

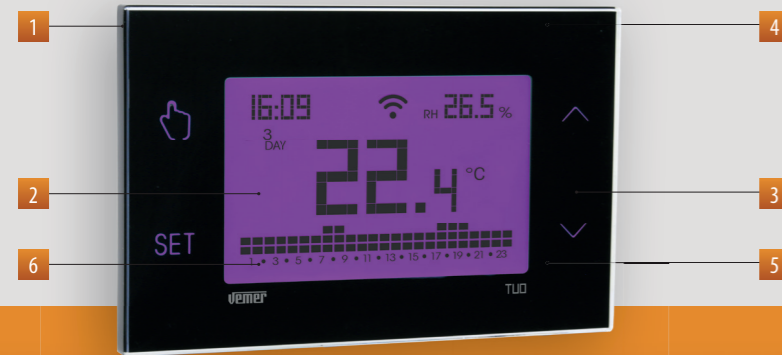
# Digital chronothermostats

Touch screen electronic chronothermostats with Wi-Fi connection and radiofrequency module, weekly programming and wall installation, designed to control the ambient temperature both in heating mode (winter) and in cooling (summer).

The free app, available on the AppStore and Google Play, allows the programming and the complete control even from your smartphone or tablet. Any alarm situations are signaled by sending an email to the specified address.

The activation of the boiler (or of the air conditioner) can take place by means of a remote actuator, controlled by sending a radiofrequency signal or via cable, thanks to the relay on board.

The keypad consists of four touch keys placed on the sides of the display. The colour of the display backlighting can be customized by the user.



- 1 Plastic base for wall-mounting or to cover the 3 modules flush-mounting box
- 2 Wide backlit display to view the measured temperature and humidity and the set programming
- 3 Backlit touch keys on the sides of the display
- 4 Terminals on the back of the device for connecting the load and the power supply
- 5 Integrated Wi-Fi module compatible with 802.11 b/g/n standard
- 6 Integrated radiofrequency module for sending command signals to remote actuators
- 7 Free app available for iOS and Android systems



### What allows you to do the App?

- switch on and switch off the air conditioning system
- create and modify weekly programs
- change the operating temperatures values
- simplify programming through copy-paste one program on several days
- set holiday days when the system is off
- prevent changes to settings via the keypad of the device

### TUO Wi-Fi RF alerts you when...



...the measured temperature exceeds a minimum or maximum set value



## WEEKLY WALL-MOUNTING WI-FI CHRONOTHERMOSTATS

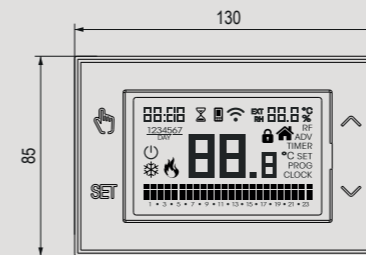
- Automatic programming on a weekly basis with 3 temperature levels T1, T2, T3
- On/off temperature regulation (with adjustable differential), proportional or tP (with modulation of opening for coupling with ThermoPro RF thermostatic valves)
- Antifreeze function: allows setting a minimum temperature (antifreeze temperature) to be maintained when the device is switched off to prevent system freezing
- Configurable backlighting display:
  - always off
  - of a colour chosen among 48 possible shades
  - variable between red, green and blue on the basis of the difference between the measured temperature and the set one
- Display of the measured humidity value
- 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 on the basis of the temperature level set for the previous hour
- "Local operation block" function: allows the device control only with the app (keypad changes are ignored)
- Possibility to reduce the settable temperature range (factory 2÷50°C)
- Automatic summer time change and automatic synchronization when connected to the network
- Keypad lock with password to prevent changes by unauthorized persons

Code	Model	Description	Colour	Power supply
VE773600	Tuo Wi-Fi RF Bianco	Weekly radiofrequency chronothermostat with Wi-Fi and with multicolour backlit LCD	White	230V~
VE773700	Tuo Wi-Fi RF Nero	Weekly radiofrequency chronothermostat with Wi-Fi and with multicolour backlit LCD	Black	230V~

## TUO WI-FI RF

## DIMENSIONS (mm)

### Front view

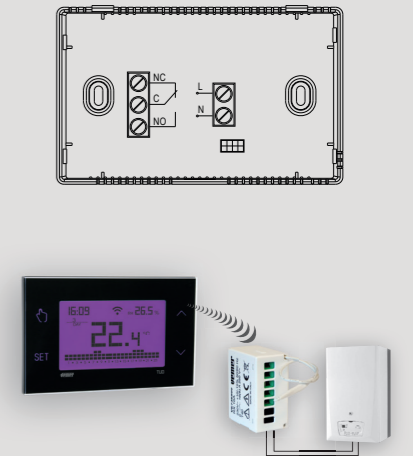


### Side view



## CONNECTION DIAGRAM

### Diagram



Example of connection with a 1-channel remote actuator

## TECHNICAL INFORMATION

### GENERAL CHARACTERISTICS

Power supply	230V AC (-10% ÷ +10%)	
Frequency	Hz	50/60
Mounting	Wall /Box 503	
Programming	Weekly	
Operating mode	summer/winter	
Settable temperatures	3 + antifreeze + manual	
Temperature regulation range	Automatic °C	+2 ÷ +50
	Manual °C	+2 ÷ +50
	Antifreeze °C	OFF, +1 ÷ +50
Relay capacity 250 V AC	A	5
Temperature measurement range	°C	0 ÷ +50
Measurement precision	°C	0.5
Temperature resolution	°C	0.1
Programming resolution	h	1
Gap between two temperature measurements	s	20

Regulation type	ON-OFF or proportional		
Adjustable differential (in OFF-ON)	°C	0.1 ÷ 1	
Displayed humidity	Range	RH	+20 ÷ +90%
	Resolution	RH	0.1%
	Precision	RH	5%
	Transmission frequency	MHz	433.92
Protection degree	IP	XXD	
Operating temperature	°C	0 ÷ +50	
Storage temperature	°C	-20 ÷ +65	
Relative humidity	RH	20 ÷ 90% non condensing	



### REFERENCE STANDARDS

Compliance with Community Directives: 2014/35/EU (LVD) • 2014/30/EU (EMCD) is declared with reference to the following standards: EN 60730-2-7 • EN 60730-2-9