



## TSR06 LCD Thermostat w/optional Humidity

### Overview

The H2O Degree TSR06 LCD Thermostat is a wireless surface mounting room operating unit with LCD display, temperature sensor and optional humidity sensor for use with the H2O Degree wireless system.

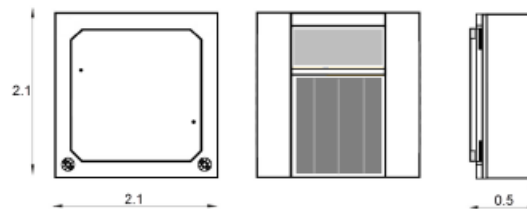
The room sensor is designed for temperature and optional humidity detection, local set point and fan speed adjustment for room control in buildings. The sensor transmits its measured values wirelessly to the corresponding receivers, which process the information respectively to the centralized control unit. The configuration is done via a serial interface.

The room sensor can be integrated into various switch designs programs of the indoor installation range. It is compatible with the following designs with 55 mm x 55 mm inserts:

- Berker: S1, B3, B7 Glass
- Gira: Standard 55, E2, Event, Esprit
- Siemens: Delta-Profil, Delita-Line, Delta Style, Delta-Miro
- Jung: A500, AS500, Aplus, Acreation
- Merten: M-Smart, M-Arc, M-Plan

### Features

- The H2O Degree TSR06 is a wireless surface mount room operating thermostat with LCD display.
- Device provides for temperature sensor and optional humidity sensor.
- Device can connect various switch design programs of the indoor installation range. It is compatible with 55mm x 55mm inserts including:
  - Berker: S1, B3, B7 Glass
  - Gira: Standard 55, E2, Event, Esprit
  - Siemens: Delta-Profil, Delta-Line, Delta-Style, Delta-Miro
  - Jung: A500, AS500, Acreation
  - Merten: M-Smart, M-Arc, M-Plan
- Available in radio room operating unit temperature and room operating temperature plus humidity.
- Available colors include pure white brilliant (standard), aluminum or anthracite
- Two year warranty.
- Dimensions:



## Ordering Information

Model	Description
TSR06LCD-2T	TSR06 LCD Thermostat-2T
TSR06LCD-5T	TSR06 LCD Thermostat-4T
TSR06LCD-RH-2T	TSR06 LCD Thermostat-2T with Humidity
TSR06LCD-RH-4T	TSR06 LCD Thermostat-4T with Humidity

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# TSR06 LCD Thermostat w/optional Humidity Technical Specifications

## Technical Specifications

Measuring values	temperature, humidity (optional)
Radio technology	EnOcean, (IEC 14543-3-10)
Frequency	902 MHz
Power supply	solar cell, energy buffer, maintenance-free optional: backup battery CR1632
Measuring range temperature	32..+104 °F
Measuring range humidity	0..100% rH non-condensing
Accuracy temperature	±0,4 K (typ. at 70 °F)
Accuracy humidity	±5% between 30..70% rH (typ. at 70 °F)
Measuring interval	WakeUp time = 100 sec. (default), heartbeat cycle = 10x configured via airConfig or SR06ConfigSW
Switch ranges Berker	B3, B7 glass, S1
Switch ranges Gira	E2, Esprit, Event, Standard55
Switch ranges Jung	A creation, A500, AS500, Aplus
Switch ranges Merten	M-Arc, M-Plan, M-Smart
Switch ranges Siemens	Delta-Profil, Delta-Line, Delta-Style, Delta-Miro
Control function	fan stages, set point, occupancy signal
No. of buttons	2T 2 4T 4
Display	LCD 1.14x0.47 in., monochromatic (optional)
Set point range	+59..+86 °F ± 50 °F
Enclosure	PC V0, pure white brilliant, aluminium or anthracite
Protection	IP20 according EN 60529
Ambient condition	32..+104 °F
Weight	1.76 oz.
Mounting	To be mounted flat onto the surface using adhesive foil or screws
Notes	the devices are supplied with a battery compartment for a coin cell, the devices are supplied with a charged energy buffer (rechargeable via USB), for configuration an optional adapter cable is required

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TSR06LCD-RH-4T	TSR06 LCD Thermostat-4T with Humidity

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