



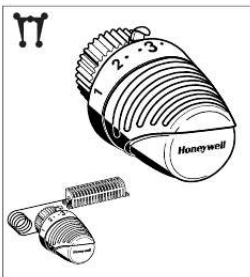
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You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL THERA-4 CLASSIC. You'll find the answers to all your questions on the HONEYWELL THERA-4 CLASSIC in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HONEYWELL THERA-4 CLASSIC
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Honeywell

T3000 Series
Thera-4 Classic
COMPACT-SIZE RADIATOR THERMOSTATS



Design

The radiator thermostat consists of:

- Handwheel with lid and socket
- Honeywell HW M30 x 1.5 connection and 11.5 mm closing dimension or Danfoss snapping RA type connection
- Sensor with support cage
- Internal or remote sensor
- Liquid- or wax sensor
- 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
- Modern ergonomical design
- Compact size
- Easy to clean
- Easy to equip with range stoppers

Specifications

Thermostat connection	M30 x 1.5	HW type or Snap connection	DA type	
Setpoint range	0 - 8 - 1.5	(with zero-position)	6 - 1.5 (without zero-position)	
Temperature range	1...28°C (34...82°F)	(with zero-position)	6...28°C (43...82°F)	(without zero-position)
Closing dimension	11.5 mm			

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 changeEN04-2000GE25 R0109



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Manual abstract:

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. T3000 Series Thera-4 Classic Features · Conforms with M30 x 1.5 connection to European standard EN 215 · Available with liquid- or wax sensor · Modern ergonomical design · Compact size · Easy to clean · Easy to equip with range stoppers Design The radiator thermostat consists of:

Handwheel with lid and socket · Honeywell HW M30 x 1.5 connection and 11.5 mm closing dimension or Danfoss snapping RA type connection · Sensor with support cage · Internal or remote sensor · Liquid- or wax sensor · 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.

..28°C (34...

82°F)(with zero-position) 6...28°C (43...82°F)(without zero-position) Closing dimension 11.5 mm NOTE: Zero-position is also thermostatically controlled when temperature falls the TRV may open. 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 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. @@@@1. @@2. @@Dimensions (mm) All dimensions in mm unless stated otherwise. Table 2. @@Table 3. @@setpoint temperature Max. @@@@@@@Radiator thermostats of this type without zeroposition ('0') Setpoint °C °F NOTE: 6 43 1 14 57 2 18 64 3 21 70 4 24 75 5 28 82 All °C and °F-values approximate. 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. @@@@La Pièce 16, Switzerland or its authorized representative.



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