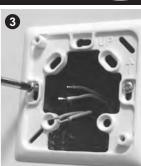
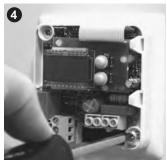
Installation instructions





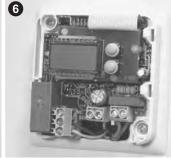


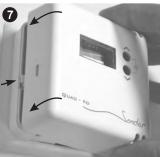






**TO CONECT TO ACCORDING ELECTRICAL DIAGRAM** 









### **GUARANTEE CONDITIONS** Thermostat for Underfloor Heating

QUAD - RD

This appliance has a three-years guarantee limited to VERY IMPORTANT replacement of defective parts. Ports not included

We will not accept any responsibility for damage caused to the appliance by poor handling.

The guarantee does not include:

- Appliances with a damaged, effaced or altered series number.
- Appliances which have not been connected or used following the instructions that accompany it.
- Appliances which have been altered without the prior consent of the manufacturer.
- Appliances damaged by blows of liquid spills or modifications without prior notice. gaseous emissions.

It is installer's responsibility to fit Sonder Regulación, S.A. electrical protection suitable for the installation (STANDARDIZED).

This appliance should be mounted on a universal recessed box.

Device designed for use in non-polluted environments.

Independently mounted control device for surface mounting and connection to

We reserve the right to make

Avda. La Llana, 93 08191 RUBÍ (Barcelona) Spain www.sonder.es







# □ UAD- RD Cód.: 29.035

Thermostat for Underfloor Heating

SELECTION OF THE REGULATION MODE:

The two regulations modes, NORMAL and ECO temperatures between 5 °C and 35 °C

Depending on the selected values, you can use the setting for NOCTURNAL REDUCTION, e.g. NORMAL at 22 °C and ECO at 18 °C. If, on the contrary, you programme two values, e.g. NORMAL at 22 °C and ECO at 20°C, you can have two COMFORT levels.

VERY IMPORTANT: The thermostat connects or disconnects the relay when the room temperature setting or the temperature programmed for the underfloor heating is reached.

# **USE** instructions

Pressing returns

### REGULATION MODE IN **HEATING BY** are independent and both can be adjusted to THERMOSTAT WITH TWIN MANUAL SETTING > NORMAL MODE AND ECO MODE

The screen alternates Upon connection Room Temperature & the room temperature is displayed (1st temperature)

Floor Temperature. a 1 appears. ^

To change the Floor Regulation Temperature, you have to enter

Pressing hanges to 2<sup>nd</sup> temperature regulation is displayed )

regulation to Normal

Mode(1st temp.)

## **OPTIONAL PARAMETER SETTINGS** Pressing V reduces

## **CHANGING THE REGULATION TEMPERATURES**

Set the thermostat to the regulation mode you want to change. NORMAL Mode or ECO Mode









Pressing A will

change the temperature



the temperature



Pressing increases Wait 3 seconds and it returns to room temperature (fixed display)





### **OFF**

With the display on Room Press the two keys at the same time. Temperature (fixed display) OFF and room temperature alternate



Viewing of the Tem.

in °C or °F

(Parameters values °C/°F)





ON

Pressing or . Returns to room temperature (1st temp, or 2nd temp, ECO)





## ENTRY INTO OPTIONAL PARAMETER SETTINGS



Pressing A will input 2 the desired temperature (flashing display) **FACTORY SETTINGS** 



Pressing A and 3 ✓ for 10 sec Both at once



optional parameters

Blocking the maximum

Will enter



of the parameter Calibration viewed Temperature (room)

Advance to the

next parameter

Change the value

**Differential settings** ▲ of 0.1 to 2°C/ 0.2 to 3.6°F) ★ of 0,2 to 2°C/0,4 to 3,6°F

Blocking the minimum

desired temperature limit

(5 to 19°C / 41 to 66°F)

Anti-frost Function Adjustable OFF or from 5°C to 18°C from 41°F to 64°F

( 20 to 35°C/ 68 to 95°F) Underfloor heating temperature Adjustable from 5°C to 35°C

desired temperature limit د00 c0.0

-3 to 3°C / -5,4 to 5,4°F)

Floor Temperature **Sensor Calibration** (from -5 to 5°C/ -9 to 9°F)

### Changing Control Type > HEATING ( factory) /COOLING ( Cooling Heating

# CONTROL TYPE

If you press the key once, you view the current Control type, if you press again, you CHANGE the Control type.





In Cooling a higher differential is advisable to protect the motor

# from 41°F to 95°F. RESET SETTINGS

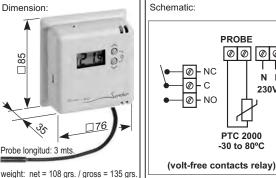
Press the key for 10 seconds and the parameters change to the factory settings.

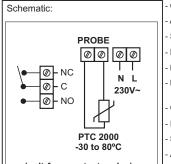


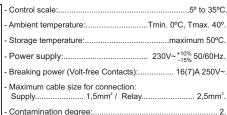
### **PROBE ERROR** This informs you that the Sensor or its cables are cut off or disconnected.



## TECHNICAL DATA







Ingress Protection:.. Software type A:. ..... (Action type 1.B). Assigned pulse voltage:....

- PTC2000 Temperature Sensor from -30 to 80 °C, accuracy 1.5%, Contacts Without Polarity, Log. Sensor 3m & IP67.