Digital chronothermostats

Electronic Wi-Fi chronothermostats with battery power supply and wall-installation which allow the regulation of the ambient temperature both in heating mode (winter) and in cooling mode (summer).
The free app, available on the AppStore and Google Play, allows the programming and the complete control from your smartphone or tablet.
The energy saving function allows you to set the daily frequency with which the chronothermostat connects to the cloud, thus optimizing battery life.
Any alarm situations such as exceeding temperature limits or approaching battery discharge are reported by sending an email to the specified address or via notification in the app.

TUO WI-FI BATTERIA

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. Free app available for iOS and Android systems

Disponibile su **App Store**   *DISPONIBILE SU* **Google Play**

7. Compatible with Google Home and Amazon Echo

DIMENSIONS (mm)

Front view

130 / 85

Side view

28
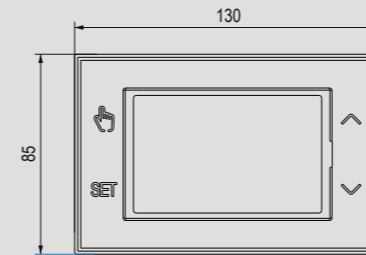
CONNECTION DIAGRAM

Diagram

NC NO C

CLIMATE CONTROL
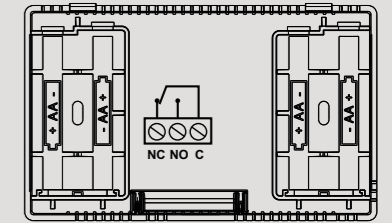
WEEKLY WALL-MOUNTING WI-FI CHRONOTHERMOSTATS

- Automatic programming on a weekly basis with 3 temperature levels T1, T2, T3
- On/off temperature regulation type (with adjustable differerential) or proportional
- Antifreeze function: allows to prevent system freezing when the device is switched off
- Timing function: allows you to extend the current operation for the specifed 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 electricity network
- Keypad lock with password to prevent changes by unauthorized persons
- Classification according to point 6 of the Communication 2014 /C 207/02 of the European Commission: class IV

Tuo Wi-Fi alerts you:
- when the batteries need to be replaced
- when the temperature exceeds a set value

ALARM

Energy saving function

With this function you can set how often the chronothermostat connects to the cloud to check and download any updates to the programming.

The basic setting requires an update every 15 minutes (or every hour during the night) in the winter period (from 1st October to April 30) and every 8 hours during the summer.
This setting guarantees an autonomy of 18 months.*

The Economy setting provides an update every 8 hours and guarantees an autonomy of about 30 months.*

The refresh rate can however be customized by the user according to their own needs to be at least once every 6 hours at a maximum of once every 10 minutes.

* *under normal Wi-Fi signal conditions*
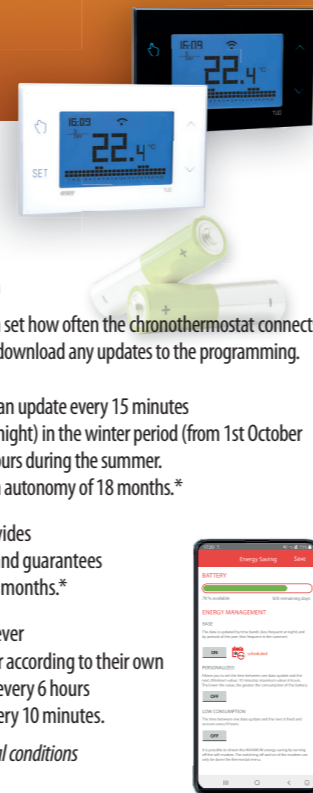
TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

Power supply		4 1.5V batteries (AA)
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 at 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
Switching delay	min	15, 30 o 45

Type of regulation		ON-OFF or proportional
Settable differential (in ON-OFF)	°C	0.1 ÷ 1
Interval between two connections to the cloud		10 min ÷ 8 h
Degree of protection	IP	XXD
Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-20 ÷ +65
Relative humidity	RH	20% ÷ 90% non condensing

App   Internet network   access point   Tuo Wi-Fi

REFERENCE STANDARDS
Compliance with Community Directives: 2014/53/EU (RED)
is declared with reference to the following standards: EN 60730-2-7 • EN 60730-2-9 ETSI EN 300 328, ETSI EN 301 489-1, ETSI EN 301 489-17

Code	Model	Description	Colour	Power supply
VE788600	Tuo Wi-Fi Batteria Bianco	Touch screen weekly Wi-Fi chronothermostat with LCD	White	Batteries
VE788700	Tuo Wi-Fi Batteria Nero	Touch screen weekly Wi-Fi chronothermostat with LCD	Black	Batteries

VEMER

VEMER