



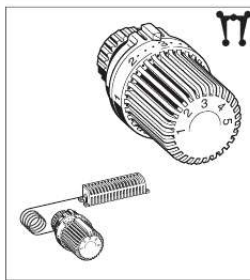
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You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL T9000. You'll find the answers to all your questions on the HONEYWELL T9000 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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Honeywell

T9000 Series **Thera-2** RADIATOR THERMOSTATS



Design

The radiator thermostat consists of:

- Handwheel with socket
- Honeywell HW M30 x 1.5 connection and 11.5 mm closing dimension or Danfoss snapping RA type connection
- Sensor with support cage
- Spindle assembly
- Connection nut

Materials

- Handwheel, lid and socket made of plastic, white to RAL9016
- Socket, support cage and spindle assembly made of plastic
- Sensor filled with liquid or wax
- Connection nut made of nickel-plated brass

Application

A Radiator Thermostat is installed onto a Thermostatic Radiator Valve Body (TRV body). The combination of both, the Thermostatic Radiator Valve (TRV), controls the room temperature by adjusting the flow of hot water through a radiator. TRVs are installed in water-based heating systems on the supply or, less commonly on the return connection of radiators.

Radiator thermostats of this type fulfill the European Standard EN 215 when used with certified Honeywell TRV bodies.

Honeywell radiator thermostats with Honeywell (HW) M30 x 1.5 connection are suitable for all TRV body and radiator inserts with M30 x 1.5 connection and 11.5 mm closing dimension.

Radiator Thermostats of this type with snapping (DA) type connection are suitable for TRV bodies and valve inserts with Danfoss (RA) type compatible snap connection.

Features

- Conforms with M30 x 1.5 connection to European standard EN 215
- Available with liquid- or wax sensor
- Equipped with easy to use range stoppers
- Modern ergonomical design

Specifications

Thermostat connection	M30 x 1.5	HW type or DA type	
Setpoint range	0 - 8 - 1.5	(with zero-position) 8 - 1.5 (without zero-position)	
Temperature range	1...26°C (34...79°F)	(with zero-position) 8...28°C (43...82°F)	(without zero-position)
Closing dimension	11.5 mm	HW type	

NOTE: Zero-position is also thermostatically controlled - when temperature falls the TRV may open.

Function

Radiator thermostats of this type control the TRV body. The air passing around the sensor of the radiator thermostat causes the sensor to expand when the temperature rises. The expanding sensor closes the TRV accordingly. When the room temperature changes the TRV opens or closes proportionally. Only the amount of water required to maintain the room temperature set on the radiator thermostat is allowed to flow through the valve.

Honeywell • Subject to change

EN04-20030825 R0108



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Manual abstract:

TRVs are installed in water-based heating systems on the supply or, less commonly on the return connection of radiators. T9000 Series Thera-2 34 12 Radiator thermostats of this type fulfill the European Standard EN 215 when used with certified Honeywell TRV bodies. Honeywell radiator thermostats with Honeywell (HW) M30 x 1.5 connection are suitable for all TRV body and radiator inserts with M30 x 1.5 connection and 11.5 mm closing dimension. Radiator Thermostats of this type with snapping (DA) type connection are suitable for TRV bodies and valve inserts with Danfoss (RA) type compatible snap connection. 5 Features 34 · Conforms with M30 x 1.5 connection to European standard EN 215 · Available with liquid- or wax sensor · Equipped with easy to use range stoppers · Modern ergonomical design 12 5 Design The radiator thermostat consists of: · Handwheel with socket · Honeywell HW M30 x 1.5 connection and 11.

5 mm closing dimension or Danfoss snapping RA type connection · Sensor with support cage · Spindle assembly · Connection nut Specifications Thermostat connection Setpoint range M30 x 1.5 Snap connection 0 - - 1..5 - 1..

5 HW type or DA type (with zero-position) (without zero-position) Temperature range 1...26°C (34.. .79°F)(with zero-position) 6...28°C (43...82°F)(without zero-position) Closing dimension 11.5 mm NOTE: HW type Materials · Handwheel, lid and socket made of plastic, white to RAL9016 · Socket, support cage and spindle assembly made of plastic · Sensor filled with liquid or wax · Connection nut made of nickel-plated brass Zero-position is also thermostatically controlled when temperature falls the TRV may open. Function Radiator thermostats of this type control the TRV body.

The air passing around the sensor of the radiator thermostat causes the sensor to expand when the temperature rises. The expanding sensor closes the TRV accordingly. When the room temperature changes the TRV opens or closes proportionally. @@1. Thera-2 with internal sensor Table 1. Dimensions Type

Thera-2 (Fig. 1.) Thera 2 DA (Fig. 1.) Thera-2 with remote sensor (Fig.

2.) NOTE: H closed 82.5 90.0 82.5 H open 88.

5 96.0 88.5 Fig. 2. @@Table 2.

@@Table 3. @@setpoint temperature Max. @@@@ Heating can freeze when radiator thermostats with zero-position are set at position '0'. Zero-position is also thermostatically controlled - when temperature falls the TRV may open. Installation Examples Fig. 3. Correct and false installation positions for radiator thermostats with internal sensor Fig. 4. Thera-2 with remote sensor Honeywell Subject to change 3 EN0H-2003GE25 R0109 T9000 SERIES THERA-2 Accessories Theft-protection ring, white (RAL9016) TA6900A001 Torx-Screwdriver for theft-protection ring TA6900B001 Decoring for connection nut white (RAL9016) 10 pair, 20 pieces white (RAL9016) 1 pair, 2 pieces chrome 10 pair, 20 pieces chrome 1 pair, 2 pieces Adapter HZ-Adapter from M28 x 1.5 with 9.

5 mm closing dimension to M30 x 1.5 with 11.5 mm closing dimension TA1010HZ01 TA1000A001 TA1000A011 TA1000A002 TA1000A022 Environmental and Combustion Control Honeywell GmbH Hardhofweg 74821 Mosbach, Germany Phone: +49 (6261) 810 Fax: +49 (6261) 81393 www.honeywell.com EN0H-2003GE23 R0109 January 2009 © 2009 Honeywell International Inc. @@La Pièce 16, Switzerland or its authorized representative. .



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