

Affordable Warmth:
How to use your central heating effectively

Thermostatic Radiator Valves (TRVs)



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A properly controlled heating system should typically have **Thermostatic Radiator Valves (TRVs)**



TRVs monitor the air temperature around them and regulate the flow of hot water entering the radiators to keep a set temperature in a room. They allow you to set lower temperatures in some rooms than in others, and to turn off the heating in rooms that aren't used.

Key tips

- Try not to use radiator covers as this covers the TRVs and is likely to make the TRV think that the room temperature is higher than it actually is, because the heat becomes trapped between the radiator and the cover.
- TRVs cannot turn the heating system on or off, this is done by the room thermostat and the timer or programmer.
- TRVs should be set at a level that gives you the room temperature you want. These settings may have to be different in each room. For example if you spend most of your time in the living room set your TRV at a higher number. If your spare bedroom is rarely used you may want to set it at a lower level.

- A TRV should not be fitted on a radiator which is in the same room as the main heating thermostat as this can lead to inefficient overall house temperature control.
- Fitting TRVs to existing radiators are cheap and easy to do. It is always recommended that an experienced plumber carries out the installation work. You can buy TRVs from many DIY shops as well as from plumbing centres and even online. The cost of buying a TRV can range from around £15 up to £45.



Examples of what thermostatic radiator valves may look like in your home. The TRV number shows the amount of heat flowing into the radiator, 1 is low, 5 is high.

Note: TRV shows setting at number 5, it has a clear background



This is where the TRV is connected to the radiator and where hot water flows into the radiator itself.



Note: TRV set at level 2, with a green background which indicates a lower setting, the lower the setting the cooler the radiator will be.



Note: TRV set at level 3, with a red background which indicates a higher setting, the higher the setting the hotter the radiator will be.



Note: not all TRVs use a green/red indicator to show low and high temperature, some have a clear background



More information

For For more information please call **Kirklees Direct** on **01484 414888**. For general advice on domestic energy efficiency please call the **Energy Saving Trust** advice line on **0300 123 1234** see **www.energysavingtrust.org.uk**



Information in other formats

Kirklees Council are committed to ensuring that our communication is clear, plain and available for everyone. This information can be made available in languages other than English. It can also be made available in large print, audio CD and Braille. Full details are available by telephoning 01484 414933.

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આ માહિતી અંગ્રેજી સિવાયની બીજી ભાષાઓમાં, મોટી છપાઇમાં, ઓડિઓ સી.ડી., ઓડિઓ ટેપ અને બ્રેઇલમાં ઉપલબ્ધ કરી શકાય છે. મહેરબાની કરી 01484 414933 નંબર પર ટેલિફોન કરો. (Gujarati)

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这些资料备有其它语文、大字体、语音光碟、录音带和凸字版本可供索取。请致电 01484 414933 查询详情。(Chinese)

Te informacje można nabyć w różnych językach, w powiększonym druku, na płycie kompaktowej lub na taśmie i Braille. Proszę telefonować na numer 01484 414933. (Polish)