Honeywell Home

evohome smart multi-zoning system

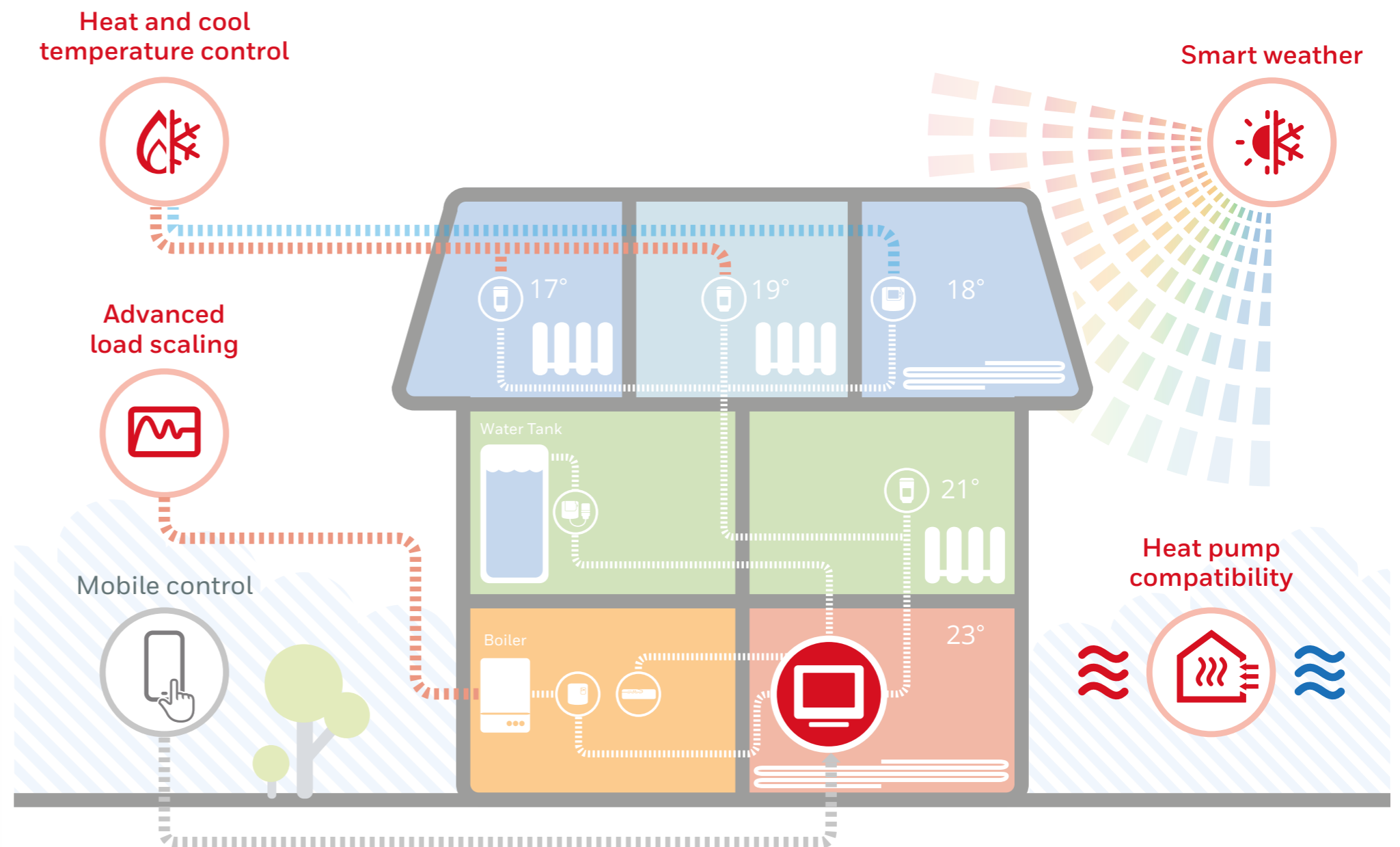# evohome smart multi-zoning system

evohome 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.

Heat and cool temperature control

Advanced load scaling

Mobile control

Smart weather

Heat pump compatibility

Water Tank

Boiler

17° 19° 18° 21° 23°

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 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

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**.

To guide you through the process of configuring tailor-made heating solutions for your customers, we've designed the evohome system builder: Visit **evohome.resideo.com**

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
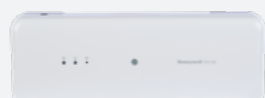
• Table-top or wall mount options

RADIATOR CONTROLLERS

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

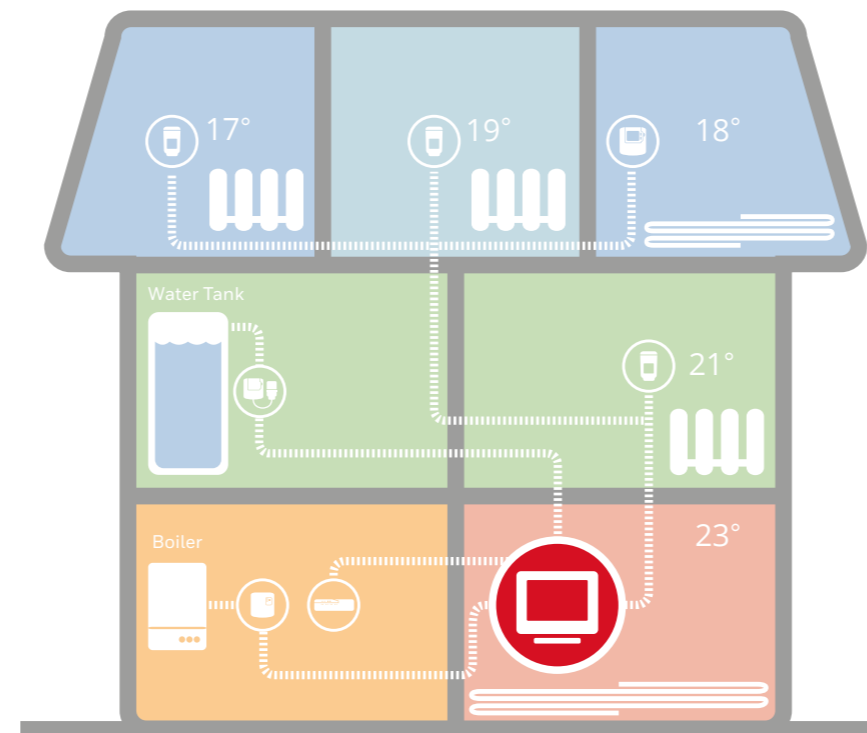• HR92 or HR91 options available, with or without local temperature control

HR92   HR91

UNDERFLOOR HEATING

Control underfloor heating and cooling for up to 8 zones with the HCC100 underfloor multi-zone controller, featuring:

• Continuous 2-way communication with the evohome display

• 20 selectable outputs for controlling thermal actuators

• Up to 8 individually controlled temperature zones with Honeywell Home thermostats, up to 6 of which can be wired

• Integrated 230V pump relay

HCC100

MT4 Actuators

ROOM THERMOSTAT

The DT4 Room Thermostat wirelessly measures the room temperature and provides 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

• Built in eco-mode to reduce room temperature for a set time period

• Easy-to-read, energy-efficient LED-based display that turns off when the screen is not in use

DT4

STORED HOT WATER

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

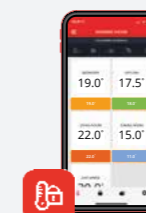• An external wireless cylinder thermostat for the hot water cylinder

ATF500DHW

APPLIANCE CONTROL

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

R8810A   BDR91T

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)

WORKS WITH **alexa**   works with the **Google Assistant**   Works with **IFTTT**

Water Tank

17°   19°   18°

21°

Boiler   23°

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
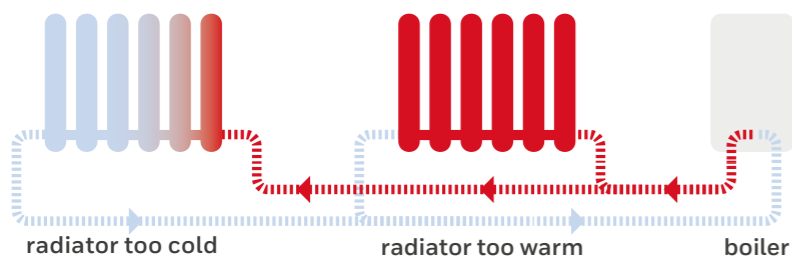
TRV BALANCING APP

Use the Honeywell Home TRV balancing app to work out the pre-set value rather than calculate the pre-set manually.
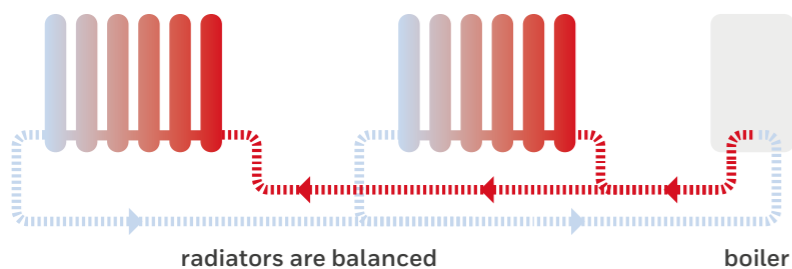
Simply...
1. **Select the valve type**
2. **Select the radiator model**
3. **Enter the inlet, outlet & radiator dimensions**
4. **And check the result!**
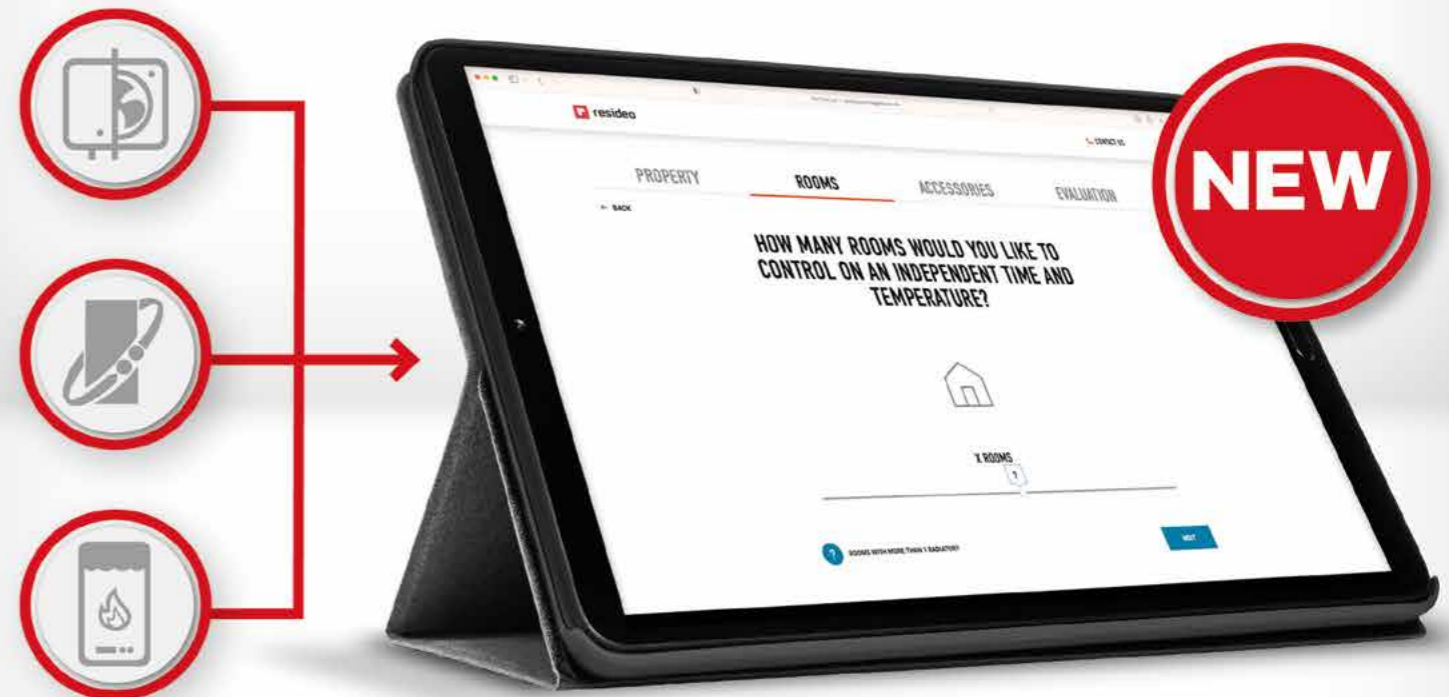
Poorly balanced central heating installation:

radiator too cold   radiator too warm   boiler

High fuel consumption possible in cold rooms.

Tuned central heating installation

radiators are balanced   boiler

Low fuel consumption, high comfort.

EVOHOME SYSTEM BUILDER

NEW

HOW MANY ROOMS WOULD YOU LIKE TO CONTROL ON AN INDEPENDENT TIME AND TEMPERATURE?

Configure tailor-made heating solutions effortlessly

Find out more, visit
evohome.resideo.com

Product Specification	
Order Code	
ATP921R3100	**evohome** Connected Thermostat Pack: 1 x **evohome** controller, power lead, table stand and Wireless Receiver box
ATP926G3001	**evohome** Essentials Pack: 1 x **evohome** Controller and Table Stand; 1 x Wireless Boiler Relay; 6 x HR91 Radiator Controllers
ATF500DHW	**evohome** Hot Water Kit:
ATP951M3118	**evohome** Connected Thermostat Pack OpenTherm: 1 x evohome controller, power lead, table stand and Opentherm bridge
HR924UK	The **evohome** 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
BDR91T	Wireless Relay
DTS42WRFST20	DT4R Room Thermostat Wireless (Spare) White
DTS42BRFST22	DT4R Room Thermostat Wireless (Spare) Black
DTS42GRFST21	DT4R Room Thermostat Wireless (Spare) Grey
YT43MRFWT30	DT4R Room Thermostat Wireless Modulation (White)
Y T43MRFBT32	DT4R Room Thermostat Wireless Modulation (Black)
YT43MRFGT31	DT4R Room Thermostat Wireless Modulation (Grey)
ATC928G3000	1 x **evohome** controller (table stand not included)
R8810A1018	OpenTherm Bridge

Accessories	
Order Code	
ATF800	**evohome** Wi-Fi desk stand
ATF600	**evohome** Wi-Fi wall mounting pack
ATF700	**evohome** Wi-Fi grey; graphite & black optional front covers
HCC100	Underfloor multi-zone controller
VHL120	Valve body kit for radiator
EVA1	Adaptor to fit Danfoss valve body (supplied as standard with HR92UK)
HCF82	Remote room temperature sensor
HCW82	Remote room temperature sensor
AVS90	HR92 vandal protection
AFA90	Pack of 3 chromed caps for HR92
MT4-230-NC	Thermal Actuator
M100-BG	Thermal Actuator

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resideo academy

The right training for the right job, delivered the right way.

Resideo Academy supports heating, plumbing and security professionals with training from our industry and product experts, enabling you to develop the skills you need to be successful.

Resideo Academy App

Scan the QR code to download the Resideo Academy app or visit our website **resideo.com/academyUK**

Notes

Notes

5 YEAR WARRANTY*

★★★★★

SIMPLY RELIABLE

The terms of the Resideo 5 Year Warranty Policy apply, visit resideo.com/warranty

For more information

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UK_09/2023

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