



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 the 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 BS 6284 Part 2 and EN215. Its made in Germany.

3. Specification

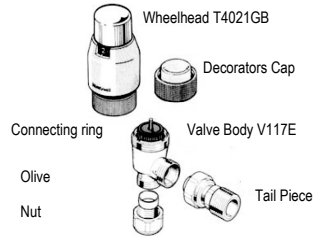
Maximum working pressure 10 bar (140 psi)

Closing time 20 minutes

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

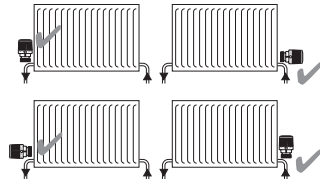
Maximum differential pressure to ensure reliable and quiet operation is 0.2 bar.

4. Component parts



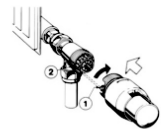
5. Location

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



6. Head to body

1. Position head so indicator is facing user.
2. Screw on head, ensuring lugs (1) and slots (2) engage as collar is tightened.



7. Adjustment / Setting

The VT200E is adjustable by turning the top anti-clockwise to increase temperature setting or clockwise to decrease temperature setting.

6°C	8°C	12°C	16°C	20°C	23°C	26°C
*	1	2	3	4	5	6

Frost Position	Normal Setting
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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“.

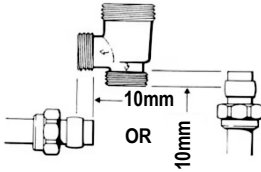
8. Decorators Cap

When removing the radiator for any reason the Decorators Cap supplied with the valve should be used to isolate the flow.

9. Fitting Valve Connections

Copper Connections

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



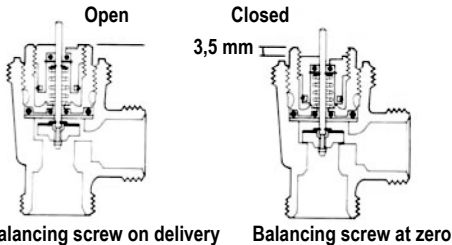
Radiator Connections

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

10. Balancing

The VT200E should be used to balance the radiator by adjusting the internal balancing screw which is in the fully open position when delivered.

Two complete revolutions of the balancing screw will adjust the seat to the fully closed position.

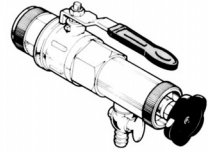


The internal balancing screw is numbered to assist balancing which is carried out with a small screwdriver inserted into the slot on the top of the balancing screw.



11. Servicing

Use the WV108M tool for cleaning or replacement of the valve seating without draining the system,



12. 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.

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