

Controlling different rooms at different temperatures a message for homeowners

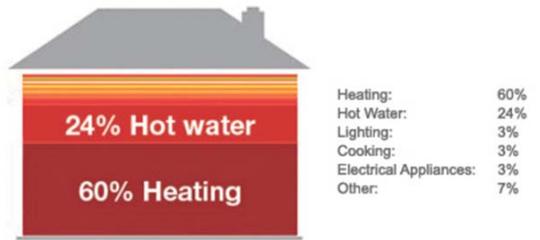


Did you know that heating and hot water account for 84%* of household energy consumption?

Honeywell heating controls are designed to heat homes more efficiently and can reduce household energy bills by up to £10 a month.**

That's £30 a quarter or £120 a year! Whichever way you look at it, the benefits of Honeywell heating controls all add up.

TYPICAL HOME ENERGY CONSUMPTION



Thermostatic Radiator Valves (TRVs) and Lockshield Valves a quick explanation

TRVs are fitted to radiators and are used to control the temperature within the room. They do this by sensing the air temperature around them and regulating (controlling) the flow of water through the radiator, opening to allow more hot water through and closing when less heat is required.

When used properly, they will significantly reduce the energy used by your heating system, by limiting the temperatures within each room and preventing overheating of the room.



closed	6°C	8°C	12°C	16°C	20°C	23°C	26°C
0	❄️	1	2	3	●	5	6
	Frost Position				Normal Setting		

The best functioning TRVs also have a 'frost' setting which is room is no longer in frequent use, such as a spare room or conservatory, to maximise energy savings whilst helping protect the fabric and pipework from freezing.

TRVs do not, however, provide direct control of the boiler (an interlock) so are only able to deliver heat through a radiator if the boiler is running.

Importantly, to work properly, TRVs need a free flow of air around them, to sense the temperature, so they must not be covered by curtains, blocked by furniture or fitted within cabinets – there are versions of TRV heads with remote sensing and control which should be used in these situations.

It is recommended that TRVs should be fitted on all radiators except in rooms with a room thermostat. If a room contained both and the TRV was set lower than the room thermostat, the room thermostat would keep the boiler running unnecessarily because the room thermostat would be trying to heat the room up and the TRV would be preventing this from happening.

Lockshield Valves are used by the Installer to balance the heating system. *Correct balancing is important to ensure that the hot water is distributed correctly and efficiently around your heating system.* Once set, they should not be altered, otherwise the system could become less efficient and some radiators may not get hot enough.

TRVs and Lockshield Valves can also be used to turn off the water supply to radiators for access when decorating or when replacing (upgrading) old radiators. However, it is recommended that this should be carried out by a qualified installer because specialist water treatment chemicals are used and the system will need these added after the work has been done.

Old TRVs have you thought about upgrading them to more efficient and better looking ones ?

It is often overlooked that many TRVs have been installed for years and years. They continue to work but you may find that, after a number of years, they will not be as efficient as when they were first installed. Also, newer designs and technologies allow faster response times to changing temperatures which will further improve the energy efficiency of your heating system.

Upgrading your TRV heads can often mean simply removing the old TRV head and fitting a new high efficiency TRV head; a simple task which often doesn't require any modifications to the heating system.



Want more information?

Please visit www.honeywelluk.com where you will find a range of products which should appeal to you, as well as a 'Find an Installer' facility to help you find Honeywell Installer Network members near to you, to install Honeywell heating controls.