



CTARE

PROGRAMMABLE ROOM THERMOSTAT

Wired management of commands for controlling a heating or air conditioning system



Overview

Main features

- Regulation of the room temperature
- Programming of a heating or cooling system
- Automatic management of 4 pre-set weekly and daily programmes, which can be customised and which are separate
- The operating mode can be set manually
- Wired transmission, in heating or air conditioning mode, of commands to heating and air conditioning appliances

Application

- Floor heating/cooling system
- Reversible Heat pump
- Boiler
- Air-conditioner

Product + points

- **Elegant and innovative design**
- **A large display** improves the readability, allows to see programming 24 hours for a profile in one operation
- **Ergonomic setting**
- **Operates using batteries**, meaning that the device has a power reserve of several months at its disposal

Functional specifications

Use



Temperature setting range	Adjustable from +5°C to +30°C
Operating mode	Auto, Comfort, Eco (Economy), Frost protection, Heating Off, Holiday
Holiday Mode	You can program a period of absence from 01 to 99 days during which your home will be protected against freezing.
Programming	<ul style="list-style-type: none"> - Temporary change of the set programmed temperature - Copies a programme for a given day to another day, copies a given profile to another profile
Special Reversible Heat pump	The heating mode or air conditioning mode is selected by pressing the heating/air conditioning switch-over button which is visible on the interface
Optimizing a heating system with high inertia	Automatic anticipation of the increases or decreases in temperature required at the time of programmed switchovers to the Comfort Mode temperature and to the Eco (economy) Mode temperature
Thermostat includes a dedicated input for heating control by phone (An additional dedicated device is needed)	
Display	Viewing of room temperature, current day, current time, current mode, battery remaining

Installation

Wall mounting

Connection to heating and air conditioning appliances (a boiler, a reversible heat pump, etc.)

Advanced settings

Langue	English, French, Italian, German, Spanish, Dutch, Finnish, Norwegian, Swedish, Danish
Control type	PID (Proportional Integral Derivative) or On/Off, meaning that the product can be used with most systems
Circulation pump	Anti-locking feature
Temperature adjustment	Calibration of the display temperature
Restore to factory settings	5 secondes minimum to restor factory settings



Technical specifications

Dimensional and finish specifications

Height	160 mm	
Width	120 mm	
Depth	35 mm	
Color	White RAL 9016	Grey RAL 9006
Net weight	0.3 Kg	

Power supply

3 1.5V AAA / LR03 alkaline batteries	Battery life approximately 2 years
Relay output	One μ 8 (2) A 230V ~ potential-free double-throw switch, 100,000 cycles using an AC1-type load (resistive load)
Connection	Using a screw terminal suitable for a wire with a 1 to 2.5 square mm cross-sectional area (wire gauge)

Environment

Protection rating	IP20
Class	Classe II
Operating temperature	0°C to +40°C
Temperature setting range	+5°C to +30°C
Display temperature range	0°C to +40°C
Storage temperature	-10°C to +70°C
Humidity level	80% at +20°C (without condensation)

Applicable directives

EMC	2014/30/EU
LVD	2014/35/EU
RoHS	2011/65/EU
DEEE	2012/19/EU

Applicable standards

LVD	EN62311 ; EN60730-1 ; EN60730-2-9
EMC	EN60730-1 ; EN60730-2-9
RoHS	EN50581
Manufacturing	On certified site ISO 9001 V2008

Product codes

Codes	References
CTAREIMHGB	Weekly programmable wired room temperature thermostat, 4 profiles, grey
CTAREIMHWB	Weekly programmable wired room temperature thermostat, 4 profiles, white

Product customization (design features) possible. Please contact us.