

# Digital chronothermostats

## CHRONOS RF

### DIMENSIONS (mm)

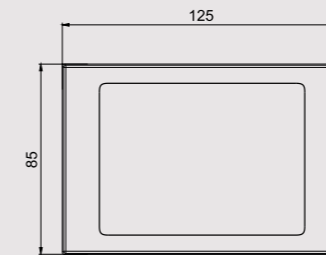
### WIRING DIAGRAM

Radiofrequency touch screen electronic chronothermostats with weekly programming and wall-mounting, designed to control the ambient temperature both in heating (winter) and in cooling (summer). The keypad consists of four touch keys placed on the lower part of the touch-sensitive display (touch screen). The activation of the boiler (or of the air conditioner) occurs through a remote actuator, controlled by the Chronos RF by sending a radiofrequency signal. This solution guarantees a high installation flexibility, especially on already existing systems, because wiring and masonry work are not required.

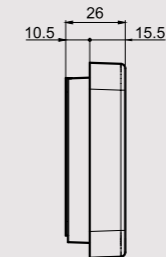
- 1 Plastic base for wall-mounting or to cover the in-built three modules box
- 2 Wide backlit display to view the measured temperature and the set programming
- 3 Touch screen keypad on the lower part of the display
- 4 Integrated radiofrequency module for sending control signals to the remote actuators



#### Front view



#### Side view



#### Diagram



Example of connection with 1 channel remote actuator



## CLIMATE CONTROL

### TECHNICAL INFORMATION

### RADIOFREQUENCY WALL-MOUNTING WEEKLY CHRONOTHERMOSTATS

- Automatic programming on a weekly basis with 3 temperature levels T1, T2, T3
- On/off temperature regulation (with adjustable differential), proportional or tP (with opening modulation for coupling with ThermoPro RF thermostatic valves)
- Antifreeze temperature to prevent system freezing when the device is switched off
- Blue backlighting of the display active when the keys are pressed
- Timing function: allows you to extend the current operation for the specified period (hours or days), after which the device changes operation from automatic to off, from manual to automatic, from off to on (manual or automatic)
- Delay function (settable for each hour independently): allows to adjust the temperature for the first 15, 30 or 45 minutes of the current time based on the temperature level set for the previous hour
- Automatic summer/winter time change and vice versa
- Keypad lock with password to prevent changes by unauthorized persons
- Compatibility with all Vemer radio frequency remote actuators
- Classification according to point 6 of the Communication 2014 /C 207/02 of the European Commission: class IV

#### One zone control (Set Chronos RF)



#### More zones control\*



Code	Model	Description	Colour	Power supply
VE484200	Chronos RF Bianco	Radiofrequency chronothermostat*	White	Batteries
VE485900	Chronos RF Nero	Radiofrequency chronothermostat*	Black	Batteries
VE486700	Set Chronos RF Bianco	Configured set composed by Chronos RF Bianco and RX.16A actuator	White	Batteries
VE487500	Set Chronos RF Nero	Configured set composed by Chronos RF Nero and RX.16A actuator	Black	Batteries

\* The activation of load can occur with one or more radiofrequency remote actuators of Vemer range (see accessories)

### GENERAL CHARACTERISTICS

Power supply	2 x 1.5 V batteries (AAA type)
Mounting	wall
Programming	weekly
Operating mode	summer/winter
Regulation type	ON/OFF or proportional
Adjustable differential (in ON/OFF)	°C 0.1 ÷ 1
Settable temperatures	3 + manual + antifreeze
Setpoint range	°C 2 ÷ 50
Measurement temperature resolution	°C 0.1
Measurement precision	°C 0.5
Antifreeze temperature (removable)	°C 1 ÷ 50
Programming resolution	h 1

Operating temperature	°C	0 ÷ 50
Storage temperature	°C	-20 ÷ 65
Operating humidity	RH	20% ÷ 90% non condensing
Protection degree		XXD

### REFERENCE STANDARDS

Compliance with Community Directive: 2014/53/EU (RED) is declared with reference to the following standards:  
 • EN 60730-2-7 • EN 60730-2-9 • ETSI EN 301 489-1 • ETSI EN 301 489-3 • ETSI EN 300 220-1 • ETSI EN 300 220-2