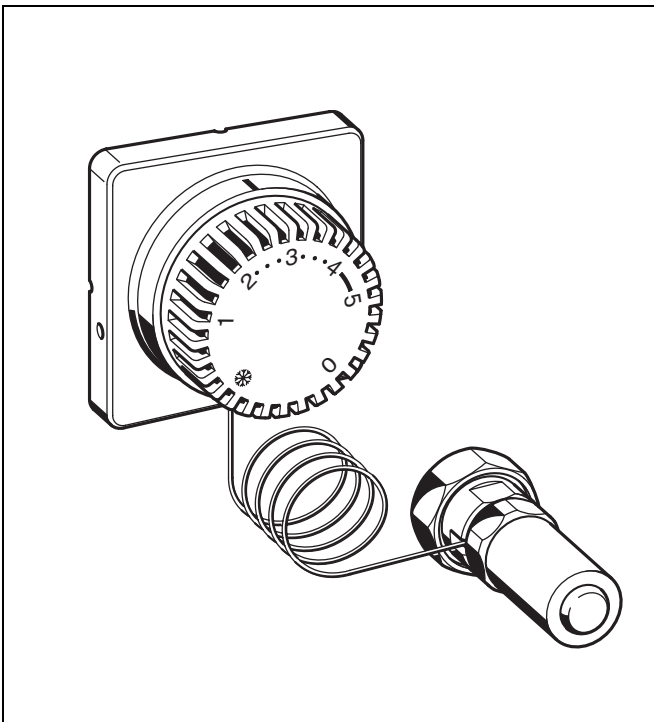


T9500

Remote Thermostat

RADIATOR THERMOSTAT WITH REMOTE SETTING

PRODUCT DATA



Design

The radiator thermostat consists of:

- Housing with base
- External sensor with capillary tube, cage, spindle assembly and union nut

Materials

- Housing, base and cage made of plastic, white RAL9010
- Connection nut made of nickel-plated brass
- Capillary tube made of nickel-plated copper

Application

The temperature of different rooms is controlled individually and energy is saved.

Remote Thermostat of this type are temperature-controlled proportional action regulator. Remote Thermostats offer a considerable economical effect in two ways: depending on usage, rooms in a flat can be tempered differently. Furthermore the Remote Thermostat detects appearing external heat, for example solar heat, heat emission from persons, devices, illumination, etc., and closes the thermostatic valve adequately.

Thermostats of this type with M30 x 1.5 connection are suitable for all Honeywell TRV bodies and radiator inserts, all Honeywell valve series M, as well as other TRV bodies and radiator inserts with M30 x 1.5 connection and 11.5 mm closing dimension.

Features

- Contains a liquid-filled sensing element with excellent control characteristic
- Large-area temperature receptivity
- Blocking, limiting and narrowing of setting range possible

Specifications

Thermostat connection	M30 x 1.5
Setpoint range	0 - * - 1..5
Temperature range	1...28°C (34...82°F)
Closing dimension	11.5 mm
Capillary tube length	2 or 5m

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

Function

Thermostats of this type control the TRV body. The medium passing around the sensor of the thermostat causes the sensor to expand when the temperature rises. The sensor acts onto the valve spindle and this causes the TRV to close. When the temperature falls the sensor contracts and the spring-loaded valve spindle is opened. The TRV opens in proportion to the temperature of the sensor. Only the amount of water required to maintain the temperature set on the thermostat can flow through the valve.

Dimensions and Ordering Information

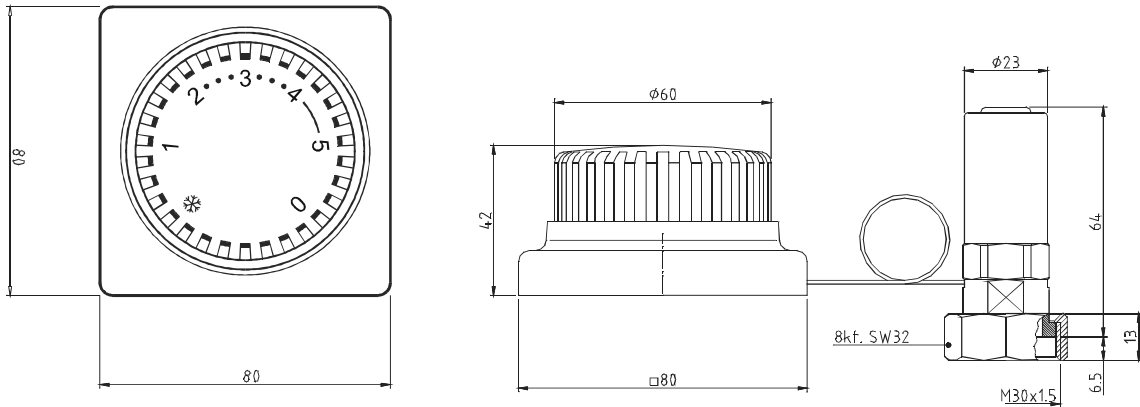


Fig. 1. Dimensions (mm)

NOTE: All dimensions in mm unless stated otherwise.

Table 1. Available versions and OS-Nos (OS=Ordering Specification)

Type	OS-No.
Remote Thermostat with zero-position and capillary tube, length 2 m	T950120W0
Remote Thermostat with zero-position and capillary tube, length 5 m	T950150W0

Setpoint

Setpoint	0	*	1	2	3	4	5
°C	1	8	10	15	20	23	28
°F	34	46	50	59	68	73	82

NOTE: All °C and °F-values approximate.

Accessories

Adapter



DA-Adapter from Danfoss TA1010DA01
snap connection RA to
M30 x 1.5

Adapter



HZ-Adapter from M28 x 1.5 TA1010HZ01
with 9.5 mm closing dimension to M30 x 1.5 with
11.5 mm closing dimension

Please Note:

- To avoid stone deposit and corrosion the composition of the medium should conform with VDI-Guideline 2035
- Additives have to be suitable for EPDM sealings
- System has to be flushed thoroughly before initial operation with all valves fully open
- Any complaints or costs resulting from non-compliance with above rules will not be accepted by Honeywell
- Please contact us if you should have any special requirements or needs

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