



**WIRELESS THERMOSTAT
THERMOSTAT SANS FILS
DRAHTLOSER THERMOSTAT
THERMOSTATO SENZA FILI
THERMOSTATO SIN CABLE**

Declarer - Deéclarant
Deklarant - Dichiarante
Declarante:

Model - Modèle - Modell
Modello - Modello:

Marking - Marquage
Markierung - Marcatura
Marca:



Fig. 1

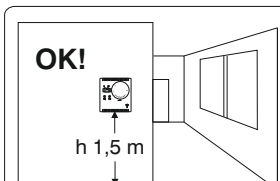


Fig. 2

**A) 1 zone system
Installation à 1 zone
Anlage für 1 Zone
Impianto 1 zona
Sistema de 1 zona**

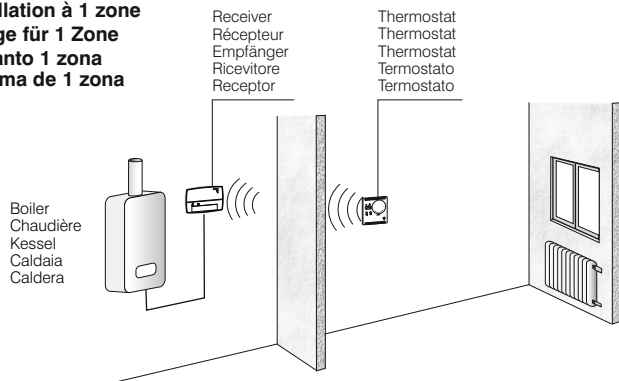


Fig. 3

**B) 2 zones system
Installation à 2 zones
Anlage für 2 Zonen
Impianto a 2 zone
Sistema de 2 zonas**

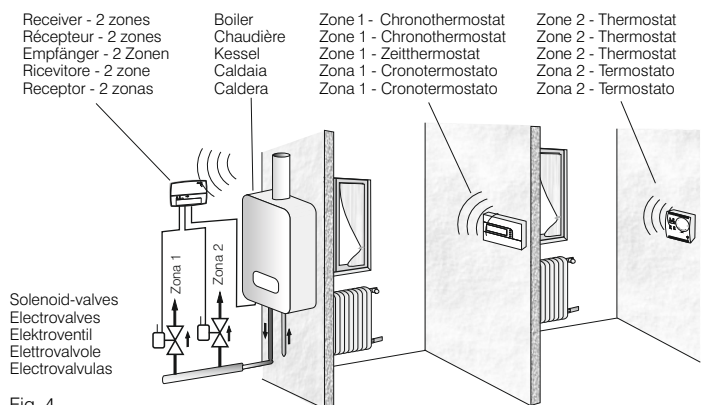


Fig. 4

N.B.: the radio frequency waves emitted by the wireless thermostat involve no health risks.

N.B.: les ondes à fréquence radio émises par le thermostat sans fil ne nuisent pas à la santé.

HINWEIS: die vom drahtlosen thermostat ausgesandten Funkwellen sind für Menschen nicht gesundheitsgefährdend.

N.B.: le onde a radiofrequenza emesse dal termostato senza fili non comportano rischi per la salute delle persone.

NOTA: las ondas de radiofrecuencia que emite el termostato no implican riesgos para la salud de las personas.

ENGLISH

WIRELESS THERMOSTAT EQUIPPED WITH RADIO TRANSMITTER

Wall-mounting - Summer ☀ / Winter ❄

Declaration of conformity

We declare that the product indicated at the side satisfies the applicable Essential Requirements of the R&TTE1999/5/CE directive.

The product's conformity to the directive is confirmed by the CE mark on the product and in this document.

A complete copy of the "Declaration of Conformity" to directive R&TTE1999/5/CE, is available upon request from the Declarer's address shown to the side.

Technical specifications

Supply voltage:	2 x 1.5V alkaline battery type AAA (LR03) 1.5 V 1050 mA/h
Command output:	by radio (to a receiver actuator of the "Wireless heat regulation" family integrated into the device)
Antenna:	
Signal frequency (carrier):	868,35 MHz
Maximum signal capacity in free air:	120 m
Maximum signal capacity in the presence of walls:	30 m (according to the chap. 1)
Insulation type:	Class III
Protection degree:	IP 30 / surface-mounted model
Pollution:	normal
Operating temperature limits:	-5 °C ÷ + 55 °C
Storage temperature limits:	-10 °C ÷ +65 °C
Battery life:	12 months approx.
Time remaining from lighting of "Battery Low"	
LED indicator:	15 days approx.
Adjustment temperature range:	+5 °C to +30 °C
Setting temperature resolution:	+/- 1 °C
Thermal gradient:	max 1 °K/15 min.
Differential operation:	$\Delta T = 0,3 \text{ °C}$ or $\Delta T = 0,6 \text{ °C}$ (selectable)
Reference standards:	LVD EN 60 950-1
(Directives R&TTE 1999/5/CE)	EMC EN 301 489-3
	RADIO EN 300 220-3

Performance

- Easy coupling of the transmitter to the zone, with self-learning.
- Possibility of assignment to one or more receivers.
- Transmission of "test" signal to verify the presence and capacity of the signal.
- Operating safety is provided by the **double transmission** of the information to the receiver.

INTALLATION AND USE GUIDELINE

1 - Installation guidelines

IMPORTANT: installation and electrical connection of devices and appliances must be carried out by skilled people and in compliance with statutory regulations. The manufacturer declines any liability regarding the use of products subject to special environmental and/or installation standards. Examples given in the manual are purely indicative.

Install the thermostat 1.50 to 1.70 m from the floor, well away from heat sources, air vents, doors or windows and anything else that could affect its operation (fig. 1 - fig. 2).

Cabinets, walls and slabs containing metal can limit the operation of the product.

With the support of the "test" (see heading 3.4) function, it is possible to verify in advance the optimum position (of best signal reception) for installing the thermostat and receiver.

IMPORTANT: for system and operation modes of the wireless heat regulation system and for a correct installation, also consult the specific receiver manual.

2 - Examples of installation (in heating systems)

A) 1-zone system (fig. 3) - composed by:

- n° 1 wireless thermostat
- n° 1 wall mounting 1-zone radio receiver that control the boiler

B) 2-zone system (fig. 4) - composed by:

- n° 1 wireless thermostat (night-zone)
- n° 1 wireless chronothermostat (day-zone)
- n° 1 2-zone wall-mounted receiver that controls the 2 zone valves together with the pump or boiler.

In this application, the Chronothermostat can also perform the system master function.