

take **control**

**10 reasons** why you should replace your old heating

# controls

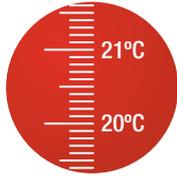


**Honeywell**

Do you have an **old mechanical room thermostat?**  
How can you be sure it's giving you the control you need to  
**keep your home comfortable and energy efficient?**



# Here are **10 reasons** why you should replace outdated controls



# 1

## **Digital thermostats give greater accuracy**

Whereas mechanical room thermostats are often slower to react to temperature changes, causing the boiler to fire for longer than necessary, modern digital thermostats, such as Honeywell's DT90E and DT92E, use an accurate electronic sensor (called a thermistor) to measure exact temperature. You can set these modern thermostats in half degree increments for greater control.



# 2

## **Moving parts are part of the problem**

Mechanical heating controls have moving parts that are prone to wear and tear over time. Dust gets into the thermostat case, damaging the calibration of the mechanism, causing inaccuracies and inefficiencies. Ultimately, this wear and tear can increase energy bills. Digital controls don't have moving parts – measurement remains stable and accurate throughout the life of the product.



# 3

## **The perfect combination**

Programmable digital thermostats, such as Honeywell's CM900 range, provide combined time and temperature control. This type of thermostat lets you set the times you want the heating to be on, as well as the temperature it should reach while it's on giving you more more than one temperature measurement across the day. Furthermore, old thermostats only let you set one heat level during the day and night.





# 4

### Save money, save the planet

Making sure you have a full set of modern controls is one of the easiest ways to save money. A 2013 study estimated savings of £409 a year could be made simply by fitting a room thermostat and thermostatic radiator valves (TRVs).\*

The full range of Honeywell digital thermostats and TRVs can be found at:

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



# 5

### Old controls are ugly!

If you're re-designing a room, let's face it; the ancient thermostat with the worn dial that's sticking out of your wall will have to go. Modern digital controls are unobtrusive – many are even portable. They're easy on the eye and designed to blend seamlessly into a room's décor. The DT92E wireless thermostat even comes with its own portable stand.



# 6

### Mechanical thermostats only do one thing

They switch an electrical current when the measured temperature has fallen below a specified value so there is a call for heat to the boiler. That's it! Digital thermostats, however, store data electronically and will also show the actual ambient room temperature at any given time – giving you more information.



# 7

### Digital clarity

Over time, the figures or markings on mechanical dial thermostats can become worn by touch (or obscured by specks of paint). On the other hand, if the digital display on the Honeywell DT90E or DT92E disappears, it simply means you need to replace the batteries, which is easy to do. And you'll be given plenty of advance warning if the batteries are running low.

\*Source TACMA figures 2013





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### **Maximum comfort, minimum energy consumption**

TPI (Time Proportional and Integral) control is a feature available in modern room thermostats, such as the DT90E or DT92E, that makes sure the boiler fires for the shortest possible time to maintain your desired comfort levels. Mechanical controls do not have this in-built intelligence.



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### **You'll be ECONomically better off**

Honeywell produces a range of digital thermostats with handy time and energy-saving functions. The DT90E and DT92E have a big green ECO button which, once pressed, will set the heating to a lower level for a programmed number of hours, so you'll reduce energy consumption when the house is unoccupied for short periods.



### **Don't forget frost protection**

If you turn the central heating off in winter – maybe you're going away for Christmas – your property can be vulnerable to low outside temperatures. Many digital thermostats have an OFF button which, when pressed, maintains a 5°C frost protection level. This function is not available on old mechanical controls.

## **Honeywell**

For more information about Honeywell heating controls visit:

**[www.fitathermostat.com](http://www.fitathermostat.com)** and **[www.honeywelluk.com](http://www.honeywelluk.com)**





Sundial RF<sup>2</sup> Pack 3

The easiest way to add new modern heating controls is to install **Sundial RF<sup>2</sup>**

**There's a pack for every situation**

Pre-bound boxed sets of wireless controls for a range of installations:

pack **1** Ideal for adding a **room thermostat** to a combi boiler or an individual heating zone

pack **2** Ideal for adding a **room thermostat** to a traditional heating system

pack **3** Ideal for adding a **room thermostat** and a **cylinder thermostat** to a traditional system

pack **4** Ideal for adding a **hot water timer** and **cylinder thermostat** to new and existing Sundial systems, or upgrading a gravity hot water system

pack **5** Ideal for providing **2 heating zones**

For more information and to 'Find an Installer' visit: [www.honeywelluk.com](http://www.honeywelluk.com)

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