



Honeywell

VT15

Standard Radiator Thermostat

Installation and User Instruction

1. Additional Information

What is a thermostatic radiator valve (TRV)? ..an explanation for householders



TRVs sense the air temperature around them and regulate the flow of water through the radiator which they are fitted to. They do not control the boiler.

They should be set at a level that gives you the room temperature you want. These settings may have to be different in each room, and you should set the TRVs to suit each room and then leave them to do their job.

Turning a TRV to a higher setting will not make the room heat up any faster. How quickly the room heats up depends on the boiler size and setting, and the radiator size. Turning a TRV to a lower setting will result in the room being controlled at a lower temperature, and saves energy.

TRVs need a free flow of air to sense the temperature, so they must not be covered by curtains or blocked by furniture.

TRVs cannot turn off the boiler when the whole house is warm. To do that, you will need a room thermostat as well. The radiator in the room with the room thermostat should not normally have a TRV, but, if it does, keep TRV on the maximum setting and adjust the room thermostat as explained with the instructions.

2. Notes and Safety instructions

Whilst Honeywell takes all reasonable practical steps to design and manufacture its products to comply with the requirements of the Health and Safety at Work Act 1974 all products must be properly used and purchasers are reminded that their obligations under the Act are to ensure that the installation and operation of such products at a place of work should be safe and without risk to health.

Honeywell reserves the right at any time and without notice to change any product or any information contained in this publication

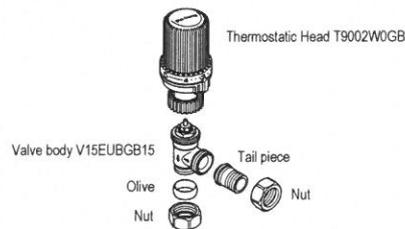
This product complies with BS6284 Part 2 and EN215.

3. Functional Description

The VT15 Standard Radiator Thermostat will control the air temperature of the room in which they are situated from a range of 6°C to 26°C. You can choose the temperature that exactly suits your needs. Different rooms can be controlled at on their use. For example, the bathroom can be warmer or cooler than other rooms where the VT15 is installed and so on. The VT15 will also save you money by sing off, when other sources of heat are warming the room. Such sources of heat are televisions, sunshine and even people.

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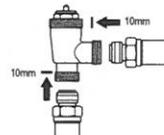
4. Component parts



5. Fitting Valve Connections

Copper Connections

1. Cut copper tube to an entry depth of 10mm.

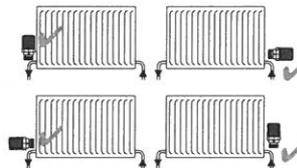


Radiator Connections

1. Screw 1/2" tailpiece into the tapping on radiator.

6. Location

The thermostat can be fitted in any orientation with the flow through the body in either direction.



7. Head to body

1. Turn head to open position (No. 5).
2. Position head so indicator is facing user.
3. Screw on head, ensuring Thermostatic head is located fully over large hexagonal nut.



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7. Adjustment / Setting

The VT15 is adjusted by turning the top anticlockwise to increase the temperature setting or clockwise to decrease the temperature setting.

closed	6°C	10°C	15°C	20°C	23°C	26°C
0	☼	1	2	3	4	5
	Frost Position			Normal Setting		

These temperatures are for guidance only and are based on vertical mounting on the flow pipe. If the radiator thermostat is installed in any other direction then the temperature will vary by 1°C to 2°C.

NOTE: Heating can freeze when thermostats with zero position are set at position „0“.

9. Using the “Memory Clip“

Remove “Memory Clip” and fit into required setting Position



10. Temperature limiting

To set the upper limit:

Set to the required value and insert the right hand stop bar with the “Memory Clip”



To set the lower limit:

Set to the required value and insert the left hand stop bar with the “Memory Clip”



11. Temperature locking

Set to the required value and insert the right and left hand stop bars with the “Memory Clip”



12. Removal of temperature limits and locking

Remove stop bars with the “Memory Clip”



13. Specification

Maximum flow temperature 130°C (266°F)
Maximum working pressure 10 Bar (150psi)

To ensure that the valve will thermostatically close the differential pressure must not exceed 1.0 bar.

Maximum differential pressure to ensure reliable and quiet operation is 0.2 bar.

Hysteresis <1.0k
Heat conduction 0.6k
Change in differential pressure 0.4k
Closing time 20 mins
Keymark Approved EN215

14. Servicing

Use the VA8200A001 tool for cleaning or replacement of the valve seating without draining the system.



15. Radiator Removal

If it is necessary to remove the radiator for decorating or other reasons, ensure that the thermostatic head is positioned at the “0” position. However, if the temperature in the room falls below 6°C, the thermostat will open. If there is any possibility that the temperature in the room will fall below 6°C, then the decorators cap supplied with the valve should be used to isolate the flow.

16. Check list

- Consider the use of an automatic by-pass valve (e.g. Honeywell DU145) to ensure the specification is adhered to.
- Check all connections for securing and leaks.
- Use clean pipework, free from swarf.
- Don't allow heat from blow torch onto body.
- Don't install the valve in a position which is subject to draughts, sun radiation or behind curtains.
- Don't overtighten the head/body connection, as the insulating sleeve may become damaged.

NOTE: Ensure that the foam insert located in the thermostatic head is in place in the head before the head is attached to the valve body.

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