Digital chronothermostat
P413

Description

Radiofrequency weekly chronothermostat wich can be combined with remote actuators. The activation of the load to control (air conditioner, boiler, ...) occurs through the remote actuator, which is remotely controlled by the chronothermostat through a radiofrequency signal. So you can place the chronothermostat anywhere in your house, without the need of any wiring.
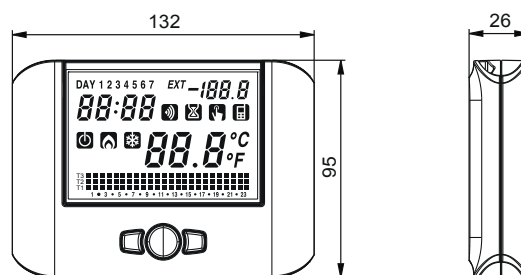
Funcionality

- Battery power supply 1.5V (AA type)
- 3 operating modes:
    - Automatic (on the 3 temperature values)
    - Manual (with manual temperature)
    - Off (with antifreeze temperature)
- Programming:
    - 7 programs for winter mode (modifiable)
    - 7 programs for summer mode (modifiable)
- Off function with antifreeze regulation (removable)
- Summer/winter operation
- Timed operation (manual, automatic, off)
- Temperature regulation of ON-OFF or proportional type
- Charge battery level indication
- Key lock for installation in public places
- Automatic summer/winter time change
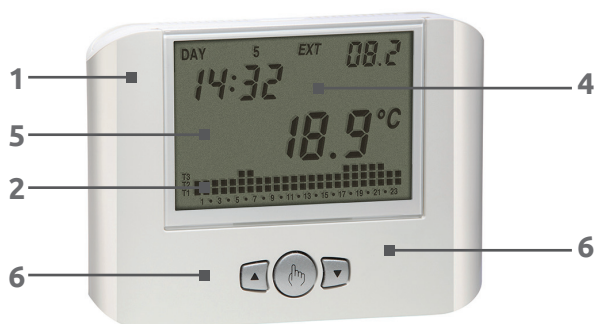- Wireless communication test

Codes and dimensions

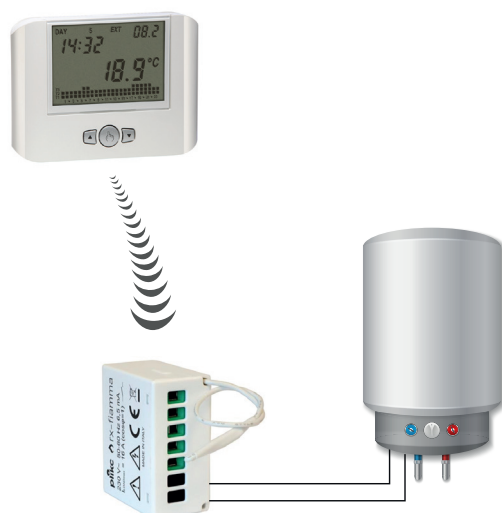| Art.	Code	Voltage
P413	88P4130199	Battery power

Components

1 - Plastic base for wall-mounting or fastening on 503 box (or similar)
2 - Temperature control all day long
3 - 2 different programming possibilities:
    - preset
    - personalised
4 - Guaranteed comfort and consumption control in both winter (heating) and summer (air conditioning)
5 - Wide display to view the operation status, time and day, ambient temperature
6 - Keypad hidden behind the front panel for the setting of programs and temperatures

Technical features

Battery power supply:	V DC	1 x 1,5 V (AA)
Battery life:	months	24
Charge reserve:	min	1
Fastened:		Wall / 503 box
Transmission frequency	Mhz	433.92
Temperature regulation range	Automatic °C	+2 ÷ +35
	Manual °C	+2 ÷ +35
	Antifreeze °C	OFF, +1 ÷ +10
Measurement temperature	°C	0 ÷ +50
Measurement precision	°C	0,5
Temperature resolution	°C	0,1
Programming resolution	H	1
Gap between two temperatures measurements	s	20
Activation delay		15, 30 or 45 (independent for each hour)
Type of regulation		ON-OFF or proportional
Settable differential (in ON-OFF)	°C	0.1 ÷ 1
Band (in Proportional)	°C	0.5 ÷ 5
Period (in Proportional)	min	10, 20, 30
Degree of protection	IP	XXD
Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-10 ÷ +65
Operating humidity	HR	20 ÷ 90% non condensing

Connection diagram

Reference standards

Compliance with Community Directives: 2014/53/EU (RED) • 2014/35/EU (LVD) • 2014/30/EU (EMCD) is declared with reference to the following standards:
• ETSI EN 300 220-1 • ETSI EN 300 220-2 • EN 300 220-3 • ETSI EN 301 489-1 • ETSI EN 301 489-3 • EN 60730-1