumption when hydronic balancing meets evohome

Slow or cold radiators, system noise, high heating bills and costly servicing are the consequences of an unbalanced heating system. Hydronic balancing is how these consequences can be avoided, and with evohome it's an excellent combination.

By optimizing water distribution throughout the heating system, hydronic balancing increases overall comfort and the speed at which radiators warm up again after cooling.



**More comfort** through optimal heat distribution across all radiators and rooms



**Reduced energy costs** as all components work more efficiently

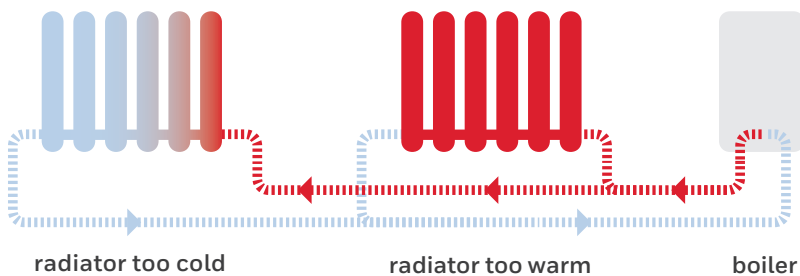


**A permanently balanced system** means radiators and pipes no longer 'whistle' and 'hiss'



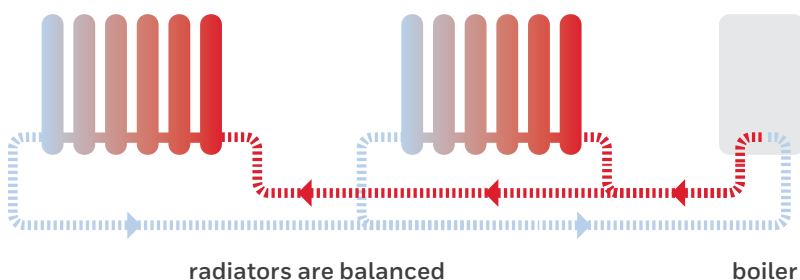
**Easy installation** and simple automatic hydronic balancing as it fits in place of conventional TRVs

## Poorly balanced central heating installation:



High fuel consumption possible in cold rooms.

## Tuned central heating installation



Low fuel consumption, high comfort.



# Training

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

- Dedicated commercial and technical product training for your sales personnel and installation professionals
- Locally based installer technical support
- e-learning tools
- Installers' apps that send the necessary information directly to your tablet or smartphone
- Detailed handover information, including easy user guides for your customers when they start using their new evohome system
- Support for your customers:
  - Easy user guides
  - Video help
  - Handover information
  - Dedicated customer technical support

Designed and manufactured in Europe by Resideo, with 130 years of engineering expertise, the evolved Honeywell Home evohome smart zoning system is available now.

- Manufactured in Europe by Resideo
- #1 in zoning solutions and global market leader in residential comfort
- Highly recommended in independent reviews
- Professionally installed by more than 100k installers
- Suitable for most domestic household heating and cooling applications



Product Specification	
Order Code	
ATP921R3100	<b>evohome</b> Connected Thermostat Pack: 1 x <b>evohome</b> controller, power lead, table stand and Wireless Receiver box
ATP926G3001	<b>evohome</b> Essentials Pack: 1 x <b>evohome</b> Controller and Table Stand; 1 x Wireless Boiler Relay; 6 x HR91 Radiator Controllers
ATF500DHW	<b>evohome</b> Hot Water Kit:  Wireless cylinder thermostat, transceiver, vented and unvented cylinder insertion sensor and a Wireless Receiver box for control of the hot water zone valve
HR924UK	The <b>evohome</b> Radiator Multi-Zone Kit: 4 wireless thermostatic radiator controllers
HR92UK	1 x Radiator Controller
HR91	1 x HR91 Radiator controller
HR914	4 x HR91 Radiator controller
BDR91T1004	Wireless Relay
DTS92E1020	Digital Room Thermostat
T87RF2024	Single Zone Room Thermostat
ATC928G3000	1 x <b>evohome</b> controller (table stand not included)
R8810A1018	OpenTherm Bridge

Accessories	
Order Code	
ATF800	<b>evohome</b> Wi-Fi desk stand
ATF600	<b>evohome</b> Wi-Fi wall mounting pack
ATF700	<b>evohome</b> Wi-Fi grey, graphite & black optional front covers
HCC80R	Underfloor heating controller
VHL120	Valve body kit for radiator
EVA1	Adaptor to fit Danfoss valve body (supplied as standard with HR92UK)
AOV30	Adaptor to fit Oventrop valve body ACH28
HCF82	Adaptor to fit Herz valve body
HCW82	Remote room temperature sensor
AVS90	HR92 vandal protection
APS90	HR92 power supply PCB
AFA90	Pack of 3 chromed caps for HR92
MT4-230-NC	Standard Actuator



# Helping you find your comfort zone

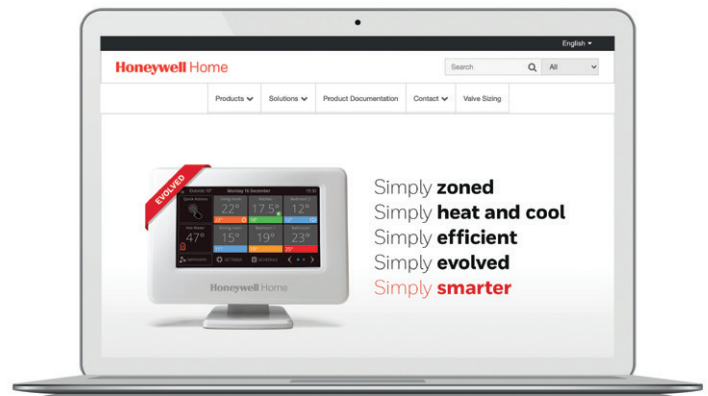
evohome is simple to install and easy to maintain.

As an evohome installer, you are never alone.

We offer end-to-end support wherever it's needed, from helpful hints and tips to full courses.

Update your skills and join the smart revolution with evohome:

[www.resideoinstallertoolbox.com](http://www.resideoinstallertoolbox.com)



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**Honeywell Home**