



PH10



## PLATE CONTROLLER WITH ELECTRONIC CONTROL FOR ELECTRIC RADIATOR WITH DRY INERTIA

Analogue controller at mid-height, with or without pilot wire, left decorative plate supplied

### Overview

#### Main feature

- Ambient temperature control
- Desired temperature setting
- Power On / Standby
- Operating modes selection
- Remote programming by means of a 6-order pilot wire

#### Application

- Electric radiator with dry inertia

#### Benefits

- **"Smart" electronic controller** this means stable and accurate temperature in the room all year round
- **Robust:** the triac zero crossing switching system optimize product life time
- **Easy to use**

## Functional specifications

### Use



<b>Heating On/Off</b>	
<b>Operating modes</b>	Auto, Comfort, Eco, Frost protection, Standby mode
<b>Set temperature</b>	Adjustable from +7°C to +30°C, with visible Comfort range approximately 20°C
<b>Safety</b>	<ul style="list-style-type: none"> <li>- <b>Child safety:</b> two knobs enable you to lock the settings</li> <li>- <b>Internal protection against overheating faults</b></li> </ul>
<b>Led status</b>	Indicate mains presence, heating on
<b>Ergonomic settings</b>	Two ergonomic rotary knobs enable easy selection of the heating mode and of the desired temperature

### Installation

Plate assembly directly on the radiator

Connection to the heating electric cartridge by faston



# Technical specifications

## Dimensional and finish specifications

Height	560 mm
Width	91 mm
Depth	41 mm
Color	White
Net weight	0.4 Kg

## Power supply

Operating voltage	230VAC +/- 10% 50Hz
Maximum power	2000W resistive load
Power cord	1000mm: 3 conductors

## Control

Control type	Electronic TPI ( Time Proportional and Integral) control, triggered by a triac
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## Environment

Protection rating	IP24 after installation under the responsibility of an integrator
Class	Class II after installation under the responsibility of an integrator
Operating temperature	0°C to +40°C
Temperature setting range	+7°C to +30°C
Storage temperature	-20°C to +70°C

## NTC electronic temperature sensor

## Applicable directives

EMC	2014/30/EU
LVD	2014/35/EU
RoHS	RoHS 2011/65/EU, amended by Directives 2015/863/EU and 2017/2102/EU

## Applicable standards

EMC	EN55014-1 ; EN55014-2 ; EN61000-3-2 ; EN61000-3-3
LVD	EN60335-1 ; EN60335-2-30 ; EN62233
RoHS	EN IEC 63000
Manufacturing	On certified site ISO 9001 V2015

# Product code

Code	Description
COAPH010A2PA	White analogue right-hand plate control for radiator with dry inertia, Class II, with pilot wire and left decorative plate

Decorative left-hand column available on request.

Product customization (style, features) possible on request. Please contact us.