TEMPERATURE CONTROL
2017-18 CATALOGUE

CAME ⊤ BPT

CAME BPT

A SYSTEM DESIGNED SO YOU CAN LIVE IN TOTAL COMFORT

GENERAL INDEX

WE SPEAK ABOUT QUALITY LIVING, IN ALL OF THE WORLD'S LANGUAGES.

Innovation drives our projects and focus to make people's lives as comfortable as can be. Our objective is crystal clear, yet complex: here our company's skills and experience come into play. We know how to blend functionality and design to keep our quality at state-of-the-art levels.

Our ambitious projects testify as to our realistic forward-thinking approach. We are proud of what we build and do, that is, technological breakthroughs partnered with today's movers and shakers, with whom we are changing the way people approach their daily living habits.

CAME HEADQUARTERS

CAME ✝ **URBACO**   **CAME** ✝ **PARKARE**   **CAME** ✝ **GO**   **CAME** ✝ **BPT**

CAME
A BRAND
NEW
FUTURE

From multi-brand group to
global brand, CAME's new identity
is all about ground-breaking innovation. We
are headed towards new opportunities.

A step ahead in domotics, through Human Automation's
four laws, to enhance our quality of life, because
it is designed by and for people.

Our Group boasts all key players, all driven and motivated:
to provide technological solutions to ensure
comfort, safety and performance to all settings,
whether at home, at work or in town.

Our shared common goals override each of
our specific core businesses.
The sheer diversity makes it a
truly remarkable organization.
One, great global-company.

CAME ✝

MISSION

Our multinational role is to supply
integrated, technological solutions to automate single
homes, public venues and city squares. All of **this is to
create intelligent environments to benefit people.**

MISSION

We help people automate and make intelligent their
surroundings at home, at work
**and in town, with integrated technological
solutions that ensure comfort, safety and
performance**.

VISION

The perfect connection between man and
technology puts people and **their wellbeing at the
center of all things.**

CARE

HUMANS ARE THE MEASURE FOR ALL OUR OPERATORS.

All technology must be designed for people. The drive to go beyond, to excel technically, will never become as central as the role of humans in everything we do.

Life inspires us.

In a world where technology rules, we're putting people back at the center of things. Those people that staff all our branches worldwide, our collaborators, our researchers and developers, our customers.

It's by thinking about how they like to live, that we come up with the right technological solutions to improve the quality of their daily lives. It's by re-engineering our habits, our places and venues that we can come up with such a ubiquitous, yet low-key technology. From this delicate balance, we create new standards for protecting and caring for our lives.

CAME

ACTION

**EVERY OPERATOR
MUST ANTICIPATE THE
NEEDS OF PEOPLE.**

Operators are neither passive nor static in
terms of technology. We must be able to
anticipate the needs of people, by imagining
expectations
and solutions.

That's everywhere, by
all means.

Our drive, to find innovative solutions before
the need arises, is a matter of sensitivity and focus.
It's about forecasting a future that is
now rushing to meet us. Technology must be always
able to distinguish
diversity in venues and uses. Whether it's in
residential, public or city settings, it needs to make
such a place pleasant and livable.

What ensues is, **CAME CONNECT,**
the Cloud technology for remotely exploiting
all the functions of your installed devices. This
means great advantages for installers and
users.
Once again, CAME technology drives the quality
of our lifestyles.

CAME

MULTICULTURAL

EACH OPERATOR MUST RESPECT ALL OF THE CULTURES AROUND THE WORLD.

Operators must fit into any cultural context to bring down any diversity barriers.
We make solutions that boost and consider people's status as global citizens.

Worldwide, together.

CAME is deeply rooted in the Italian province of Treviso. Yet its 26 business units, capillary distribution network, six production plants in Italy, France, Spain and England, and its sales operations based in 118 countries give the organization a broad mental and cultural perspective. This enables the company to be effective and timely when responding against stiff global competition. We offer cutting-edge solutions designed for the needs of each market.

CAME

EXPERIENCE

**EACH OPERATOR
MUST ALLOW PEOPLE THE
FREEDOM TO BE THEMSELVES.**

Technology should not be invasive, or
limiting to people. We believe that
our operators should blend with
users' lifestyles and their thinking.

Freedom in not just a
state of mind.

In our world, we don't: limit our thinking, separate
places, or label our desires. Each bit of diversity is
rich, in and of itself, and
creates a unique urban setting, in which people
share different views, all of which are possible.
Technology is there to improve our lifestyles. It
helps us to reach every accessible space in our
homes, towns and venues. It helps us in newly
defining security, and in the sharing
of ideas that drive new achievements.

CAME

THE TEMPERATURE CONTROLLER

The temperature controller is an electronic device that can control ambient temperature, by adapting it to the user-selected temperature.

The temperature controller receives ambient temperature data via the corresponding sensors and establishes whether to power on, or power off, the heating or cooling system to reach and steadily maintain the set temperature.

There are two ways to control the temperature in a room; by thermostat, which keeps the set temperature constant, until the user changes it; and by chronothermostat, which combines the functions of a clock and a thermostat. This means it can controls the temperature, hour-by-hour, for the entire day, and activate the heating system, if the temperature drops below the set temperature, to prevent wasting any energy.

Just the right temperature for every hour

The chronothermostat makes your life more comfortable by monitoring and adjusting your heating and cooling systems. It lowers the temperature at night for better sleeping conditions; in the morning, it activates the system before you alarm clock rings, so you can start your day with a cozy room temperature; when you're not home, it powers off your system, and prevents any waste of energy; it powers it back on before your return, making sure the ambient temperature is warm for the entire evening. If you're away on vacation, it powers off the system during the whole day; and, when needed, it keeps the system on for longer. At any time, you can decide and apply changes to the settings, very easily and quickly.

00:00–05:00 18°C	06:00–07:00 20°C	08:00–09:00 22°C	10:00–15:00 18°C	16:00–17:00 20°C	18:00–22:00 22°C	23:00–24:00 18°C
Cool rooms make for great sleep	The home is just waking up	It's nice to wake up in a cozy atmosphere	No one home, the system stays switched off	The home gets ready to welcome you back	Maximum comfort when relaxing and just the right degree of warmth to conclude the day	Cool rooms make for great sleep

00 • • 3 • • 6 • • 9 • • 12 • • 15 • • 18 • • 21 • • 00

THE RANGE

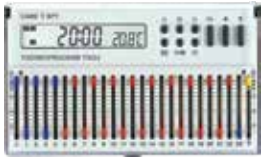| RECESS-MOUNTED DIGITAL CHRONOTHERMOSTATS	DIGITAL CHRONOTHERMOSTATS RECESS-MOUNTED	WALL-MOUNTED DIGITAL THERMOSTATS	WALL-MOUNTED, DIGITAL CHRONOTHERMOSTATS	WALL-MOUNTED CURSOR-OPERATED THERMOSTATS

TA/350

TH/350

TA/450

TH/400

TH/124

TA/600

TH/345

TA/500

TH/450 GSM

TH/125

TH/600

TH/450

TH/550 series **NEW**

TH/550 WH WL **NEW**

TH/550 WH WIFI **NEW**

THE TEMPERATURE CONTROLLER

15

THE MULTI-ZONE TEMPERATURE CONTROL SYSTEM

Classic temperature control systems that are managed by single thermostats and chronothermostats are not always suitable to manage temperatures in homes. Certain circumstances require more. In homes built on multiple floors or very large homes, it becomes necessary to set the desired temperature for each room, with different temperatures at different times of the day. This is to ensure just the right level of comfort and to cut back on energy waste. In such cases, we need an evolved system that can divide the home into so-called temperature zones and to manage each zone with a dedicated program, while monitoring the temperatures via specific sensors fitted in each room. And that is how Bpt's multi-zone system was born. It comprises a TH/PLUS touch screen that controsl a group of devices connected over the bus network and from which you can manage up to eight different temperature zones at home or the office. A technological, easy-to-install system, that can be remotely controlled via app and SMS, and which features preset or user-customized programs.

Bpt multi-zone system: temperature control of all of the home's zones from one control terminal.

THE RANGE

Multi-zone control terminals

These let you control eight temperature zones, one of which is managed by the terminal itself. They talk directly with the thermostats and temperature sensors and control the zone solenoid valves via specific relay output modules. The connectivity among the system components takes place over a field bus connected to two non-polarized wires. They are for setting a temperature program for each day of the week in each temperature zone. Also available in black and white.

TH/PLUS WH   TH/PLUS BK

Sensors and thermostats

They detect the temperature in the room where they are installed and send it to the control terminal. The thermostat, unlike the sensor, also provides local control, that is, outside of the terminal's control, over their respective zones. The sensor, besides temperatures, also detects the environmental humidity which appears on the terminal.
Both are fitted with an input to which can be connected a magnetic open-window contact. This is for switching off the temperature zone when the window is opened.

TA/P1
Thermostat

OH/SRI
Temperature and
humidity sensor

Accessories

The system also features relay output modules for controlling the zone solenoid valves and the power-supply unit fitted with the corresponding filter for powering all of the devices connected to the system.

OH/3RPI
Three-relay output module

OH/PF
Power-supply
filter

VAS/100MH
Power supply

Note:

the system uses sensors, thermostats and accessories of the Came Domotic 3.0 home-automation system. For more information on the component parts used, please see the Temperature Control chapter in the Home-Automation catalog.

THE MULTI-ZONE TEMPERATURE CONTROL SYSTEM

TEMPERATURE CONTROL FUNCTIONS

1

WEEKLY SCHEDULING

The chronothermostat is for setting up automatic programs, for each weekday, based on three temperature levels, to perform system settings.

2

CURSOR-OPERATED DAILY PROGRAMMING

The exclusive system of cursors shows the levels of the scheduled temperatures and lets you immediately make any adjustments, degree by degree.

3

PROGRAMMING TEMPERATURES ON THREE LEVELS

With chronothermostats you can set up a different temperature level, by choosing among three available programs, for each hour of the day and for each day of the week.

With thermostats, you can use the three COMFORT, ECO and NIGHT levels.

7

VACATION PROGRAM (MANUAL TIMER)

For programming a fixed temperature for certain hours or days, for example, when you wish to prolong the temperature because guests are still in the house or to prevent water from freezing in the pipes when you are away in winter.

8

± 0,9 °C

TEMPERATURE-DIFFERENTIAL ADJUSTING

Suggested for systems that are hard to control due to extreme, outdoor temperature variations. It ensures that the system is fully exploited while containing costs. The differential can be adjusted between 0.1°C and 0.9°C to adapt it to systems that have several temperature inertias, that is, heat convectors, floor heating, and electrical heaters.

9

PI

PROPORTIONAL/INTEGRAL ADJUSTING SCHEDULE

It is for optimizing consumption while obtaining the most out ambient comfort, by reducing a boiler's powering-on times according to the difference between the set and room temperatures. The less the difference between the temperatures, the less the powering-on times. Setting the parameters is facilitated by three preset programs and one manually settable program.

4

CUSTOMIZABLE STANDARD SCHEDULE

The chronothermostat is ready for use, thanks to the standard, heating and cooling, programs uploaded in the permanent memory. These can be customized and restored to their factory settings. Thanks to a wide range of function choices and additional programs, that is, manual and antifreeze - which can be scheduled for up to 99 hours or days - plus, the Jolly program, the device adapts to any needs.

5

SELECTABLE, PRESET PROGRAMS

It is for selecting preset heating and cooling programs.

6

ALL-PURPOSE PROGRAM

An automatic, customized and saved program that can be activated at any time of the day until midnight of the same day or until the program is manually deactivated. Activation of the Jolly program can be set for any day of the week and it stays operational for the entire day.

10

TEMPERATURE READING CALIBRATION

If the TH is not installed properly, for example, when too close to a heat source, the temperature detection could be distorted. To prevent this, you can calibrate the reading to ± 3°C to optimize both comfort and consumption levels.

11

POSTPONE SYSTEM SWITCH-ON OR SWITCH-OFF

It enables the chronothermostat to delay, by 15, 30 or 45 minutes, the system powering on or off, which makes for more customized management of comfort and consumption levels.

12

AUTOMATIC POWER-ON PREVIEW

This lets the chronothermostat self-adapt to the times needed to obtain the required temperature at the chosen times.

FUNCTIONS

TEMPERATURE CONTROL FUNCTIONS

13

ANTIFREEZE FUNCTION

It keeps the set temperature in heating mode, by exclusively controlling the differential, even when the user has chosen a proportional-integral controlling mode.

14

HOUR COUNTER

A counter lets you control the system's hours of operation (power ons).

15

BLOCKED TEMPERATURE-SETTINGS

The temperature setting points can be blocked to prevent any accidental changes to the set values. By using this function, users are free to select one of the three pre-set program levels, which cannot be adjusted.

19

CONNECTING AN OUTDOOR SENSOR

You can connect an outdoor sensor to optimize temperature control in your home or office.

20

DAILY SCHEDULE

For setting the same automatic program, based on three temperature levels, for everyday of the week.

21

B&B FUNCTION

For locking the temperature into a preset value and varying it by ± 2°C.

CAME DOMOTIC 3.0 SYSTEM

HOME AUTOMATION

This device can be integrated with the CAME DOMOTIC 3.0 home-automation system with which it shares the field bus.

MULTI ZONE

For controlling several temperature zones, with customizable temperature programs for obtaining the most ambient comfort.

INTUITIVE INTERFACE

The device is fitted with a wide, graphic display featuring a simple, intuitive interface for immediate use of the system.

CAME ᵀ BPT

16

REMOTE CONTROL

By connecting a telephone combiner, you can remotely launch a scheduled, manual program or force the device to operate in manual mode.

17

REMOTE CONTROL VIA APP

Via the TH THermo app you can remotely control and change the room temperature and the device's state of operation.

18

SYSTEM EXCLUDED BY MAGNETIC CONTACT

You can force control exclusion, for example, by using a door or window magnetic contact connected to special terminals, to prevent wasting any energy.

22

CLEAN SCREEN

This function lets to lock the screen for 30 seconds, to clean it.

23

INVERT HOUR/TEMPERATURE

For inverting the viewing of Time/Temperature so as to allow larger fonts on another function.

CODE and ID

Each product is marked with a
CODE and an **ID**.
When ordering, please state the **CODE** for each product.

FUNCTIONS

GUIDE TO CHOOSING CHRONOTHERMOSTATS

RECESS-MOUNTED, DIGITAL CHRONOTHERMOSTATS

	ICON	TH/350	TH/345	TH/600
Digital chronothermostat		●	●	●
Radio-frequency chronothermostat				
Weekly scheduling	1	●	●	●
Daily scheduling	20			
Recess-mounted installation		●	●	●
Wall-mounted installation				
Backlit display		●		●
Liquid crystal display		●	●	●
Interchangeable covers included in the package		●		●
Compatible with standard industry plaques		●	●	●
Heating/cooling program		●	●	●
All-purpose program	6	●	●	●
Vacation schedule	7	●	●	●
Proportional/Integral adjusting schedule	9	●		●
Temperature reading calibration	10	●		●
Programming the temperature on three levels	3	●	●	●
Manual settings		●	●	●
Hour counter	14	●	●	●
Automatic power-on preview	12	●		●
Postpone system switch-on or switch-off	11	●		●
Antifreeze function	13	●	●	●
Outdoor sensor connection	19			
Temperature-settings lock	15			●
Customizable standard schedule	4	●	●	●
Removable body				
Extractable body		●	●	
System excluded by magnetic contact	18			
Temperature-differential adjusting	8	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C
Remote control	16	●		
Remote control via App	17			
WiFi internet connection				
B&B Function	21			
Clean screen	22			
Invert Hour/Temperature	23			
Battery status		●	●	
Battery powered operation		3 AAA	3 AAA	
Power-supply at 230 V AC				●
Dimensions in mm (L x H x D)		66 x 45 x 50	66 x 45 x 50	66 x 45 x 50
NB:* only for battery operated models				

22

WALL-MOUNTED, DIGITAL CHRONOTHERMOSTATS

TH/400	TH/450	TH/450 GSM	TH/550	TH/550 WH WL	TH/550 WH WIFI
from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C
3 AAA	3 AAA	3 AAA	2 AA	2 AA	
116 x 80 x 21	120 x 86 x 19.7	120 x 86 x 19.7	126 x 92 x 23	126 x 92 x 23	126 x 92 x 23

GUIDE TO CHOOSING CHRONOTHERMOSTATS

	CURSOR OPERATED	
ICON	TH/124	TH/125

	ICON	TH/124	TH/125
Digital thermostats			
Cursor-operated chronothermostats		●	●
Cursor-operated daily programming	2	●	●
Selectable, preset programs	5	●	●
Recess-mounted installation			
Wall-mounted installation		●	● **
Backlit display			
Liquid crystal display		●	●
Interchangeable covers included in the package			●
Compatible with standard industry plaques			
Heating/cooling program		●	●
All-purpose program	6		●
Vacation schedule	7	●	●
Proportional/Integral adjusting schedule	9		
Temperature reading calibration	10		
Programming the temperature on three levels	3		
Manual settings		●	●
Hour counter	14	●	
Postpone system switch-on or switch-off	11		●
Antifreeze function	13		●
Outdoor sensor connection	19		
Temperature-settings lock	15		
Removable body		●	●
Extractable body			
System excluded by magnetic contact	18		
Temperature-differential adjusting	8	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C
Remote control	16		●
Battery status		●	●
Battery powered operation		3 AA	3 AAA
Power-supply at 230 V AC			
Dimensions in mm (L x H x D)		135.5 x 82 x 33	133 x 93 x 25.5

NOTE: * only for battery-operated versions - ** or semi recess-mounted versions

24

GUIDE TO CHOOSING THERMOSTATS

	RECESS-MOUNTED DIGITAL THERMOSTATS		WALL-MOUNTED DIGITAL THERMOSTATS	
	TA/350	TA/600	TA/450	TA/500
	●	●	●	●
	●	●		
			●	●
		●		●
	●	●	●	●
	●	●		
	●	●		
	●	●	●	●
	●	●	●	●
	●	●	●	●
	●	●	●	●
	●	●	●	●
	●	●	●	●
	●	●	●	●
				● *
	●	●	●	●
			●	
	●			
	●		●	● *
	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C	from ±0.1°C to ±0.9 °C
	●		●	● *
	●		●	● *
	3 AAA		3 AAA	2 AA
		●		●
	66 x 45 x 50	66 x 45 x 50	120 x 86 x 19.7	140 x 92 x 24.5

25

TH/PLUS

Multi zone terminal with touch-screen display

For controlling eight temperature zones, one of which, directly, ensuring that each one has the proper comfort level and optimized consumption levels. Via the system bus it directly talks with the thermostats and temperature sensors and controls the zone solenoid valves via relay output modules. All the functions can be activated on the wide, 16/9 4.3", color, touch-screen display. The simple, intuitive graphic-interface, makes for immediate programming and ensures optimal levels or ergonomics for users. Its wall-mountable, detailed design make it just right for any type of system or setting.

White

Black

Technical features

- Power supply: direct from bus
- Absorption: 100 mA
- Controls up to eight temperature zones
- Terminal that functions as a zone thermostat
- View historical data for temperature and humidity readings
- View historical daily, weekly, and monthly energy-consumption values, if connected to the OH/GEN module
- View atmospheric pressure and weather trends, if connected to the OH/SRE outdoor sensor
- View the comfort level
- Humidity control via reserved output
- Automatic change from standard to daylight-saving time
- Define temperature profiles with temperature adjustments to the desired levels every 15 minutes
- The system self-configures from the terminal (no need to use PC-based tools)
- Multiple Th/Plus terminals can be fitted to the same system
- Wall-mounted or to cover standard, three-module recess-mounting boxes

  DIMENSIONS (L x H x D) 166 x 112 x 25.6 mm: wall-mounted

Functions

📅	Weekly scheduling
	Customizable standard schedule
	Jolly schedule
	Vacation program (manual timer)
±0/°C	Temperature-differential adjusting between 0° C and 2° C
PI	Proportional/Integral adjusting schedule
±3°C	Calibrates temperature measurements
	Antifreeze function
⏱	Hour counter
	Temperature setting block
	Remote control via App
	System excluded by magnetic contact
	Outdoor sensor connections (only for battery-operated versions)
	Multi zone
GUI	Intuitive interface
3.0	CAME DOMOTIC 3.0 home and building automation

* The Android™ logo is creatively stylized and represents the brand which has been created and shared by Google and is used according to the terms listed in the Creative Commons Attribution License 3.0.

Humidity detected

TH+ historical data

Example screen viewing of historical humidity data

Consumption: 24 hrs

Energy

Example screen viewing of historical energy consumption

TH Thermo APP

GET IT ON
Google play

Available on the
App Store

Codes and ID codes

RECESS-MOUNTED, MULTI ZONE TERMINALS

67200070	TH/PLUS WH	Multi-zone terminal with touch-screen display for controlling eight temperature zones, one of which is directly controlled by the terminal. White.
67200090	TH/PLUS BK	Multi-zone terminal with touch-screen display for controlling eight temperature zones, one of which is directly controlled by the terminal. Black.

MULTI-ZONE SYSTEMS

TA/P1

Zone thermostat with direct connection to system bus

For controlling the temperature in the zone where it is installed. Via the system bus, it talks directly with the TH/PLUS terminal. It features various operating modes to optimize consumption levels and maintain optimal comfort levels.

Thanks to the recess-mounted installation and its compatibility with standard-industry series, it fits into any interior decorating settings and is the ideal solution for different types of systems.

White

Gray

Charcoal

⚠ The plaque shown in the pictures is not included in the package

Technical features

- Power supply: direct from bus
- Absorption: 8 mA
- Backlit, liquid-crystal display
- Compatible with most standard industry plaques
- Three, white, charcoal gray and silver gray, interchangeable covers
- Operation:
  Automatic. Control according to the temperature
  profile that is set on the
  Manual terminal.
  You can change the temperature, that is set on the terminal, to a programmable
  value. For example, to +/-2° Celsius.
- Installs in a standard, three-module, recess-mounting box

PACKAGE CONTENTS
- one TA/P1 thermostat
- three white, charcoal gray and silver, interchangeable covers
- four adapters for the most common industry-standard plaques
- one hole-cap adapter
- one frame and two screws

DIMENSIONS
- (L x H x D) 66 x 45 x 50 mm

Functions

📅	Weekly scheduling
⏲	Customizable standard schedule
🃏	Jolly schedule
⛱	Vacation program (manual timer)
🌡	Temperature-differential adjusting between 0° C and 2° C
PI	Proportional/Integral adjusting schedule
🌡 ±3°c	Temperature reading calibration
❄	Antifreeze function
⏱	Hour counter
🌡🔒	Temperature block
📱	Remote control via App
⊞	System excluded by magnetic contact
	Outdoor sensor connections (only for battery-operated versions)
3.0	CAME DOMOTIC 3.0 home and building automation

TH Thermo
APP

GET IT ON
Google play

Available on the
App Store

Fully compatible

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ
AVE	SISTEMA 44, SISTEMA 45
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (squared and round), LIGHT, LIGHT TECH, AXOLUTE, LUNA
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS
ABB	ELOS
LEGRAND	VELA (squared and round), CROSS

The brands Arkè, Plana, Idea and Eikon belong to VIMAR S.p.A.

The brands, Sistema 44, Sistema 45 and Banquise belong to AVE S.p.A.

The brands, Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna belong to BTicino S.p.A.

The brands, Chorus, Playbus and System belong to GEWISS S.p.A.

The Elos trademark belongs to ABB S.p.A.

The brands Vela and Cross belong to LEGRAND S.p.A.

Codes and ID codes

RECESS-MOUNTED, MULTI-ZONE TERMINAL *

67200081	**TA/P1**	Zone thermostat that directly connects to the system bus, plus three, white, charcoal gray and silver interchangeable covers included in the package.

* N.B.: item of the CAME DOMOTIC 3.0 range

THE SYSTEM ARCHITECTURE

Temperature control systems featuring a TH/PLUS terminal are for controlling up to eight temperature zones; one zone is directly controlled by the terminal (as said terminal has an on-board temperature and humidity sensor), and the other zones are controlled via TA/P1 zone thermostats or OH/SRI indoor sensors. Also, OH/SRE outdoor sensors can be connected to the system for reading outdoor temperature, humidity, atmospheric pressure and weather trend levels. All of the devices are connected to the terminal via the system bus.

Each zone thermostat measures the temperature in the room where it is installed and sends the information to the terminal which, depending on which program is set by users, sends the control signals to the output modules for activating the zone solenoid valves. For each temperature zone you can set up a customized program for each day of the week.

The TH/PLUS terminal, the TA/P1 thermostats and the OH/SRI sensors all have an input to which you can connect magnetic contacts for windows. This lets you block the heating or cooling in each zone once a corresponding window is opened. Alternatively, you can connect to the same input an OH/STI remote, outdoor sensor, or, a PT1000 sensor that will replace the indoor one that is already on-board the devices.

The system is also very simple to install. In fact, it features a self-configuring program which makes for simple and automatic installation that just takes a few commands from the terminal and does not require using a PC.

By fitting the GSM COM module into the system, each temperature zone can be controlled individually, even from a remote location, via simple SMSs generated by a corresponding app to download and install on one's own smartphone.

GSM COM

OH/SRE
Outdoor
sensor

TH/PLUS
Terminal

sms

OH/3RPI
Three-relay output module

OH/PF
Power-supply
filter

VAS/100MH
Power supply

TA/P1
Zone thermostats

THPLUS KIT
A quick, practical and convenient solution.

The multi-zone system is also available in a practical kit for installing a basic, three-zone system, which can be expanded at any time. The package comprises the TH/PLUS terminal, in either black or white, two TA/P1 zone thermostats, one filtered power-supply unit, plus a three-output module.

Codes and ID codes

MULTI-ZONE SYSTEMS		
67700120	THPLUSKIT WH	Multi-zone kit made up of: one, white, TH/PLUS WH multi-zone terminal two TA/P1 zone thermostats, one OH/3RPI input/output module, one VAS/1000 MH power-supply unit and one OH/PF power-supply filter.
67700130	THPLUSKIT BK	Multi-zone kit made up of: one, black, TH/PLUS BK multi-zone terminal two TA/P1 zone thermostats, one OH/3RPI input/output module, one VAS/1000 MH power-supply unit and one OH/PF power-supply filter.

ACCESSORIES TO COMPLETE THE SYSTEM *		
67100031	GSM COM	GSM telephone combiner for remotely controlling and alerting via the sending and receiving of SMS messages that are generated via the corresponding TH THermo app.
67600701	OH/3RPI	Module with three relays and three inputs. Dimensions: one, short, one-unit module for DIN guide.
67000011	OH/PF	Power-supply filter for connecting generic power supply to the Bpt home-automation bus which provides proper operation to all the devices. Dimensions: low 1-unit module for DIN rail.
67000701	VAS/100MH	Local power-supply unit. Dimensions: one, short, three-unit module for DIN rail.
67400011	OH/SRE	Remote outdoor sensor for measuring the temperature, humidity and atmospheric pressure.
67400021	OH/SRI	Indoor, remote sensor for measuring temperature and humidity levels.
67800010	OH/GEN	Module for controlling electric power. Dimensions: module with two units and DIN rail.

* N.B.: items of the CAME DOMOTIC 3.0 range. Please see our Home-Automation catalog for any additional details.

MULTI-ZONE SYSTEMS

31

TH/350

Recess-mounted, digital chronothermostat, with weekly programming

Thanks to the recess-mounting installation and its compatibility with the most popular industry-standard series it blends into any interior decorating setting and is the ideal solution for various system types.
It features two temperature-control modes: differential and integral proportional, so as to reduce the boiler switch-on times with respect to the difference between the room temperature and the set temperature. In this way it is possible to optimize consumption and keep comfort at optimum levels.
It is set up to be remotely controlled via a standard telephone combiner.

White

Silver gray

Charcoal Gray

The plaque shown in the pictures is not included in the package

Technical features

- Operated by three, LR03, 1.5V, AAA batteries
- Backlit, liquid-crystal display
- Compatible with most standard industry plaques
- Manual operation
- Installs in a standard, three-module, recess-mounting box

REMOVABLE BODY

- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS

- one TH/350 chronothermostat
- one white cover
- four adapters for the most common industry-standard plaques
- one hole-cap adapter
- one frame and two screws

DIMENSIONS

- (L x H x D) 66 x 45 x 50 mm

Functions

📅	Weekly scheduling
📊	Temperature programming on three levels
⏲	Customizable standard schedule
🃏	All-purpose program
🏖	Vacation program (manual timer)
🌡	Temperature-differential adjusting between 0° C and 9° C
PI	Proportional/Integral adjusting schedule
🌡	Temperature reading calibration
🕐	Postpone system switch-on or switch-off
🕐	Automatic power-on preview
❄	Antifreeze function
⏱	Hour counter
☎	Remote control

Fully compatible

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ
AVE	SISTEMA 44, SISTEMA 45
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (squared and round), LIGHT, LIGHT TECH, LIVINGLIGHT AIR, AXOLUTE, LUNA
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS
ABB	ELOS
LEGRAND	VELA (squared and round), CROSS

The brands Arkè, Plana, Idea and Eikon belong to VIMAR S.p.A.

The brands, Sistema 44, Sistema 45 and Banquise belong to AVE S.p.A.

The brands, Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna belong to BTicino S.p.A.

The brands, Chorus, Playbus and System belong to GEWISS S.p.A.

The Elos trademark belongs to ABB S.p.A.

The brands Vela and Cross belong to LEGRAND S.p.A.

Codes and ID codes

RECESS-MOUNTED, DIGITAL CHRONOTHERMOSTAT		
69409100	TH/350	Recess-mounted, weekly, digital chronothermostat with white cover. Operated by three, 1.5V, AAA batteries.
69480010	TH/350CS	Silver cover.
69480020	TH/350CGR	Charcoal gray cover.

TH/345

Recess-mounted, digital chronothermostat, with weekly programming

Thanks to the recess-mounting installation and its compatibility with the most popular industry-standard series it blends into any interior decorating setting. This is the ideal solution when a high degree of reliability is required, along with user-friendliness and careful design features.

White

Charcoal Gray

Technical features

- Operated by three, LR03, 1.5V, AAA batteries
- Liquid crystal display
- Compatible with most standard industry plaques
- Manual operation
- Installs in a standard, three-module, recess-mounting box

REMOVABLE BODY

- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS

- one TH/345 chronothermostat
- two adapters for standard industry series plaques
- one hole-cap adapter
- one frame and two screws

DIMENSIONS

- (L x H x D) 66 x 45 x 50 mm

Functions

📅	Weekly scheduling
📊	Temperature programming on three levels
⏲	Customizable standard schedule
🃏	All-purpose program
🏖	Vacation program (manual timer)
🌡	Temperature-differential adjusting between 0° C and 9° C
❄🌡	Antifreeze function
⏱	Hour counter

Fully compatible

VIMAR	IDEA, IDEA RONDÒ, PLANA
AVE	SISTEMA 45
BTICINO	LIVING INTERNATIONAL, LIGHT, LIGHT TECH
GEWISS	PLAYBUS

The brands Arkè, Plana, Idea and Eikon belong to VIMAR S.p.A.

The brands, Sistema 44, Sistema 45 and Banquise belong to AVE S.p.A. The brands, Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna belong to BTicino S.p.A.

The brands, Chorus, Playbus and System belong to GEWISS S.p.A.

The Elos trademark belongs to ABB S.p.A.

The brands Vela and Cross belong to LEGRAND S.p.A.

Codes and ID codes

RECESS-MOUNTED, DIGITAL CHRONOTHERMOSTATS		
69405300	TH/345 BB	Recess-mounted, weekly, digital chronothermostat with white cover. Operated by three, 1.5V, AAA batteries.
69405400	TH/345 GR	Charcoal gray, recess-mounted, weekly programming chronothermostat. Operated by three, 1.5V, AAA batteries.
68515900	TH/345 BB	White plaque for the TH/345 chronothermostat.
68516000	TH/345 GR	Charcoal-gray plaque for the TH/345 chronothermostat.

TH/600

Recess-mounted, touch-screen chronothermostat, with weekly programming

This is the cutting-edge of Bpt's recess-mounting chronothermostat range. All functions can be activated via the touch-screen display. The simple and intuitive graphic interface, makes for quick scheduling and is perfectly ergonomic to the touch. Being compatible with most standard industry series, it fits into any interior decorating context, and is ideal for various types of systems.

White

Charcoal Gray

The plaque shown in the pictures is not included in the package

Technical features

- 230 V mains power-supply
- Backlit touch-screen display
- Compatible with most standard industry plaques
- Manual operation
- Installs in a standard, three-module, recess-mounting box

PACKAGE CONTENTS
- one TH/600 chronothermostat
- one white cover
- four adapters for standard plaques
- one hole-plug adapter
- two screws

DIMENSIONS
- (L x H x D) 66 x 45 x 50 mm

Functions

📅	Weekly scheduling
	Temperature programming on three levels
	Customizable standard schedule
	All-purpose program
	Vacation program (manual timer)
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Postpone system switch-on or switch-off
	Automatic power-on preview
	Antifreeze function
	Hour counter
	Temperature-settings lock

Fully compatible

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ
AVE	SISTEMA 44, SISTEMA 45
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (squared and round), LIGHT, LIGHT TECH, LIVINGLIGHT AIR, AXOLUTE, LUNA
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS
ABB	ELOS
LEGRAND	VELA (squared and round), CROSS

The brands Arkè, Plana, Idea and Eikon belong to VIMAR S.p.A.

The brands, Sistema 44, Sistema 45 and Banquise belong to AVE S.p.A.

The brands, Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna belong to BTicino S.p.A.

The brands, Chorus, Playbus and System belong to GEWISS S.p.A.

The Elos trademark belongs to ABB S.p.A.

The brands Vela and Cross belong to LEGRAND S.p.A.

Codes and ID codes

WALL-MOUNTED, TOUCH-SCREEN CHRONOTHERMOSTAT		
69400290	TH/600 230	Recess-mounted, touch-screen chronothermostat. Powered by 230 V AC.
69480030	TH/600CS	Silver cover.
69480040	TH/600GR	Charcoal gray cover.

TH/400

Wall-mounted, weekly programmable, digital chronothermostat

The wall-mounting, the sleek lines, and the reduced clutter make it suitable for any type of system or setting. This is the ideal solution when a high degree of reliability is required, along with user-friendliness and careful design features.

Ice white

Charcoal Gray

Technical features

- Operated by three, LR03, 1.5V, AAA batteries
- Liquid crystal display
- Manual operation
- Wall-mounted or to cover standard, three-module recess-mounting boxes

REMOVABLE BODY

- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS

- one TH/400 chronothermostat
- one accessories packet

DIMENSIONS

- (L x H x D) 116 x 80 x 21 mm

Functions

📅	Weekly scheduling
	Temperature programming on three levels
	Customizable standard schedule
	All-purpose program
	Vacation program (manual timer)
	Temperature difference adjusting between 0°C and 0.9° C
	Antifreeze function
⏱	Hour counter

Codes and ID codes

69404200	TH/400 BB	White, wall-mounted, weekly, digital chronothermostat, operated by three, 1.5V, AAA batteries.
69404300	TH/400 GR	Charcoal gray, wall-mounted, weekly, digital chronothermostat, operated by three, 1.5V, AAA batteries.

WALL-MOUNTED, DIGITAL CHRONOTHERMOSTATS

TH/450

Wall-mounted, weekly programmable, digital chronothermostat

The wall-mounting, the sleek lines, and the reduced clutter (it is only 19 mm thick) make it suitable for any type of system or setting. It features two temperature-control modes: differential and integral proportional, so as to reduce the boiler switch-on times with respect to the difference between the room temperature and the set temperature. In this way it is possible to optimize consumption and keep comfort at optimum levels. It comes with two interchangeable covers. One is Ice white and the other Kristal light blue, included in the package.
It is set up to be remotely controlled via a standard telephone combiner.

Ice white

Kristal light-blue

Technical features

- Operated by three, LR03, 1.5V, AAA batteries
- Backlit, liquid-crystal display
- Two interchangeable covers; one is Ice white, the other is Kristal light-blue
- Manual operation
- Wall-mounted or to cover standard, three-module recess-mounting boxes

REMOVABLE BODY
- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS
- one TH/450 chronothermostat
- two interchangeable covers; one is Ice white, the other is Kristal light-blue

DIMENSIONS
- (L x H x D) 120 x 86 x 19.7 mm

Functions

📅	Weekly scheduling
	Temperature programming on three levels
	Customizable standard schedule
	All-purpose program
	Vacation program (manual timer)
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Postpone system switch-on or switch-off
	Automatic power-on preview
	Antifreeze function
	Hour counter
	Remote control

Codes and ID codes

WALL-MOUNTED, DIGITAL CHRONOTHERMOSTAT

69409200	**TH/450**	White, weekly programming, digital chronothermostat with white, Ice and Kristal blue, interchangeable covers. Operated by three, 1.5V AAA batteries.

TH/450 GSM

Wall-mounted, digital chronothermostat with built-in GSM and weekly programming

Besides the standard characteristics of the TH/450 model, it features a built-in GSM module for managing the temperature from any remote location via simple SMSs or via the corresponding TH Thermo APP which is available for iOS and Android.,
With the TH/450 GSm you can easily and immediately optimize consumption when your are away from your home or office.

Ice white

Kristal light-blue

Technical features

- Powered at 5V CC by three, 15.V NiCd/NiMH, AAA, rechargeable batteries (not included in the package)
- Backlit, liquid-crystal display
- Two interchangeable covers; one is Ice white, the other is Kristal light-blue
- Manual operation
- Remote controlled via SMSs or the BPT TH Thermo app.
- Wall-mounted or to cover standard, three-module recess-mounting boxes

App-BASED CONTROL
- App for iPhone*, and Android** smartphones
- Remotely controlled ambient temperature and state of operation
- Ten programmable user numbers in user index

REMOVABLE BODY
- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS
- one TH/450 chronothermostat
- two interchangeable covers; one is Ice white, the other is Kristal light-blue
- one 230 V AC - 5 V power supply unit

DIMENSIONS
- (L x H x D) 120 x 86 x 19.7 mm

Functions

📅	Weekly scheduling
	Temperature programming on three levels
	Customizable standard schedule
	All-purpose program
	Vacation program (manual timer)
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Postpone system switch-on or switch-off
	Automatic power-on preview
	Antifreeze function
	Hour counter
	Remote control
	Remote control via App

TH Thermo
APP

GET IT ON
Google play

Available on the
App Store

Codes and ID codes

WALL-MOUNTED, DIGITAL CHRONOTHERMOSTAT		
69400030	TH/450 GSM	White, weekly programming, digital, GSM chronothermostat with two interchangeable covers; one is Ice white, the other is Kristal light-blue. Power supplied via the 5V, 230V, 50/60 Hz TH/PS. Emergency battery power supplied by three NiCd/NiMH, 1.2V rechargeable AAA batteries.

TH/550 SERIES

Wall-mounted, touch-screen chronothermostat, with weekly programming

The evolved state of the Bpt, wall-mounted, thermostat range. All functions can be activated on a wide touch-screen. The simple and intuitive graphic interface, makes for quick scheduling and is perfectly ergonomic to the touch. Its wall-mountable, detailed design make it just right for any type of system or setting.

White

Black

Technical features

- Versions powered by a mains 230 V AC and versions operated by two, AA, 1.5V batteries
- Wide backlit, touch-screen display
- Available in various colors
- Manual operation
- Wall-mounted or to cover standard, three-module recess-mounting boxes

PACKAGE CONTENTS
- one TH/550 chronothermostat

DIMENSIONS
- (L x H x P) 126 x 92 x 23 mm

Functions

📅	Weekly scheduling
📅	Daily scheduling
	Temperature programming on three levels
	Customizable standard schedule
	All-purpose program
	Vacation program (manual timer)
	B&B Function
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Postpone system switch-on or switch-off
	Automatic power-on preview
	Antifreeze function
	Hour counter
	Temperature-settings lock
	Clean screen

°C ▶ H	Invert Hour/Temperature
☎	Remote control (only for for battery-operated versions)
	System excluded by magnetic contact (only for battery-operated versions)
	Outdoor sensor connections (only for battery-operated versions)

Codes and ID codes

WALL-MOUNTED, TOUCH-SCREEN CHRONOTHERMOSTATS

845AA-0010	TH/550 WH	White, wall-mounted, touch-screen chronothermostat. Operated by two, 1.5V, AA batteries.
845AA-0030	TH/550 WH 230	White, wall-mounted, touch-screen chronothermostat. Power supply 230 V AC.
845AA-0020	TH/550 BK	Black, wall-mounted, touch-screen chronothermostat Operated by two, 1.5V, AA batteries.
845AA-0040	TH/500 BK 230	Black, wall-mounted, touch-screen chronothermostat Power supply 230 V AC.

WALL-MOUNTED, DIGITAL CHRONOTHERMOSTATS

TH/550 WH WL

Radio-operated, touch-screen chronothermostat

White

All the benefits of wireless systems, plus, all the professional features of Bpt chronothermostats. All functions can be activated on a wide touch-screen. The simple and intuitive graphic interface, makes for quick scheduling and is perfectly ergonomic to the touch. Its wall-mountable, detailed design make it just right for any type of system or setting.
The ideal solution for settings where any masonry work is out of the question.

Technical features

- Operated by two, 1.5V, AA batteries
- Wide backlit, touch-screen display
- It talks with radio-based devices of Came's DOMOTIC 3.0 range, plus those of Came's burglar alarm range.
- Manual operartion
- Wall-mounted or to cover standard, three-module recess-mounting boxes

PACKAGE CONTENTS
- One TH/500 WH WL chronothermostat

DIMENSIONS
- (L x H x P) 126 x 92 x 23 mm

Functions

📅	Weekly scheduling
📊	Temperature programming on three levels
⏱	Customizable standard schedule
🤹	Jolly schedule
🏖	Vacation program (manual timer)
🌡	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
🌡	Temperature reading calibration
🕐	Postpone system switch-on or switch-off
🕐	Automatic power-on preview
❄	Antifreeze function
⏱	Hour counter
🌡	Temperature-settings lock
✋	Clean screen
°C H	Invert Hour/Temperature

Codes and ID codes

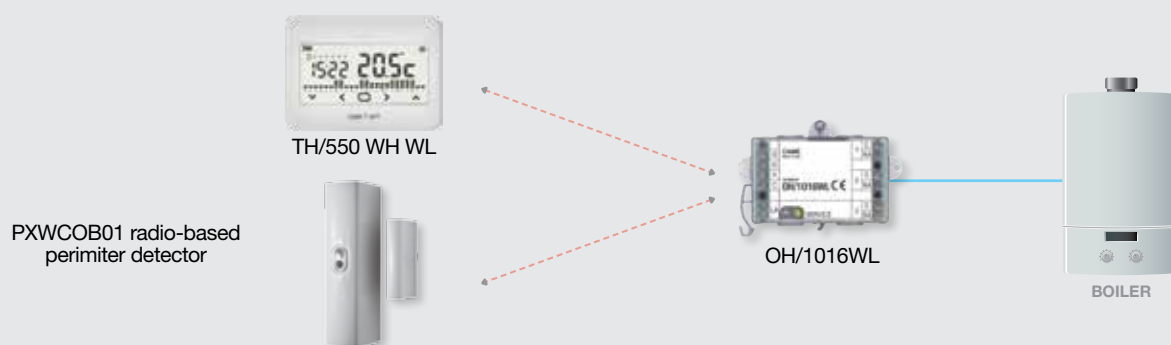| RADIO-BASED, TOUCH-SCREEN CHRONOTHERMOSTAT		
845AA-0050	TH/550 WH WL	White, radio-based, touch-screen chronothermostat. Powered by two 1.5 V AA batteries
845AA-0070	TH/550 WH WLRL	White, radio-based, touch-screen chronothermostat. Comes with the OH/1016WL remote relay module. Powered by two 1.5 V AA batteries

Examples of installation

The TH/550 WH WL talks with the radio-based output modules of the CAME DOMOTIC 3.0 home-and-building automation range for controlling boilers and zone solenoid valves fitted in heating and cooling systems. In the following example, the output contact of the OH/1O16WL module directly controls the boiler.

TH/550 WH WL

OH/1016WL

BOILER

Also, radio-based, burglar-alarm devices can be added to radio-based, temperature-control systems. This creates considerable energy savings. For example, the PXWCOB01 radio-based perimeter detector for doors and windows of Came's burglar-proof range can be coupled to the OH/1O16WL output module that is controlled by the TH/550 WH WL chronothermostat. When a window fitted with the detector is opened, the temperature control in that room will automatically be excluded to prevent wasting energy.

The same solution can be had by using the OH/DIO10WL module, for controlling modulating valves.

TH/550 WH WL

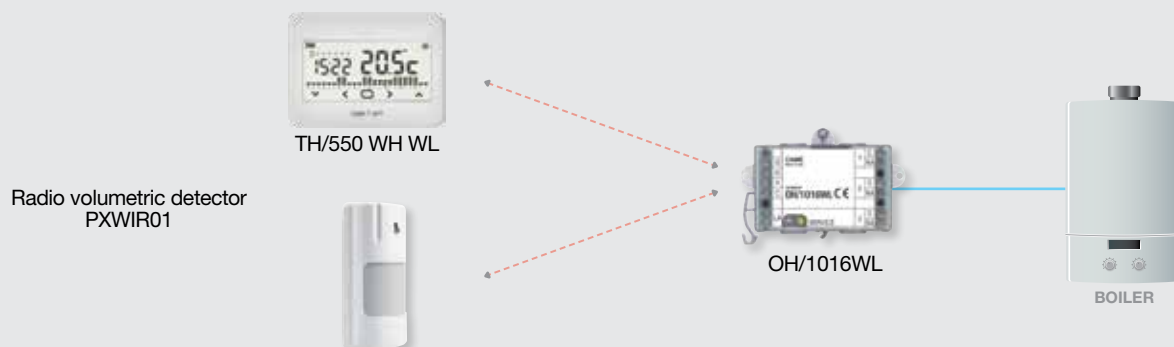PXWCOB01 radio-based
perimiter detector

OH/1016WL

BOILER

Also the PXWIR01 radio-based, volumetric detector of the burglar-alarm range can be paired up with the OH/1O16WL output module, which is controlled by the TH/500 WH WL radio-based chronothermostat. The detector picks up the presence or absence of people in the room.
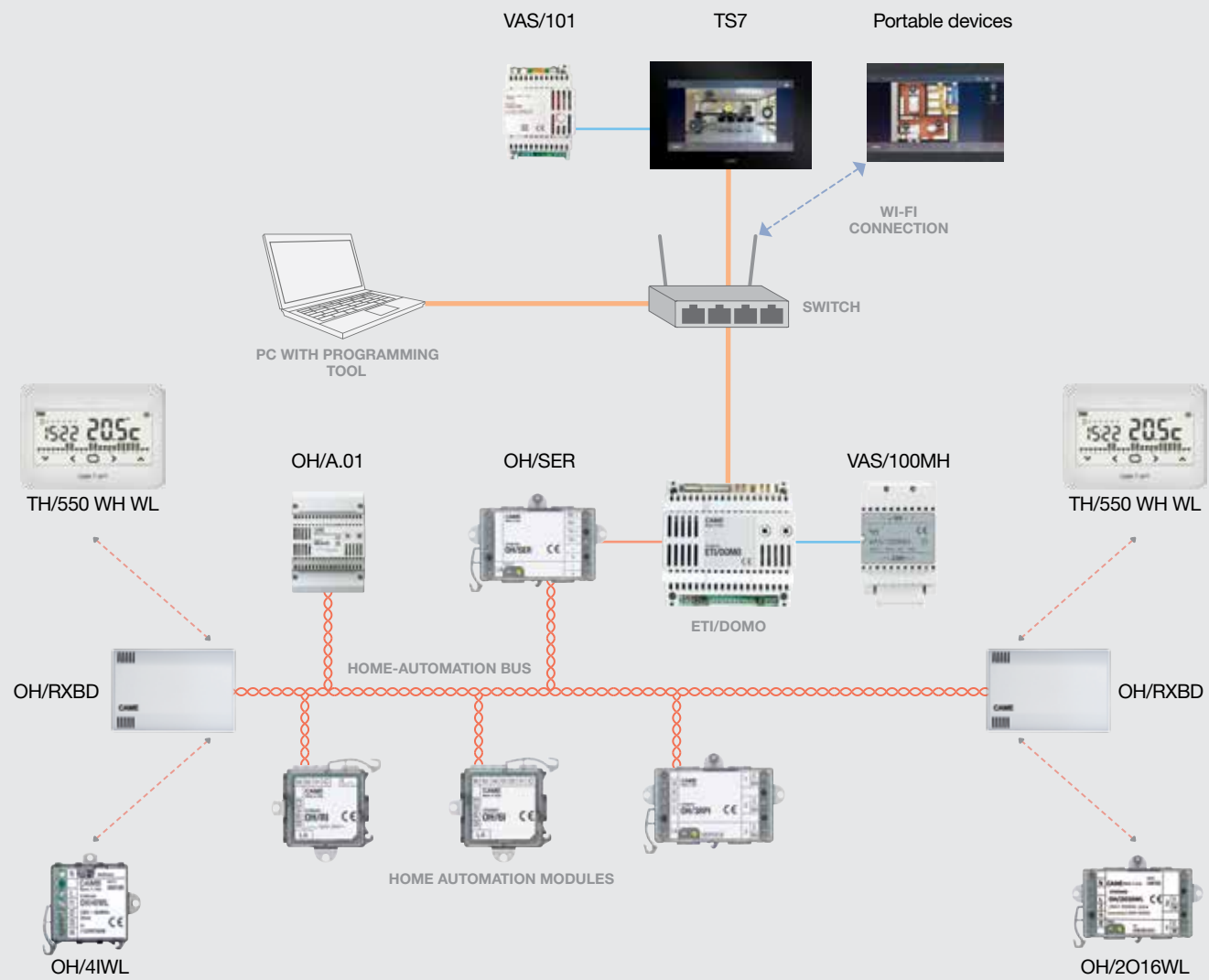After a two-hour interval since the last person detected, that is, when there are no people in the room, the chronothermostat adjusts the temperature to a preset, scheduled value. This type of application prevents useless energy loss due to heating, when no one is home.
This is required by the EN15232 regulatory standard and by the corresponding CEI 205-18 guide for obtaining an A energy-class rating. To improve the efficiency of the system, you can install several volumetric detectors.

The same solution can be had by using the OH/DIO10WL module, for controlling modulating valves.

TH/550 WH WL

Radio volumetric detector
PXWIR01

OH/1016WL

BOILER

The TH/550 chronothermostat can also integrated with the CAME DOMOTIC 3.0 home-and-building automation system and talk, thanks to the radio-based home-automation bus line, with the system's modules.

VAS/101   TS7   Portable devices

WI-FI CONNECTION

PC WITH PROGRAMMING TOOL

SWITCH

TH/550 WH WL

OH/A.01   OH/SER   VAS/100MH   TH/550 WH WL

ETI/DOMO

OH/RXBD   HOME-AUTOMATION BUS   OH/RXBD

HOME AUTOMATION MODULES

OH/4IWL   OH/2O16WL

<---------------► RADIO-BASED CONNECTION

◄---------------► WI-FI CONNECTION

TH/550 WH WIFI

Wi-Fi, touch-screen, chronothermostat

It brings together the professional characteristics of Bpt chronothermostats and the advanced functions of the WiFi connection, such as remote control and geolocation to prevent wasting energy when people are not home. All of the functions can be activated via the touch-screen display or via the corresponding THermo App. Thanks to the wide display and detailed design, it blends into any home decor style. It is the ideal solution to yield significant energy savings via automation functions.

White

Technical features

- 230 V mains power-supply
- Wide backlit, touch-screen display
- Control via the THermo App
- Wall-mounted or recess mounted with three standard modules

CONTROLLED VIA App
- Controls up to 20 chronothermostats
- Controls up to 20 different installation sites
- Geolocation
- Habit adaptive
- Gives consumption reports
- Scenario activation

PACKAGE CONTENTS
- one TH/550 WH WiFi chronothermostat
- (L x H x P) 126 x 92 x 23 mm

THermo APP

Functions

Icon	Function
	Weekly scheduling
	Temperature programming on three levels
	Customizable standard schedule
	Jolly schedule
	Vacation program (manual timer)
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Postpone system switch-on or switch-off
	Automatic power-on preview
	Antifreeze function
	Hour counter
	Temperature-settings lock
	Clean screen
	Invert Hour/Temperature
	Remote control via App

Codes and ID codes

WIFI TOUCH-SCREEN CHRONOTHERMOSTAT

845AA-0060   TH/550 WH WIFI   White, Wi-Fi, touch-screen, chronothermostat. Power supply 230 V AC.

Control via the Thermo App

The THermo app, thanks to its innovative graphic interface brings users all the typical, basic features of a chronothermostat in simple, intuitive fashion.

• Manual operation
• Automatic operation
• Jolly schedule

Greatly simplified device-programming and customizing procedures. It also features a series of advanced functions, listed below, which provide high levels of comfort and real energy-savings.

THermo
APP

Advanced functions
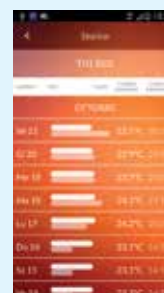
WALL-MOUNTED, DIGITAL CHRONOTHERMOSTATS

GEOLOCALIZATION

The system can detect, via the Cloud connection, the position of users that are controlling the chronothermostats via the THermo App installed on their own smartphones. Any preset scenarios can be automatically initiated when users leave their homes and when they return. When they go out, the temperature drops automatically, and when they get back home, it returns to its preset comfort level. The corresponding menu is for customizing the scenarios and the distance from the home which activates said scenarios.
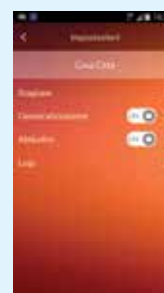

ADJUSTABLE DISTANCE FROM HOME

CONSUMPTION REPORTS

The THermo App prepares graphic maps of the set and actual temperatures, over a preset time frame. This makes for better management of the system and provides the right balance between comfort and energy savings.

HABIT ADAPTIVE

The system lets you log any variations of the preset programs during any week, and transfer the data to a temperature profile which can then be programmed into the chronothermostat.
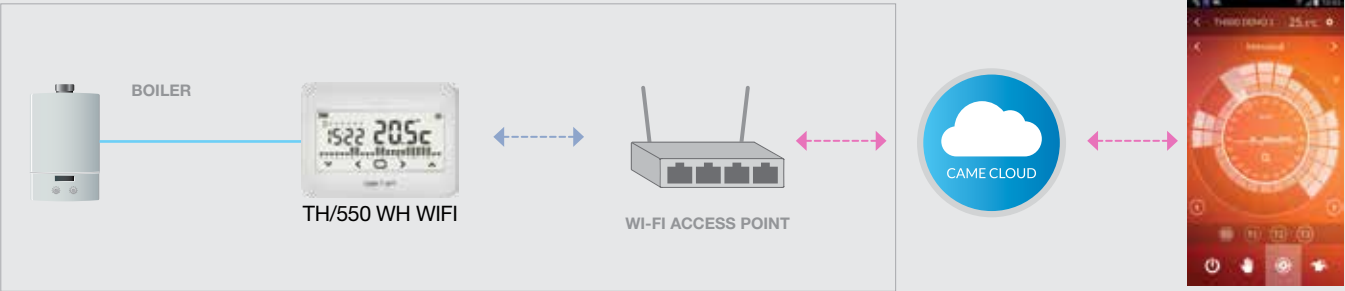

SCENARIOS

The scenarios function lets you activate either manual or preset automatic scheduling, in one or more chronothermostats.
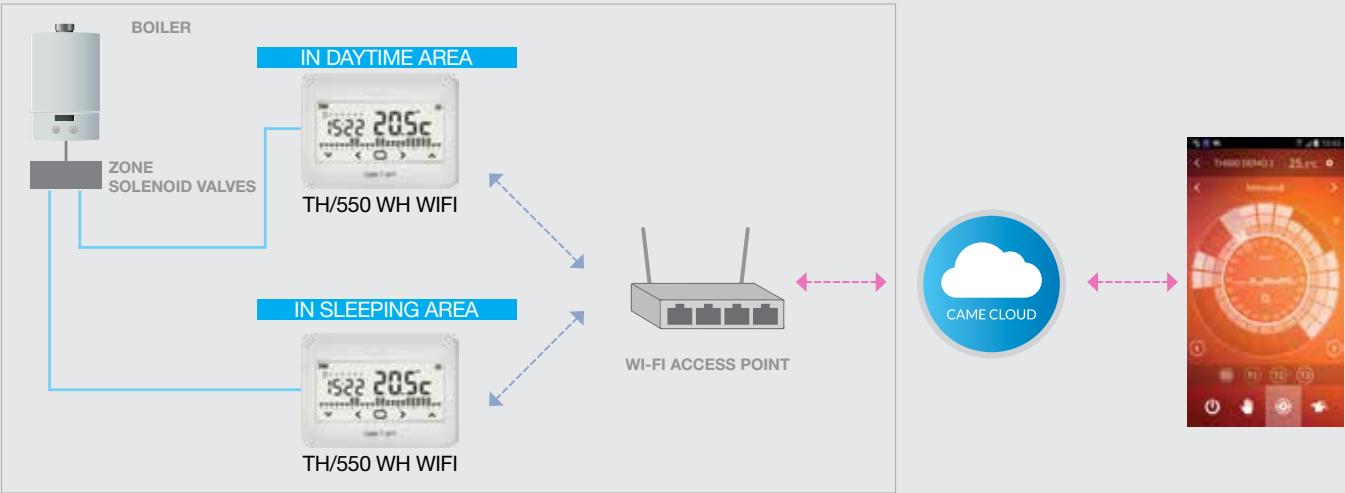
Examples of installation

Users can benefit from all of these functions thanks to the Cloud service provided by Came. This ensures that users have a simple, secure and highly reliable system to connect to, from anywhere in the world. The TH/550 includes, to this end, Came Connect technology to ensure the system's connectivity to the Cloud. All it takes is a few clicks, and users can connect to the Cloud via their own smartphones after downloading the THermo App. This provides the graphic interface for controlling the thermostat.
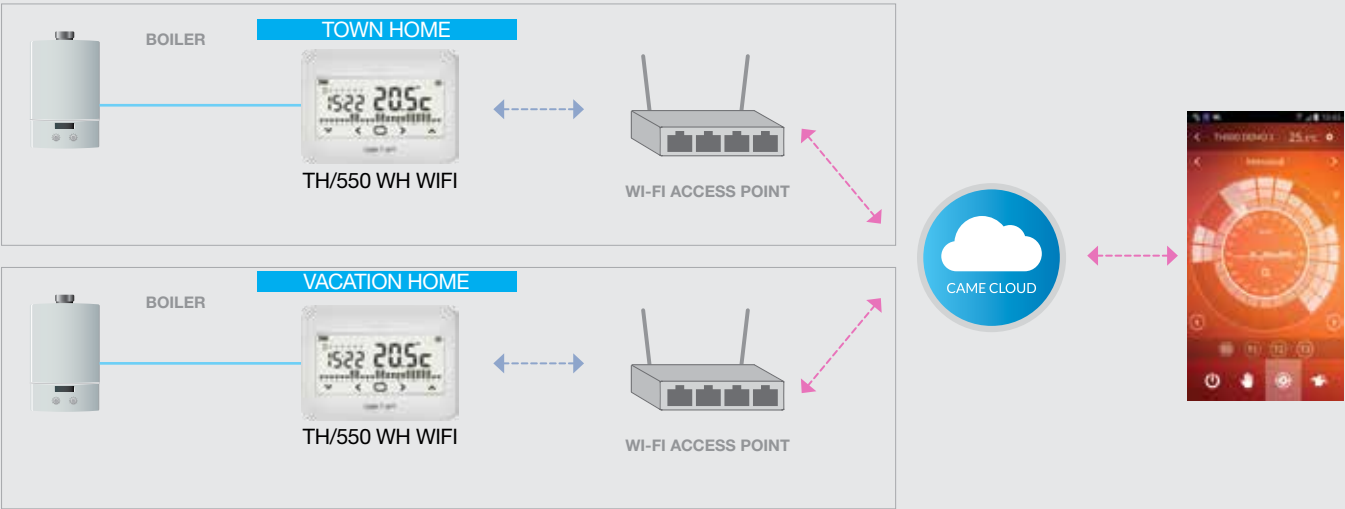
CONTROLLING A SINGLE CHRONOTHERMOSTAT

BOILER

TH/550 WH WIFI

WI-FI ACCESS POINT

CAME CLOUD

CONTROLLING UP TO 20 CHRONOTHERMOSTATS

BOILER

IN DAYTIME AREA

ZONE SOLENOID VALVES

TH/550 WH WIFI

IN SLEEPING AREA

TH/550 WH WIFI

WI-FI ACCESS POINT

CAME CLOUD

CONTROLLING UP TO 20 DIFFERENT INSTALLATION SITES

BOILER

TOWN HOME

TH/550 WH WIFI

WI-FI ACCESS POINT

BOILER

VACATION HOME

TH/550 WH WIFI

WI-FI ACCESS POINT

CAME CLOUD

DATA CONNECTION   WI-FI CONNECTION   HARDWIRED CONNECTION

WALL-MOUNTED, DIGITAL CHRONOTHERMOSTATS

TH/124

Wall-mounted, cursor-operated chronothermostat with daily scheduling

Featuring soft-touch cursors that make for simple and intuitive settings of the temperature and precise temperature adjustments. This is the ideal solution when user-friendliness and high-levels of reliability are required.
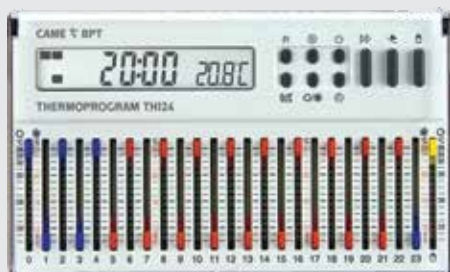

White

Charcoal Gray

THERMOPROGRAM TH124

Technical features

- Operated by three, LR03, 1.5V, AAA batteries
- Liquid crystal display
- Manual operation
- Wall-mounted or to cover standard, three-module recess-mounting boxes

REMOVABLE BODY

- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS

- one TH/450 chronothermostat
- one packet of fastening screws

DIMENSIONS

- (L x H x D) 135.5 x 82 x 33 mm

Functions

	Cursor-operated daily programming
	Selectable, preset programs
	Vacation program (manual timer)
	Temperature difference adjusting between 0°C and 0.9° C
	Hour counter

Codes and ID codes

CURSOR-OPERATED CHRONOTHERMOSTATS

69403510	TH/124.01 BB	White, wall-mounted, digital, cursor-operated, daily chronothermostat - operated by three, 1.5V, AA batteries.
69403610	TH/124.01 GR	Charcoal gray, wall-mounted, digital, cursor-operated, daily chronothermostat - operated by three 1.5V, AAA batteries.

TH/125

Wall-mounted, cursor-operated chronothermostat with daily scheduling

Featuring soft-touch cursors that make for simple and intuitive settings of the temperature and precise temperature adjustments. This is the ideal solution when user-friendliness and high-levels of reliability are required. Available in either the white or charcoal-gray version, both are fitted with three, interchangeable, orange, light-blue and white covers, which make it suitable for any setting.
It is set up to be remotely controlled via a standard telephone combiner.

White body

Orange

Arctic light-blue

White

Gray body

Orange

Arctic light-blue

White

Technical features

- Operated by three, LR03, 1.5V, AAA batteries
- Liquid crystal display
- Three white, Arctic light-blue and orange, interchangeable covers
- Manual operation
- Soft-touch cursors
- Either wall-mounted or recess-mounted

REMOVABLE BODY
- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS
- one TH/125 chronothermostat
- three, white, Arctic light-blue and orange, interchangeable covers
- one, wall-mounting frame and two screws

DIMENSIONS
- (L x H x D) 133 x 93 x 31 mm: wall-mounted
- (L x H x D) 133 x 93 x 25.5 mm: semi-recess-mounted

Functions

	Cursor-operated daily programming
	Selectable, preset programs
	All-purpose program
	Vacation program (manual timer)
	Temperature difference adjusting between 0°C and 0.9° C
	Postpone system switch-on or switch-off
	Antifreeze function
	Remote control

Codes and ID codes

CURSOR-OPERATED CHRONOTHERMOSTATS

69406700	TH/125 BB	White, wall-mounted, digital, cursor-operated, daily chronothermostat - operated by three, 1.5V, AAA batteries.
69409000	TH/125 GR	Charcoal gray, wall-mounted, digital, cursor-operated, daily chronothermostat - operated by three 1.5V, AAA batteries.

WALL-MOUNTED CURSOR-OPERATED THERMOSTATS

TA/350

Recess-mounted, digital thermostat

White

Charcoal Gray

Thanks to the recess-mounting installation and its compatibility with the most popular industry-standard series, it blends into any interior decorating setting and is the ideal solution for various system types.
It features two temperature-control modes: differential and integral proportional, so as to reduce the boiler switch-on times with respect to the difference between the room temperature and the set temperature. In this way it is possible to optimize consumption and keep comfort at optimum levels.
It is set up to be remotely controlled via a normal telephone combiner or for connecting to a magnetic contact for excluding control over an area where a window has been opened.

The plaque shown in the pictures is not included in the package

Technical features

- Operated by three, LR03, 1.5V, AAA batteries
- Liquid crystal display
- Two user profiles with selectable user-temperatures
- Compatible with most standard industry plaques
- Installs in a standard, three-module, recess-mounting box

REMOVABLE BODY

- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS

- one TA/350 thermostat
- one white cover
- four adapters for the most common industry-standard plaques
- one hole-cap adapter
- one frame and two screws

DIMENSIONS

- (L x H x D) 66 x 45 x 50 mm

Functions

	Temperature programming on three levels (COMFORT, ECO, NIGHT)
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Antifreeze function
	Hour counter
	Temperature-settings lock
	Remote control
	System excluded by magnetic contact

Fully compatible

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ
AVE	SISTEMA 44, SISTEMA 45
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (squared and round), LIGHT, LIGHT TECH, AXOLUTE, LUNA
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS
ABB	ELOS
LEGRAND	VELA (squared and round), CROSS

The brands Arkè, Plana, Idea and Eikon belong to VIMAR S.p.A.

The brands, Sistema 44, Sistema 45 and Banquise belong to AVE S.p.A.

The brands, Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna belong to BTicino S.p.A.

The brands, Chorus, Playbus and System belong to GEWISS S.p.A.

The Elos trademark belongs to ABB S.p.A.

The brands Vela and Cross belong to LEGRAND S.p.A.

Codes and ID codes

DIGITAL THERMOSTAT

69400010	TA/350	White, recess-mounted, digital thermostat. Operated by three, 1.5V, AAA batteries.
69480010	TH/350CS	Silver cover.
69480020	TH/350CGR	Charcoal gray cover.

TA/600

Recess-mounted touch-screen terminal

This is the evolution of the Bpt recess-mounted thermostat range. All functions can be activated via the touch-screen display. The simple and intuitive graphic interface, makes for quick scheduling and is perfectly ergonomic to the touch. Being compatible with most standard industry series, it fits into any interior decorating context, and is ideal for various types of systems.

White

Charcoal Gray

Technical features

- 230 V mains power-supply
- Backlit touch-screen display
- Compatible with most standard industry plaques
- Installs in a standard, three-module, recess-mounting box

PACKAGE CONTENTS
- one TA/600 thermostat
- one white cover
- four adapters for standard plaques
- one hole-plug adapter
- two screws

DIMENSIONS
- (L x H x D) 66 x 45 x 50 mm

Functions

	Temperature programming on three levels (COMFORT, ECO, NIGHT)
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Antifreeze function
	Hour counter
	Temperature-settings lock

Fully compatible

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ
AVE	SISTEMA 44, SISTEMA 45
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (squared and round), LIGHT, LIGHT TECH, LIVINGLIGHT AIR, AXOLUTE, LUNA
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS
ABB	ELOS
LEGRAND	VELA (squared and round), CROSS

The brands Arkè, Plana, Idea and Eikon belong to VIMAR S.p.A.

The brands, Sistema 44, Sistema 45 and Banquise belong to AVE S.p.A.

The brands, Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna belong to BTicino S.p.A.

The brands, Chorus, Playbus and System belong to GEWISS S.p.A.

The Elos trademark belongs to ABB S.p.A.

The brands Vela and Cross belong to LEGRAND S.p.A.

Codes and ID codes

RECESS-MOUNTED TOUCH-SCREEN THERMOSTAT

69400320	TA/600 230	Recess-mounted, touch-screen thermostat. Power supply at 230 V AC.
69480030	TH/600CS	Silver cover.
69480040	TH/600GR	Charcoal gray cover.

TA/450

Wall-mounted, digital thermostat

White

The wall-mounting, the sleek lines, and the reduced clutter (it is only 19 mm thick) make it suitable for any type of system or setting. It features two temperature-control modes: differential and integral proportional, so as to reduce the boiler switch-on times with respect to the difference between the room temperature and the set temperature. In this way it is possible to optimize consumption and keep comfort at optimum levels.
It is set up to remotely control a telephone combiner or for connecting a magnetic contact to exclude zone control in case a window is opened.

Technical features

- Operated by three, LR03, 1.5V, AAA batteries
- Liquid crystal display
- two user profiles with selectable user-temperatures
- Compatible with most standard industry plaques
- Wall-mounted or to cover standard, three-module recess-mounting boxes

REMOVABLE BODY
- The chronothermostat body may be easily extracted from the wall for making easy adjustments.

PACKAGE CONTENTS
- one TA/450 thermostat

DIMENSIONS
- (L x H x D) 120 x 86 x 19.7 mm

Functions

	Temperature programming on three levels (COMFORT, ECO, NIGHT)
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Antifreeze function
	Hour counter
	Temperature-settings lock
	Remote control
	System excluded by magnetic contact

Codes and ID codes

DIGITAL THERMOSTAT		
69400020	TA/450	White, wall-mounted, digital thermostat with Ice white cover. Operated by three, 1.5V, AAA batteries.

TA/500

Wall-mounted, touch-screen thermostat

The evolved state of the Bpt, wall-mounted, thermostat range. All functions can be activated on a wide touch-screen. The simple and intuitive graphic interface, makes for quick scheduling and is perfectly ergonomic to the touch. Its wall-mountable, detailed design make it just right for any type of system or setting.

White

Black

Technical features

- Versions powered by a mains 230 V AC and versions operated by two, AA, 1.5V batteries
- Wide backlit, touch-screen display
- Available in white and black
- Wall-mounted or to cover standard, three-module recess-mounting boxes

PACKAGE CONTENTS

- one TH/500 chronothermostat

DIMENSIONS

- (L x H x D) 140 x 92 x 24.5 mm

Functions

Icon	Function
	Temperature programming on three levels (COMFORT, ECO, NIGHT)
	Temperature difference adjusting between 0°C and 0.9° C
PI	Proportional/Integral adjusting schedule
	Temperature reading calibration
	Antifreeze function
	Hour counter
	Temperature-settings lock
	Remote controlled (only for battery-powered versions)
	System excluded by magnetic contact (only for battery-operated versions)
	Outdoor sensor connections (only for battery-operated versions)

Codes and ID codes

WALL-MOUNTED, TOUCH-SCREEN THERMOSTATS

69400250	TA/500 WH	White, wall-mounted, touch-screen thermostat. Operated by two, 1.5V, AA batteries.
69400260	TA/500 WH 230	White, wall-mounted, touch-screen thermostat Power supply 230 V AC.
69400270	TA/500 BK	Black, wall-mounted, touch-screen thermostat. Operated by two, 1.5V, AA batteries.
69400280	TA/500 BK 230	Black, wall-mounted, touch-screen thermostat. Power supply 230 V AC.

ALPHABETICAL INDEX BY
CODE

ALPHABETICAL INDEX BY
ID CODE

A GLOBAL NETWORK.

A worldwide network.
From its head offices in Dosson di Casier, (Treviso, Veneto, Italia) **CAME coordinates six production facilities in Italy, France, Spain and England, 26 commercial companies, 480 branches and distributors across 118 countries.**

AMERICAS

BRAZIL
CAME do Brasil Serviços
de Automaçao, São Paulo

CHILE
CAME PARKARE Chile, Santiago

MEXICO
CAME Automatismos
de Mexico, Mexico City
CAME PARKARE México,
México D.F.

PERU
CAME PARKARE Perù, Lima

USA
CAME Americas Automation,
Miami

AFRICA

SOUTH AFRICA
CAME BPT South Africa,
Johannesburg

![CAME]

EUROPE

ITALY
CAME S.p.A., Treviso
CAME Italia, Treviso
GO, Pordenone

BELGIUM
CAME Benelux, Lessines

CROATIA
CAME Adriatic, Kastav

FRANCE
CAME France, Paris
URBACO, Avignone

GERMANY
CAME Deutschland GmbH,
Stuttgart

IRELAND
CAME BPT Ireland, Dublin

NETHERLANDS

CAME Nederland, Breda

POLAND

CAME Poland, Warszawa

PORTUGAL
CAME Portugal, Lisbon

RUSSIA
CAME Russia, Moscow

SPAIN
CAME Spain, Madrid
PARKARE, Barcelona

UK
CAME United Kingdom, Nottingham
CAME PARKARE UK, Bristol

ASIA

INDIA
CAME India Automation
Solutions, New Delhi

U.A.E.
CCAME Gulf, Dubai

6
PRODUCTION PLANTS

26
COMMERCIAL COMPANIES

118
COUNTRIES

480
BRANCHES AND DISTRIBUTORS

trainingitalia@came.com

WHAT IS TRAINING FOR CAME?

"KNOWLEDGE IS THE ONLY WAY TO REACH YOUR GOALS".

**Paolo Menuzzo
President of CAME GROUP**

Professionals of this trade have a tough job, which always requires upgrading and updating.

Technical and product developments are not the only issues, however; you must also be up to date on regulatory standards and customer relations, as the latter are ever more demanding in terms of efficient service.

CAME proposes a series of initiatives geared for spreading knowledge about its products and services to refresh installers on new technologies and applicable laws and regulations.

Our courses are extremely practical, giving our participants, hands on knowledge which they can immediately apply.

OUR TEAM OF CERTIFIED **TRAINERS**

Exclusively made up of employees who have earned their certifications **and** have gained considerable experience in system design, sales and technical assistance.

Currently they are employed full time in training and course design of the program called
trainingitalia@came.com

To register:

Depending on your profession and working environment, you can choose a course that suits your needs.

trainingitalia@came.com provides training paths that include the schedule and location where the meetings will take place.

See an updated schedule of our technical training and regulatory standards courses on **came.com**

COURSES ON DEMAND: trainingitalia@came.com provides, on demand, structured training for specific user requests.

Access the specific training page of the came.com website

Send your request to:

trainingitalia@came.com

Call for more information at +39 0422 15 69 511 during business hours.

NOTES:

NOTES:

CAME ⫱ BPT

CAME

CAME S.P.A.
Via Martiri della Libertà, 15
31030 Dosson di Casier
Treviso - ITALY

CE

CAME.COM