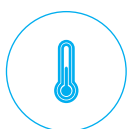


CAME
safety&comfort

bpt



THERMOREGULATION

2015/16 CATALOGUE



bpt

CAME

safety & comfort

SINCE 1972 CAME HAS BEEN PRODUCING THE WIDEST RANGE OF AUTOMATION FOR RESIDENTIAL AND INDUSTRIAL ENTRANCES, CAR PARKS AND ACCESS CONTROL, INCLUDING THE DEVELOPMENT OF HOME AUTOMATION AND SECURITY ALARM SYSTEMS

THE DIVISIONS

Looking ahead to continuous innovation, Came today boasts solid expertise in complete home control, in the field of systems for large shared environments, and the management of towns and public spaces, offering integrated solutions for all regulatory requirements and for monitoring flows and accesses.



AUTOMATION FOR ENTRANCES

VIDEO ENTRY SYSTEMS

SECURITY ALARMS AND CCTV

HOME AUTOMATION AND THERMOREGULATION

MOTORISATION OF CURTAINS AND SHUTTERS

LED LIGHTING

CAR PARKS AND STREET BARRIERS

AUTOMATIC DETERRANTS AND ACCESS CONTROL

1972 - 2015

FOR MORE THAN 40 YEARS
A LEADER IN HOME & BUILDING
AUTOMATION



ACCESS TO INNOVATION

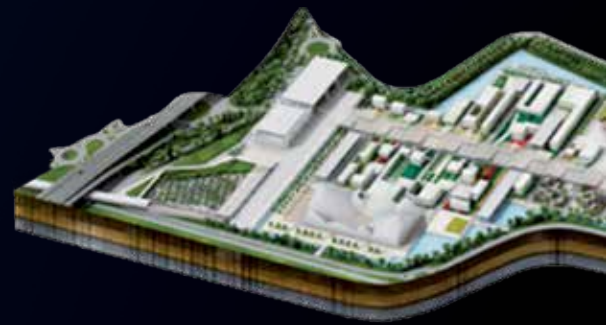
CAME MANAGES AUTOMATION SERVICES FOR THE CONTROL OF ACCESS BY VISITORS TO MILAN EXPO 2015

CAME FOR EXPO 2015

As an Official Partner of Milan Expo 2015 Came will manage the services of automation, management and control of visitor access to the Digital Smart City Expo.

In partnership with Milan Expo 2015 Came has developed an innovative access control model to monitor and regulate the automation devices for the pedestrian and vehicular entrances and the parking areas of the exhibition site.

Thanks to its expertise that is recognised worldwide and its total commitment to the project, Came will be a reliable, skilled partner capable of offering all those taking part the best technologies for controlling, managing and activating visitor access to all the exhibition sites.



GATE 1

MANAGING COMPLEXITY

The access control system for Milan Expo 2015 has been designed to manage:

- - 20 million visitors
- - daily peaks of 250,000 people entering
- - peaks of 150,000 people entering in the first 2 hours after opening.

CAME FOR EXPO 2015



25
GATE
AUTOMATIONS



250
AUTOMATIC
TURNSTILES



80
AUTOMATIC
DETERRENTS



10
VEHICLE
ENTRANCES



28
AUTOMATIC
STREET
BARRIERS



100
PALMTOPS



GATE 2



GATE 4



GATE 3



SYSTEM FOR READING TICKETS

All Came's know-how at the service of Milan's Digital Smart City. XVia is much more than a simple tripod turnstile: it's a new way of managing and controlling entries that, due to its permanent connection to the Ethernet network, enables real-time control of all the system's functionalities.



MULTI TICKETING SYSTEM

7" DISPLAY.
INTUITIVE
GRAPHICS
INTERFACE.
BUILT-IN
ETHERNET
CONNECTION.

Designed to be integrated into large-scale access control projects, the latest-generation XVia turnstile brings together aesthetic research and technological innovation, guaranteeing the management of high flows.



PRINT



QR CODE



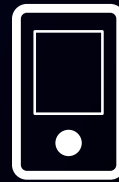
RFID



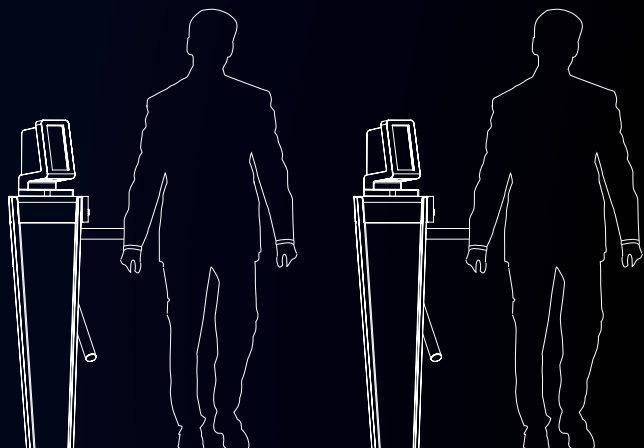
ITINERO



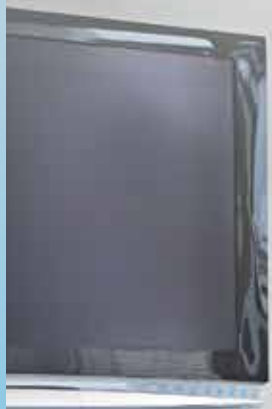
NFC CREDIT
CARD
CONTACTLESS



NFC MOBILE
PHONE



A SYSTEM DESIGNED FOR LIVING IN PERFECT COMFORT



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12	THE TEMPERATURE REGULATOR
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THE TEMPERATURE CONTROLLER

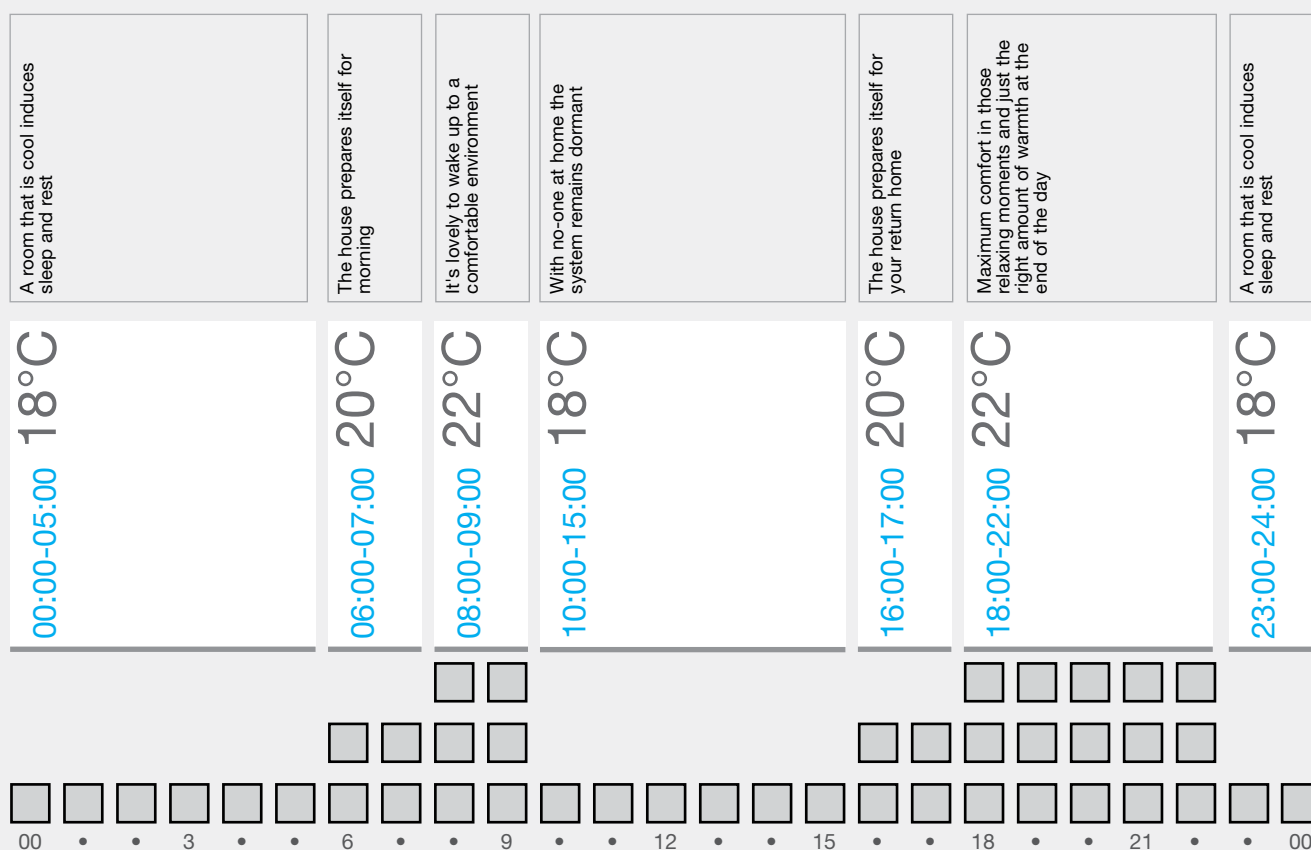
The temperature controller is an electronic device capable of controlling environmental temperature maintaining it at the level set by the user.

Ambient temperature measurement by means of climatic sensors permit the temperature controller to determine the start-up and shut-down of heating/cooling control devices. Once a desired temperature is reached, it is maintained at a constant level.

The thermal control of an environment can be achieved by means of two types of temperature controllers: the thermostat, which maintains a constant set temperature up to and until a possible variation determined by the user; the programmable thermostat, which combines the functions of a clock with those of a thermostat thus allowing for hourly temperature regulation throughout the day, activating the heating system if and when the temperature drops thereby avoiding energy wastage.

The most comfortable temperature every hour of day

A thermostat makes your life more comfortable by intelligently adjusting the heating and air conditioning system. At night the temperature drops making the climate more suitable for sleeping; in the morning the system turns before the alarm sounds, so you start your day pleasantly warm; in the hours when you are not at home the system turn off avoiding wasted energy; turns it back again before your return ensuring a warm environment throughout the evening. If you go on holiday the system stays turned off throughout the day; making it operate in this way for as long as needed. At any time you can establish new operational criteria with the greatest of ease.



THE RANGE

Digital programmable thermostats

They allow the personalisation of 3 temperature levels throughout the week. A pre-memorised programme allows for immediate use. The display provides information about programming, system operating status, time and temperature.



TH/350 weekly



TH/345 weekly



TH/300 weekly



TH/450 GSM weekly



TH/450 weekly



TH/400 weekly

RECESSED FITTING

WALL MOUNTING



TH/600 weekly

RECESSED TOUCH SCREEN



TH/500 weekly

WALL-MOUNTED TOUCH SCREEN

Digital thermostats

Digital thermostats that are suited to all types of installations featuring differing thermal inertias. They allow programming at three different temperature levels and remote control of the heating and air conditioning system start-up and shut-down as necessary. They also offer a magnetic switch activated system bypass function which causes the system to turn off whenever doors or windows are opened. This helps to reduce power consumption and waste.



TA/350

RECESSED FITTING



TA/450

WALL MOUNTING



TA/600

RECESSED TOUCH SCREEN



TA/500

WALL-MOUNTED TOUCH SCREEN

Programmable thermostats with sliders

BPT's exclusive system permits rapid and intuitive programming by means of sliders that determine the desired temperature for every hour of the day. A digital display shows the current hour and temperature.



TH/125 daily



TH/124 daily

WALL MOUNTING

Programmable thermostats with radio link

The technology of digital thermostats, combined with the simplicity of wireless installation, represent the ideal solution for temperature control in any environment in an easy and non-invasive way, with no need for building work.



TH/500 WH WL weekly

WALL MOUNTING

THE MULTIZONE TEMPERATURE REGULATION SYSTEM

A classic temperature control system, managed by individual thermostats or timers, is not always practical for managing the climate in the home. In some circumstances a little more than that is required. In the case of homes that are larger in size or over several floors there is often the need to set the required climate for each environment with different temperatures at different times of day, in order to guarantee comfort and avoid wasteful use of energy. These cases call for an advanced temperature regulation system that can split the house up into "thermal zones" and enable management of each individual environment with a dedicated program, monitoring the temperature via specific sensors installed in each room. This is the Multizone system, made up of a TH/PLUS Touch Screen terminal that commands a group of devices connected by a bus network and from which up to 8 different thermal zones of the home/office can be managed. A technological system that's simple to install, can be managed remotely by app and SMS, has pre-set programs or can be completely customised by the user.

Bpt's Multizone system: thermal management of all the areas of the home from a single control terminal.



THE RANGE

Multizone control terminals

Allow 8 thermal zones to be controlled, one of which is managed by the terminal itself. Communicate directly with thermostats and temperature sensors, and control zone solenoid valves via suitable relay output modules. The system's components are connected by means of a field bus with unpolarised two-wire connection. Allow a temperature program to be set for each day of the week for each thermal zone. Available in black or white.



TH/PLUS WH



TH/PLUS BK

Sensors and thermostats

Measure the temperature of the area in which they are installed and send it to the control terminal. Thermostats, unlike sensors, also allow local control, i.e. control apart from the terminal, of the zone concerned. Sensors detect ambient humidity as well as temperature, and display it on the terminal. They are both equipped with an input to which a magnetic window release contact can be connected. This makes it possible to turn off the thermal zone in the event of the window being open.

TA/P1
ThermostatOH/SRI
Temperature and humidity
sensor

Accessories

The system is completed by relay output modules that permit the zone solenoid valves and the power supply unit to be controlled with the correct filter for the power supply of all the devices in use.

OH/3RPI
Module with 3 relay outputsOH/PF
Power supply
filterVAS/100MH
Power supply

Note:

The system uses sensors, thermostats and accessories from the home automation system "Came Domotic 3.0". For more details about the components that can be used consult the Temperature control chapter of the home automation catalogue.

FUNCTIONS OF TEMPERATURE CONTROL

1



WEEKLY PROGRAMMING

For every day of the week the programmable thermostat allows the choice between manual adjustment and bypassing the system.

2



DAILY PROGRAMMING USING SLIDERS

The exclusive slider system, displayed as programmed temperature levels, allow immediate degree by degree temperature adjustment.

3



TEMPERATURE PROGRAMMING ON 3 LEVELS

It is possible to set a different temperature level for every hour of every day, of every day, of the week (max. 3 levels). A different value can be assigned to each of the 3 available levels.

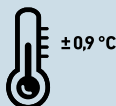
7



HOLIDAY (MANUAL TIMER) PROGRAMME

Permits the setting of a fixed temperature for a few hours or a few days (for example, to maintain a comfortable temperature during unforeseen visits or to set a frost protection temperature during winter absences).

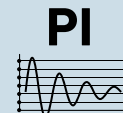
8



THERMAL DIFFERENTIAL ADJUSTMENT.

This control system is recommended for installations that are particularly difficult to control such as those that experience extreme variations in external temperature. It guarantees maximum benefit from the installation with minimum energy consumption. In order to adapt the system to installations that feature differing thermal inertias (convector heaters, underfloor heating, electric heaters) the temperature differential can be set between 0.1°C and 0.9°C

9



PROPORTIONAL/INTEGRAL REGULATION PROGRAMME

Allows for energy consumption optimisation with maximum room comfort thus reducing boiler operating times based on the difference between the set temperature and the room temperature. The smaller the difference between these temperatures the shorter the boiler ignition time will be compared to previously. Setting these parameters is made easier thanks to the 3 pre-defined programmes and the programme that can be activated manually.

4



CUSTOMISABLE STANDARD PROGRAMMING

Thanks to the standard pre-defined programmes in permanent memory (heating and cooling) the programmable thermostat is supplied ready for use. These programmes can be modified as required and can be returned to their factory settings at any time. Thanks to a broad range of functions and add-on programmes (manual and frost protection timer adjustable up to 99 hours or days and an all-purpose program) the device is adaptable to every situation.

5



PRE-DEFINED SELECTABLE PROGRAMMES

Allow pre-defined heating and cooling programmes to be selected.

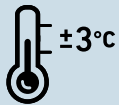
6



ALL-PURPOSE PROGRAMME

A customised and saved automatic programme that can be activated at any time of the day up until midnight or up until its deactivation. Activation of the all-purpose programme can be set for any day of the week and will remain in operation for the rest of that day.

10



TEMPERATURE MEASUREMENT CALIBRATION

If the TH is not properly installed (e.g. situated near a heat source), temperature measurement may be incorrect or may not correspond to the actual temperature. To solve this problem, it is possible to calibrate the temperature reading to within $\pm 3^{\circ}\text{C}$ and in so doing optimise comfort and consumption.

11



SYSTEM START-UP AND SHUT-DOWN DELAY PERIOD

Allows the programmable thermostat to delay the switching on or off of the system by 15, 30 or 45 minutes to achieve more accurate management of room comfort and optimum consumption.

12



ADVANCE AUTOMATIC SWITCH-ON

Allows the programmable thermostat to adapt itself with the aim of obtaining the desired temperature at precisely the correct time.

FUNCTIONS OF TEMPERATURE CONTROL

13



FROST PROTECTION FUNCTION

Even if proportional-integral operating mode has been selected, in anti-frost mode the temperature set for heating mode will be maintained but with differential control only.

14



COUNTER

A counter provides a way of registering a system's accumulated operating hours.

15



TEMPERATURE SET-POINT ADJUSTMENT BLOCKING.

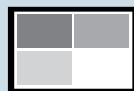
Allows for the blocking of the programming of temperature set-points thus avoiding accidental changes to settings. Using this feature the user is free to select one of three pre-programmed levels without having the option to change them.

19



EXTERNAL SENSOR CONNECTION

An external sensor can be connected, to optimise temperature control.



MULTIZONE

Allows various thermal zones to be managed with customisable temperature programs in order to achieve maximum ambient comfort.



INTUITIVE INTERFACE

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

16



REMOTE SYSTEM CONTROL

By connecting a telephone dialler to the system it is possible to either remotely activate a timer-based manual programme or force the device into manual operating mode.

17



REMOTE SYSTEM CONTROL VIA APP

Via the TH Thermo App you can remotely control or change the room temperature and the device's operating status.

18



SYSTEM DEACTIVATION BY MEANS OF MAGNETIC SWITCH

It is also possible to force temperature control bypassing via the use of a magnetic window switch connected to the relevant terminals. This helps to avoid wasted energy.

CAME DOMOTIC 3.0

HOME AUTOMATION

The device can be integrated with the CAME DOMOTIC 3.0 home automation system, which shares the field bus.

GUIDE TO THE CHOICE OF PROGRAMMABLE THERMOSTATS

DIGITAL



	REF.	RECESSED FITTING	
		TH/350	TH/345
PROGRAMMABLE THERMOSTATS			
Digital programmable thermostats		●	●
Programmable thermostats with radio link			
Weekly programming	1	●	●
Recessed installation		●	●
Wall-mounted installation			
Backlit display		●	
Liquid crystal display		●	●
Interchangeable front covers included		●	
Compatibility with domestic installation switch front plates		●	●
Heating/air conditioning programme		●	●
All-purpose programme	6	●	●
Holiday (manual timer) programme	7	●	●
Proportional/integral adjustment programme	9	●	
Temperature measurement calibration	10	●	
Temperature programming on 3 levels	3	●	●
Manual adjustment		●	●
Hour counter	14	●	●
Automatic system start-up advance	12	●	
System start-up and shut-down delay period	11	●	
Frost protection function	13	●	●
External sensor connection	19		
Temperature set-point Adjustment Blocking.	15		
Customisable standard programming	4	●	●
Removable body			
Extractable body		●	●
System deactivation by means of magnetic switch	18		
Thermal differential adjustment.	8	from $\pm 0.1^{\circ}\text{C}$ to $\pm 0.9^{\circ}\text{C}$	from $\pm 0.1^{\circ}\text{C}$ to $\pm 0.9^{\circ}\text{C}$
Remote system control	16	●	
App based remote control	17		
Battery status		●	●
Battery power supply		3 AAA	3 AAA
230 Vac power supply			
Dimensions in mm (W x H x D)		66 x 45 x 50	66 x 45 x 50

NOTE: * battery versions only

GUIDE TO THE CHOICE OF PROGRAMMABLE THERMOSTATS

SLIDER



REF.

WALL MOUNTING

TH/125

TH/124

PROGRAMMABLE THERMOSTATS

Digital thermostats			
Programmable thermostats with sliders		●	●
Daily programming using sliders	2	●	●
Pre-defined selectable programmes	5	●	●
Recessed installation			
Wall-mounted installation		● **	●
Backlit display			
Liquid crystal display		●	●
Interchangeable front covers included		●	
Compatibility with domestic installation switch front plates			
Heating/air conditioning programme		●	●
All-purpose programme	6	●	
Holiday (manual timer) programme	7	●	●
Proportional/integral adjustment programme	9		
Temperature measurement calibration	10		
Temperature programming on 3 levels	3		
Manual adjustment		●	●
Hour counter	14		●
System start-up and shut-down delay period	11	●	
Frost protection function	13	●	
External sensor connection	19		
Temperature set-point Adjustment Blocking.	15		
Removable body		●	●
Extractable body			
System deactivation by means of magnetic switch	18		
Thermal differential adjustment.	8	from $\pm 0.1^{\circ}\text{C}$ to $\pm 0.9^{\circ}\text{C}$	from $\pm 0.1^{\circ}\text{C}$ to $\pm 0.9^{\circ}\text{C}$
Remote system control	16	●	
Battery status		●	●
Battery power supply		3 AAA	3 AA
230 Vac power supply			
Dimensions in mm (W x H x D)		133 x 93 x 25.5	135.5 x 82 x 33

NOTE: * battery versions only - ** or semi recessed

TH/PLUS

Multizone terminal with touch screen display

Allows control of 8 thermal zones, one of which is managed directly, ensuring adequate comfort and optimised energy consumption. Using the system bus, it communicates directly with the thermostats, temperature sensors, and control zone solenoid valves via suitable relay output modules. All functions can be activated via the large colour touch screen display (16/9 4.3"). The simple and intuitive graphic display enables immediate programming and guarantees optimal and ergonomic use. Wall-mounted installation and accurate design, down to the last detail, make this ideal for all types of system and environment.



White



Black





Technical Features

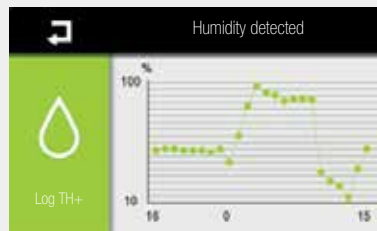
- Power supply: direct from bus
- Consumption: 100 mA
- Manages a maximum of 8 thermal zones
- Terminal acts as zone thermostat
- Displays temperature and humidity log
- Displays daily, weekly and monthly energy consumption log (if connected to OH/GEN module)
- Displays atmospheric pressure and meteorological trend (if connected to OH/SRE sensor for external use)
- Displays comfort index
- Controls humidity via dedicated output
- Automatically changes to and from daylight savings time
- Defines thermal profile with temperature that can be adjusted to the desired value every 15 minutes
- Self-configures the system from the terminal (without the use of PC tool)
- Possibility of having more than one TH/Plus terminal on the same system
- Wall-mounted installation, or in a recessed cabinet, 3-module standard

DIMENSIONS

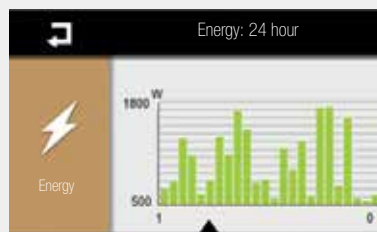
- (L x H x D) 166 x 112 x 25.6 mm: wall

Functions

- Weekly programming
- Customisable standard programming
- All-purpose programme
- Holiday (manual timer) programme
- Thermal differential adjustment from 0° C to 2° C
- Proportional/integral adjustment programme
- Temperature measurement calibration
- Frost protection function
- Hour counter
- Temperature set-point Adjustment Blocking
- App based remote control
- System disable via magnetic contact
- External sensor connection (battery versions only)
- Multizone
- Intuitive interface
- CAME DOMOTIC 3.0 home automation



Example screen humidity log



Example screen energy consumption log



For operation via Android™ smartphone you need to download the free TH Thermo app from Google Play.

The Android logo is a creative brand stylisation created and distributed by Google and used according to the terms described in the Creative Commons Attribution License 3.0.

Items and codes

RECESSED MULTIZONE TERMINALS

TH/PLUS WH **67200070**

Multizone terminal with Touch Screen display to manage 8 thermal zones, one of which is managed directly from the terminal. Colour - white.

TH/PLUS BK **67200090**

Multizone terminal with Touch Screen display to manage 8 thermal zones, one of which is managed directly from the terminal. Colour - black.

TA/P1

Zone thermostat with direct connection on system bus.

Allows the temperature of the zone in which it is installed to be controlled. Dialogues directly with the TH/PLUS terminal via the system bus. Designed with various operating modes to optimise consumption and maintain ideal comfort levels.

Thanks to the recessed installation and compatibility with the most common domestic installation front plates, it can be integrated in all furnishing settings and represents the ideal solution for a wide range of systems.



White



Gray



Anthracite grey



The ornamental front plate illustrated is not included in the package



Technical Features

- Power supply: direct from bus
- Consumption: 8 mA
- Back-lit LCD display
- Compatible with the most common domestic installation front plates
- 3 interchangeable front covers in white, Anthracite grey and Silver
- Operating modes:
 - Automatic. Control according to thermal profile set on the terminal
 - Manual. It is possible to modify the temperature of a programmable value set on the terminal (e.g. +/- 2° C)

- Installation in recessed cabinet, 3-module standard

PACKAGE CONTENTS

- TA/P1 thermostat
- 3 interchangeable front covers in white, Anthracite grey and Silver
- 4 adaptors for most common domestic installation front plates
- 1 hole blanking adapter
- 1 back-box and 2 screws

DIMENSIONS

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

Functions

-  Weekly programming
-  Customisable standard programming
-  All-purpose programme
-  Holiday (manual timer) programme
-  Thermal differential adjustment from 0° C to 2° C
-  Proportional/integral adjustment programme
-  Temperature calibration
-  Frost protection function
-  Hour counter
-  Temperature set-point adjustment blocking
-  App based remote control
-  System disable via magnetic contact
-  External sensor connection (battery versions only)
-  CAME DOMOTIC 3.0 home automation



For operation via Android™ smartphone you need to download the free TH Thermo app from Google Play.



MAXIMUM COMPATIBILITY

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ	The trade names Arkè, Plana, Idea and Eikon are the property of Vimar S.p.A.
AVE	SISTEMA 44, SISTEMA 45	The trade names Sistema 44, Sistema 45 and Banquise are the property of AVE S.p.A.
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (square and round), LIGHT, LIGHT TECH, AXOLUTE, LUNA	The trade names Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna are the property of Bticino S.p.A.
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS	The trade names Chorus, Playbus and System are the property of Gewiss S.p.A.
ABB	ELOS	The trade name Elos is the property of ABB S.p.A
LEGRAND	VELA (square and round), CROSS	The trade names Vela and Cross are the property of Legrand S.p.A

Items and codes

RECESSED MULTIZONE TERMINAL *

TA/P1	67200081	Zone thermostat, direct connection on system bus, 3 interchangeable covers in white, anthracite grey and silver included.
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* NOTE: article in the range CAME DOMOTIC 3.0

SYSTEM ARCHITECTURE

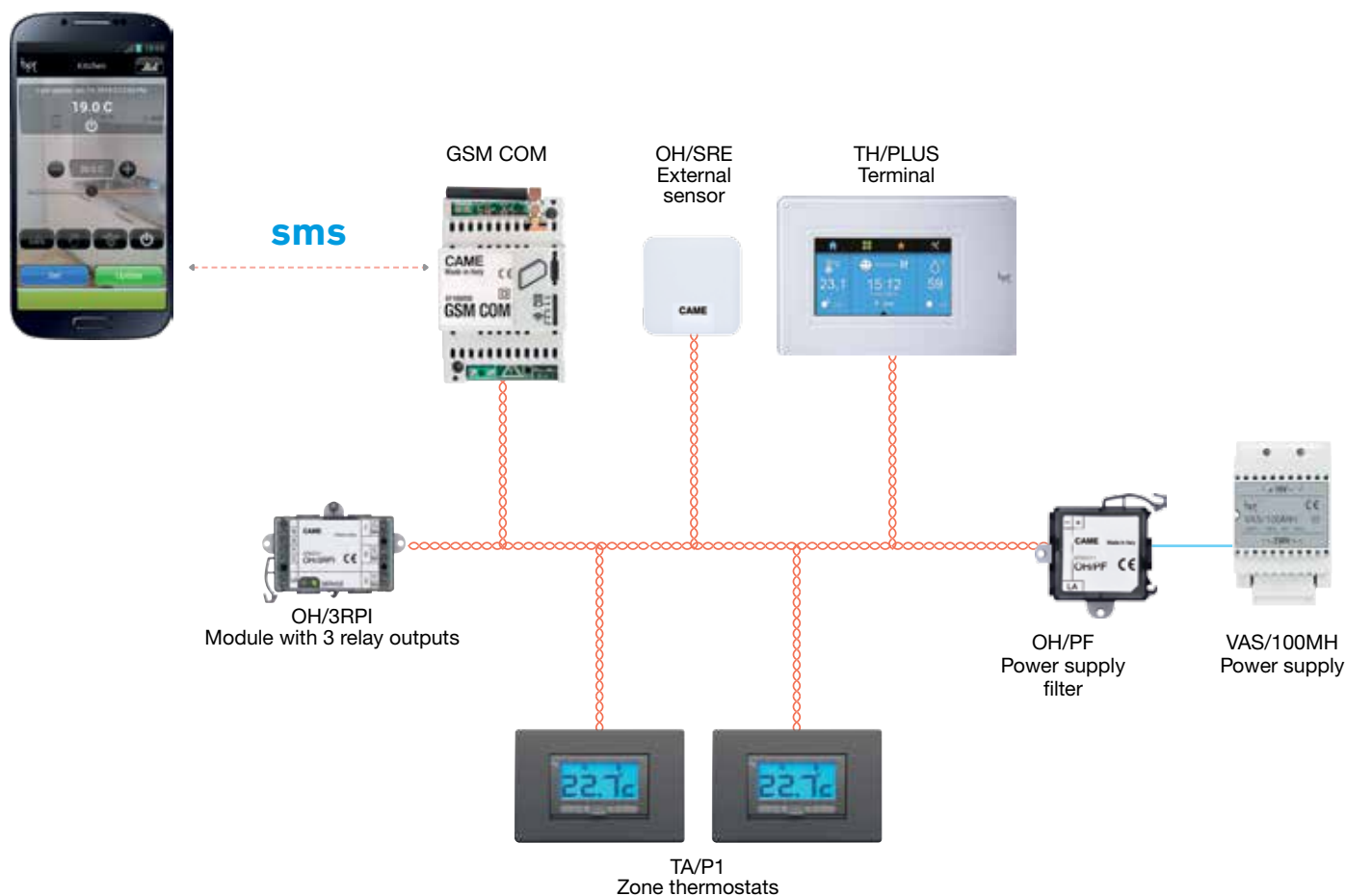
The temperature control system created with TH/PLUS gives you control of 8 thermal zones; one controlled directly from the terminal (through the latter's special on-board temperature and humidity sensor), the others through TA/P1 zone thermostats or OH/SRI indoor sensors. OH/SRE sensors for installation outside the home can also be connected so that you can view the external temperature, humidity, atmospheric pressure and atmospheric trend. All the devices are connected to the terminal via the system bus.

Each zone thermostat measures the temperature of the room in which it is installed and sends the information to the terminal which, based on the temperature program set by the user, sends control messages to the output modules to activate the zone solenoid valves. You can set a customised OH programme for each day of the week for each thermal zone.

The TH/PLUS terminal, TA/P1 thermostats and OH/SRI sensors have an input to which magnetic contacts for windows can be connected, so that the heating or cooling of a single zone can be blocked when the relative window is opened. Alternatively, the remote external OH/STI sensor (or a PT1000 sensor) can be connected to the same input, to replace the internal sensor of the devices themselves.

The system is also extremely simple to install. In fact it has a self-configuration program that makes installation simple and automatic with just a few commands from the terminal (without using a PC).

By adding a GSM COM module to the system, each thermal zone can also be controlled individually remotely through simple SMSs generated by the special App that can be installed on your smartphone.



THPLUSKIT

A fast, convenient, practical solution.

The multizone system is also available in a practical kit for installing a basic 3-zone system, which can be expanded at any time. The pack contains the TH/PLUS terminal, available in black or white, 2 TA/P1 zone thermostats, a power supply unit with power supply filter and a 3-output module.



Items and codes

MULTIZONE SYSTEMS

THPLUSKIT WH	67700120	Multizone kit made up of: 1 TH/PLUS WH white multizone terminal, 2 TA/P1 zone thermostats, 1 OH/3RPI input/output module, 1 VAS/100MH power supply unit and 1 OH/PF power supply filter.
THPLUSKIT BK	67700130	Multizone kit made up of: 1 TH/PLUS BK black multizone terminal, 2 TA/P1 zone thermostats, 1 OH/3RPI input/output module, 1 VAS/100MH power supply unit and 1 OH/PF power supply filter.

ACCESSORIES TO COMPLETE THE SYSTEM *

GSM COM	67100031	GSM telephone dialler for remote control and messaging by sending and receiving SMS messages generated via the TH Thermo App.
OH/3RPI	67600701	3-relay, 3-input module. 1 unit low-level module dimensioned for DIN rail.
OH/PF	67000011	Network filter for the connection of a generic power supply to the BPT home automation bus for correct operation of all devices. 1 unit low-level module dimensioned for DIN rail.
VAS/100MH	67000701	Local power supply unit. 3 unit low-level module dimensioned for DIN rail.
OH/SRE	67400011	Remote sensor for external use to measure temperature, humidity and atmospheric pressure.
OH/SRI	67400021	Remote sensor for indoor use to measure temperature and humidity.
OH/GEN	6780010	Electrical energy management module 2 unit module dimensioned for DIN rail.

* NOTE: articles in the range CAME DOMOTIC 3.0; for all details consult the home automation catalogue.

TH/350

Recessed digital programmable thermostat, weekly programming

Thanks to the recessed installation and compatibility with the most common domestic installation front plates, it can be integrated in all furnishing settings and represents the ideal solution for a wide range of systems. Features two temperature control modes: proportional integral and differential designed to reduce the number of boiler ignition cycles in relation to difference between the room temperature and the set value. It is thus possible to optimise energy consumption while at the same time maintaining high levels of comfort.

Also designed with option of remote control via a normal telephone dialler.



White



Silver



Anthracite grey





Technical Features

- Powered by 3 penlight (AAA LR03) 1.5V batteries.
 - Back-lit LCD display
 - Compatible with the most common domestic installation front plates
 - 3 interchangeable front covers in white, Anthracite grey and Silver
 - Manual operation
 - Installation in recessed cabinet, 3-module standard
- REMOVABLE BODY**
- The body of the thermostat can be extracted from the wall to make adjustments easier.

Functions

	Weekly programming
	Temperature programming on 3 levels
	Customisable standard programming
	All-purpose programme
	Holiday (manual timer) programme
	Thermal differential adjustment from 0° C to 0.9° C
	Proportional/integral adjustment programme
	Temperature measurement calibration
	System start-up and shut-down delay period
	Automatic system start-up advance
	Frost protection function
	Hour counter
	Remote system control

PACKAGE CONTENTS

- 1 TH/350 programmable thermostat
- 3 interchangeable front covers in white, Anthracite grey and Silver
- 4 adaptors for most common domestic installation front plates
- 1 hole blanking adapter
- 1 back-box and 2 screws

DIMENSIONS

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



MAXIMUM COMPATIBILITY

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ	The trade names Arkè, Plana, Idea and Eikon are the property of Vimar S.p.A.
AVE	SISTEMA 44, SISTEMA 45	The trade names Sistema 44, Sistema 45 and Banquise are the property of AVE S.p.A.
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (square and round), LIGHT, LIGHT TECH, LIVINGLIGHT AIR, AXOLUTE, LUNA	The trade names Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna are the property of Bticino S.p.A.
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS	The trade names Chorus, Playbus and System are the property of Gewiss S.p.A.
ABB	ELOS	The trade name Elos is the property of ABB S.p.A.
LEGRAND	VELA (square and round), CROSS	The trade names Vela and Cross are the property of Legrand S.p.A.

Items and codes

DIGITAL PROGRAMMABLE THERMOSTATS - RECESSED FITTING,

TH/350

69409100

Weekly digital programmable thermostat, recessed fitting, 3 interchangeable front covers in white, Anthracite grey, Silver, powered by 3 x 1.5 V (AAA) batteries.

TH/345

Recessed digital programmable thermostat, weekly programming

Thanks to the recessed installation and compatibility with the most common domestic installation front plates, it can be integrated in all furnishing settings and represents the ideal solution where high reliability, simplicity of use and accurate design is required.



White











Anthracite grey





Functions

-  Weekly programming
-  Temperature programming on 3 levels
-  Customisable standard programming
-  All-purpose programme
-  Holiday (manual timer) programme
-  Thermal differential adjustment from 0° C to 0.9° C
-  Frost protection function
-  Hour counter

Technical Features

- Powered by 3 penlight (AAA LR03) 1.5V batteries.
 - Liquid crystal display
 - Compatible with the most common domestic installation front plates
 - Manual operation
 - Installation in recessed cabinet, 3-module standard
- REMOVABLE BODY**
- The body of the thermostat can be extracted from the wall to make adjustments easier.

PACKAGE CONTENTS

- 1 TH/345 programmable thermostat
- 2 adaptors for most common domestic installation front plates
- 1 hole blanking adapter
- 1 back-box and 2 screws

DIMENSIONS

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



MAXIMUM COMPATIBILITY

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

The trade names Arkè, Plana, Idea and Eikon are the property of Vimar S.p.A.
 The trade names Sistema 44, Sistema 45 and Banquise are the property of AVE S.p.A. The trade names Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna are the property of Bticino S.p.A.
 The trade names Chorus, Playbus and System are the property of Gewiss S.p.A.
 The trade name Elos is the property of ABB S.p.A.
 The trade names Vela and Cross are the property of Legrand S.p.A.

Items and codes

DIGITAL PROGRAMMABLE THERMOSTATS - RECESSED FITTING

TH/345 BB	69405300	Digital weekly programmable thermostat, recessed fitting, in white, powered by 3 x 1.5V (AAA) batteries.
TH/345 GR	69405400	Digital weekly programmable thermostat, recessed fitting, in Anthracite grey, powered by 3 x 1.5V (AAA) batteries.
TH/345 BB	68515900	Decorative front plate for TH/345 programmable thermostat, in white.
TH/345 GR	68516000	Decorative front plate for TH/345 programmable thermostat, in Anthracite grey.

TH/450

Wall-mounted digital programmable thermostat, weekly programming

The wall-mounted installation, clean-cut contours, reduced overall size (a thickness of just 19 mm on the wall) make this product suitable for all types of system and environment. Features two temperature control modes: proportional integral and differential designed to reduce the number of boiler ignition cycles in relation to difference between the room temperature and the set value. It is thus possible to optimise energy consumption while at the same time maintaining high levels of comfort. It is supplied with two interchangeable front covers in Ice white and Kristal blue. Also designed with option of remote control via a normal telephone dialler.



Ice white



Kristal blue





Technical Features

- Powered by 3 penlight (AAA LR03) 1.5V batteries.
 - Back-lit LCD display
 - 2 interchangeable front covers in Ice white and Kristal blue
 - Manual operation
 - Wall-mounted installation, or in a recessed cabinet, 3-module standard
- REMOVABLE BODY**
- The body of the thermostat can be extracted from the wall to make adjustments easier.

PACKAGE CONTENTS

- 1 TH/450 programmable thermostat
- 2 interchangeable front covers in Ice white and Kristal blue

DIMENSIONS

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

Functions

-  Weekly programming
-  Temperature programming on 3 levels
-  Customisable standard programming
-  All-purpose programme
-  Holiday (manual timer) programme
-  Thermal differential adjustment from 0°C to 0.9°C
-  Proportional/integral adjustment programme
-  Temperature measurement calibration
-  System start-up and shut-down delay period
-  Automatic system start-up advance
-  Frost protection function
-  Hour counter
-  Remote system control



Items and codes

DIGITAL PROGRAMMABLE THERMOSTATS - WALL MOUNTED

TH/450

69409200

Weekly digital thermostat, white body, interchangeable covers in Ice white and blue Kristal, powered by 3x1.5 V penlight (AAA) batteries.

TH/450 GSM

Wall mounted digital programmable thermostat with built in GSM module, weekly programmability

In addition to the typical features of the model TH/450, this incorporates a GSM module for remote temperature management via simple text messages or via the specific BPT app, Thermo, available for iOs and Android. TH/450 GSM enables the optimisation of consumption simply and immediately, even when out of the house or away from the office.

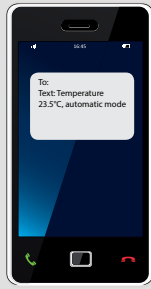


Ice white

















Kristal blue





Functions

-  Weekly programming
-  Temperature programming on 3 levels
-  Customisable standard programming
-  All-purpose programme
-  Holiday (manual timer) programme
-  Thermal differential adjustment from 0°C to 0.9°C
-  Proportional/integral adjustment programme
-  Temperature measurement calibration
-  System start-up and shut-down delay period
-  Automatic system start-up advance
-  Frost protection function
-  Hour counter
-  Remote system control
-  App based remote control

Technical Features

- 5Vdc power supply via 3 rechargeable NiCd/NiMH batteries (AAA 1.5V not included in package)
 - Back-lit LCD display
 - 2 interchangeable front covers in Ice white and Kristal blue
 - Manual operation
 - Remote control via text messages or the BPT app TH Thermo
 - Wall-mounted installation, or in a recessed cabinet, 3-module standard
- ### MANAGEMENT VIA APP
- App for iPhone*, Android smartphone **
 - Remote control of operating mode and room temperature
 - User phone book programming (10 numbers)

REMOVABLE BODY

- The body of the thermostat can be extracted from the wall to make adjustments easier.

PACKAGE CONTENTS

- 1 TH/450 programmable thermostat
- 2 interchangeable front covers in Ice white and Kristal blue
- 1 power supply 230Vac - 5V

DIMENSIONS

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



To operate via iPhone® and Android™ smartphone you need to download the TH Thermo app from Google play or the App Store for free.

* iPhone® is a trademark of Apple Inc., registered in the U.S. and other countries.

The Android logo is a creative brand stylisation created and distributed by Google and used according to the terms described in the Creative Commons Attribution License 3.0.

Items and codes

DIGITAL PROGRAMMABLE THERMOSTATS - WALL MOUNTED

TH/450 GSM **69400030**

Digital weekly programmable thermostat, GSM, white body, interchangeable covers in Ice white and Kristal blue. Powered supplied by TH/PS 5V, 230V, 50/60 Hz. Back-up power supply provided by 3 penlight 1.2V AAA rechargeable batteries (NiCd/NiMH)

TH/400

Wall-mounted digital programmable thermostat, weekly programming

The wall-mounted installation, clean-cut contours, reduced overall size make this product suitable for all types of system and environment. It represents the ideal solution where high reliability, simplicity of use and accurate design is required.



Ice white



Anthracite grey





Technical Features

- Powered by 3 penlight (AAA LR03) 1.5V batteries.
- Liquid crystal display
- Manual operation
- Wall-mounted installation, or in a recessed cabinet, 3-module standard
REMOVABLE BODY
- The body of the thermostat can be extracted from the wall to make adjustments easier.









PACKAGE CONTENTS

- 1 TH/400 programmable thermostat
- 1 bag of accessories

DIMENSIONS

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

Functions

-  Weekly programming
-  Temperature programming on 3 levels
-  Customisable standard programming
-  All-purpose programme
-  Holiday (manual timer) programme
-  Thermal differential adjustment from 0°C to 0.9°C
-  Frost protection function
-  Hour counter

Items and codes

DIGITAL PROGRAMMABLE THERMOSTATS - RECESSED FITTING

TH/400 BB	69404200	Digital weekly programmable thermostat, wall-mounted, in white, powered by 3 x 1.5V (AAA) batteries.
TH/400 GR	69404300	Digital weekly programmable thermostat, wall-mounted, in Anthracite grey, powered by 3 x 1.5V (AAA) batteries.

TA/350

Digital Thermostat - Recessed Fitting

Thanks to the recessed installation and compatibility with the most common domestic installation front plates, it can be integrated in all furnishing settings and represents the ideal solution for a wide range of systems. Features two temperature control modes: proportional integral and differential designed to reduce the number of boiler ignition cycles in relation to difference between the room temperature and the set value. It is thus possible to optimise energy consumption while at the same time maintaining high levels of comfort.

Designed with the option for remote control via a normal telephone dialler or for connection to a magnetic contact to disable the system when a window is opened.



White












Anthracite grey



The ornamental front plate illustrated is not included in the package



Functions

-  Temperature programming on 3 levels (COMFORT, ECO, NIGHT)
-  Thermal differential adjustment from 0°C to 0.9°C
-  Proportional/integral adjustment programme
-  Temperature measurement calibration
-  Frost protection function
-  Hour counter
-  Temperature set-point adjustment blocking.
-  Remote system control
-  System deactivation by means of magnetic switch

Technical Features

- Powered by 3 penlight (AAA LR03) 1.5V batteries.
 - Liquid crystal display
 - 2 user profiles with differing selectable temperatures
 - Compatible with the most common domestic installation front plates
 - 2 interchangeable front covers in Ice white and Anthracite grey
 - Installation in recessed cabinet, 3-module standard
- REMOVABLE BODY**
- The body of the thermostat can be extracted from the wall to make adjustments easier.

PACKAGE CONTENTS

- 1 TA/350 thermostat
- 2 interchangeable front covers in white and Anthracite grey
- 4 adaptors for most common domestic installation front plates
- 1 hole blanking adapter
- 1 back-box and 2 screws

DIMENSIONS

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



MAXIMUM COMPATIBILITY

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ	The trade names Arkè, Plana, Idea and Eikon are the property of Vimar S.p.A.
AVE	SISTEMA 44, SISTEMA 45	The trade names Sistema 44, Sistema 45 and Banquise are the property of AVE S.p.A.
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (square and round), LIGHT, LIGHT TECH, AXOLUTE, LUNA	The trade names Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna are the property of Bticino S.p.A.
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS	The trade names Chorus, Playbus and System are the property of Gewiss S.p.A.
ABB	ELOS	The trade name Elos is the property of ABB S.p.A.
LEGRAND	VELA (square and round), CROSS	The trade names Vela and Cross are the property of Legrand S.p.A.

Items and codes

DIGITAL THERMOSTAT

TA/350

69400010

Digital thermostat, recessed fitting, 2 interchangeable front covers in white and Anthracite grey, powered by 3 x 1.5 V (AAA) batteries.

TA/450

Digital Thermostat - Wall Mounting



White

The wall-mounted installation, clean-cut contours, reduced overall size (a thickness of just 19 mm on the wall) make this product suitable for all types of system and environment. Features two temperature control modes: proportional integral and differential designed to reduce the number of boiler ignition cycles in relation to difference between the room temperature and the set value. It is thus possible to optimise energy consumption while at the same time maintaining high levels of comfort.

Designed with the option for remote control via a normal telephone dialler or for connection to a magnetic contact to disable the system when a window is opened.





Technical Features

- Powered by 3 penlight (AAA LR03) 1.5V batteries.
 - Liquid crystal display
 - 2 user profiles with differing selectable temperatures
 - Compatible with the most common domestic installation front plates
 - Wall-mounted installation, or in a recessed cabinet, 3-module standard
- REMOVABLE BODY**
- The body of the thermostat can be extracted from the wall to make adjustments easier.










PACKAGE CONTENTS

- 1 TA/450 thermostat

DIMENSIONS

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

Functions

-  Temperature programming on 3 levels (COMFORT, ECO, NIGHT)
-  Thermal differential adjustment from 0°C to 0.9°C
-  Proportional/integral adjustment programme
-  Temperature measurement calibration
-  Frost protection function
-  Hour counter
-  Temperature set-point adjustment blocking.
-  Remote system control
-  System deactivation by means of magnetic switch



Items and codes

DIGITAL THERMOSTAT

TA/450

69400020

Wall-mounted digital thermostat, white body, Ice white cover, powered by 3x1.5 V penlight (AAA) batteries.

TH/125

Slider programmable thermostat - wall mounting, daily programmable

Equipped with soft-touch sliders to enable simple and intuitive settings of the temperature together with precise control. Represents the ideal solution for those seeking high reliability and simplicity of use. It is available in white or Anthracite grey, both with 3 interchangeable covers in orange, Arctic blue or white making it suitable for any type of environment. Also designed with option of remote control via a normal telephone dialler.

White body



Orange



Arctic blue



White

Grey body



Orange



Arctic blue











White





Functions

-  Daily programming using sliders
-  Pre-defined selectable programmes
-  All-purpose programme
-  Holiday (manual timer) programme
-  Thermal differential adjustment from 0°C to 0.9°C
-  System start-up and shut-down delay period
-  Frost protection function
-  Remote system control

Technical Features

- Powered by 3 penlight (AAA LR03) 1.5V batteries.
- Liquid crystal display
- 3 interchangeable front covers in white, Arctic blue and orange
- Manual operation
- Soft Touch sliders
- Wall or recessed installation

REMOVABLE BODY

- The body of the thermostat can be extracted from the wall to make adjustments easier.

PACKAGE CONTENTS

- 1 TH/125 programmable thermostat
- 3 interchangeable front covers in white, Arctic blue and orange
- 1 back-box for wall mounting and 2 screws

DIMENSIONS

- (L x H x D) 133 x 93 x 31 mm: wall
- (L x H x D) 133 x 93 x 25.5 mm: semi-recessed



Items and codes

PROGRAMMABLE THERMOSTATS WITH SLIDERS

TH/125 BB	69406700	Digital daily programmable thermostat with sliders, wall-mounted, in white, powered by 3 x 1.5V (AAA) batteries.
TH/125 GR	69409000	Digital daily programmable thermostat with sliders, wall-mounted, in Anthracite grey, powered by 3 x 1.5V (AAA) batteries.

TH/124

Slider programmable thermostat - wall mounting, daily programmable

Equipped with soft-touch sliders to enable simple and intuitive settings of the temperature together with precise control. Represents the ideal solution for those seeking high reliability and simplicity of use.



White



Anthracite grey





Functions



Daily programming using sliders



Pre-defined selectable programmes



Holiday (manual timer) programme



Thermal differential adjustment from 0°C to 0.9°C



Hour counter

Technical Features

- Powered by 3 penlight (AAA LR03) 1.5V batteries.
 - Liquid crystal display
 - Manual operation
 - Wall-mounted installation, or in a recessed cabinet, 3-module standard
- REMOVABLE BODY**
- The body of the thermostat can be extracted from the wall to make adjustments easier.

PACKAGE CONTENTS

- 1 TH/450 programmable thermostat
- 1 bag of fixing screws

DIMENSIONS

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

Items and codes

PROGRAMMABLE THERMOSTATS WITH SLIDERS

TH/124.01 BB 69403510

Digital daily programmable thermostat with sliders, wall-mounted, in white, powered by 3 x 1.5V (AA) batteries.

TH/124.01 GR 69403610

Digital daily programmable thermostat with sliders, wall-mounted, in Anthracite grey, powered by 3 x 1.5V (AA) batteries.

TH/600



Recessed digital programmable thermostat with touch screen, weekly programming

The evolution in the range of Bpt recessed programmable thermostats. All functions can be activated via the touch screen display. The simple and intuitive graphic display enables immediate programming and guarantees optimal and ergonomic use. Thanks to the compatibility with the most common domestic installation front plates of installation plates, it domestic installation front plates can be integrated in all furnishing settings and represents the ideal solution for a wide range of systems.



White



Anthracite grey



The ornamental front plate illustrated is not included in the package



Technical Features

- Mains power supply 230 Vac
- Back-lit touch screen display
- Compatible with the most common domestic installation front plates
- 2 interchangeable front covers in Ice white and Anthracite grey
- Manual operation
- Installation in recessed cabinet, 3-module standard








PACKAGE CONTENTS

- 1 TH/600 programmable thermostat
- 2 interchangeable front covers in white and Anthracite grey
- 4 common switch front plate adapters
- 1 hole blanking adapter
- 2 screws

DIMENSIONS

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

Functions

-  Weekly programming
-  Temperature programming on 3 levels
-  Customisable standard programming
-  All-purpose programme
-  Holiday (manual timer) programme
-  Thermal differential adjustment from 0°C to 0.9°C
-  Proportional/integral adjustment programme
-  Temperature measurement calibration
-  System start-up and shut-down delay period
-  Automatic system start-up advance
-  Frost protection function
-  Hour counter
-  Temperature Set-point Adjustment Blocking.

MAXIMUM COMPATIBILITY

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ	The trade names Arkè, Plana, Idea and Eikon are the property of Vimar S.p.A.
AVE	SISTEMA 44, SISTEMA 45	The trade names Sistema 44, Sistema 45 and Banquise are the property of AVE S.p.A.
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (square and round), LIGHT, LIGHT TECH, LIVINGLIGHT AIR, AXOLUTE, LUNA	The trade names Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna are the property of Bticino S.p.A.
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS	The trade names Chorus, Playbus and System are the property of Gewiss S.p.A.
ABB	ELOS	The trade name Elos is the property of ABB S.p.A.
LEGRAND	VELA (square and round), CROSS	The trade names Vela and Cross are the property of Legrand S.p.A.

Items and codes

WALL-MOUNTED TOUCH SCREEN PROGRAMMABLE THERMOSTAT

TH/600 230

69400290

Recessed touch screen programmable thermostat Power supply 230 Vac.

TH/500



Wall-mounted programmable thermostat with touch screen, weekly programming

The evolution in the range of Bpt wall-mounted programmable thermostats. All functions can be activated via the large touch screen display. The simple and intuitive graphic display enables immediate programming and guarantees optimal and ergonomic use. Wall-mounted installation and accurate design, down to the last detail, make this ideal for all types of system and environment.



White



Black



Orange




Green





Functions

	Weekly programming
	Temperature programming on 3 levels
	Customisable standard programming
	All-purpose programme
	Holiday (manual timer) programme
	Thermal differential adjustment from 0°C to 0.9°C
	Proportional/integral adjustment programme
	Temperature measurement calibration
	System start-up and shut-down delay period
	Automatic system start-up advance
	Frost protection function
	Hour counter
	Temperature set-point adjustment blocking.
	Remote management (battery versions only)
	System disable via magnetic contact (battery versions only)
	External sensor connection (battery versions only)

Technical Features

- Versions with 230 Vac mains power supply and versions with power from two 1.5 V batteries (AA)
- Large back-lit touch screen display
- Dialogues with radio devices in the range Came Domotic 3.0 and security range CAME and Proxinet from Bpt
- Available in various colours
- Manual operation
- Wall-mounted installation, or in a recessed cabinet, 3-module standard

PACKAGE CONTENTS

- TH/500 programmable thermostat

DIMENSIONS

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

Items and codes

WALL-MOUNTED TOUCH-SCREEN PROGRAMMABLE THERMOSTAT.

69400190	TH/500 WH	White wall-mounted touch-screen programmable thermostat. Powered by two 1.5 type AA batteries.
69400220	TH/500 WH 230	White wall-mounted touch-screen programmable thermostat. Power supply 230 Vac.
69400230	TH/500 BK	Black wall-mounted touch-screen programmable thermostat. Powered by two 1.5 type AA batteries.
69400240	TH/500 BK 230	Black wall-mounted touch-screen programmable thermostat. Power supply 230 Vac.
69400330	TH/500 OR	Orange wall-mounted touch-screen programmable thermostat. Powered by two 1.5 type AA batteries.
69400340	TH/500 GN	Green wall-mounted touch-screen programmable thermostat. Powered by two 1.5 type AA batteries.

TA/600



Recessed touch screen thermostat

The evolution in the range of Bpt recessed thermostats. All functions can be activated via the touch screen display. The simple and intuitive graphic display enables immediate programming and guarantees optimal and ergonomic use. Thanks to the compatibility with the most common domestic installation front plates, it domestic installation front plates can be integrated in all furnishing settings and represents the ideal solution for a wide range of systems.



White



Anthracite grey





Technical Features

- Mains power supply 230 Vac
- Back-lit touch screen display
- Compatible with the most common domestic installation front plates
- 2 interchangeable front covers in white and Anthracite grey
- Installation in recessed cabinet, 3-module standard








PACKAGE CONTENTS

- 1 TA/600 thermostat
- 2 interchangeable front covers in white and Anthracite grey
- 4 common switch front plate adapters
- 1 hole blanking adapter
- 2 screws

DIMENSIONS

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

Functions

-  Temperature programming on 3 levels (COMFORT, ECO, NIGHT)
-  Thermal differential adjustment from 0°C to 0.9°C
-  Proportional/Integral adjustment programme
-  Temperature measurement calibration
-  Frost protection function
-  Hour counter
-  Temperature set-point adjustment blocking.

MAXIMUM COMPATIBILITY

VIMAR	IDEA, IDEA RONDÒ, PLANA, EIKON, ARKÈ	The trade names Arkè, Plana, Idea and Eikon are the property of Vimar S.p.A.
AVE	SISTEMA 44, SISTEMA 45	The trade names Sistema 44, Sistema 45 and Banquise are the property of AVE S.p.A.
BTICINO	LIVING INTERNATIONAL, LIVINGLIGHT (square and round), LIGHT, LIGHT TECH, LIVINGLIGHT AIR, AXOLUTE, LUNA	The trade names Livinglight AIR, Livinglight, Living International, Light, Light Tech, Axolute and Luna are the property of Bticino S.p.A.
GEWISS	PLAYBUS, PLAYBUS YOUNG, SYSTEM, CHORUS	The trade names Chorus, Playbus and System are the property of Gewiss S.p.A.
ABB	ELOS	The trade name Elos is the property of ABB S.p.A.
LEGRAND	VELA (square and round), CROSS	The trade names Vela and Cross are the property of Legrand S.p.A.

Items and codes

RECESSED TOUCH SCREEN THERMOSTAT

69400320

TA/600 230

Recessed touch screen thermostat Power supply 230 Vac.

TA/500



Wall-mounted touch screen thermostat

The evolution in the range of Bpt wall-mounted programmable thermostats. All functions can be activated via the large touch screen display. The simple and intuitive graphic display enables immediate programming and guarantees optimal and ergonomic use. Wall-mounted installation and accurate design, down to the last detail, make this ideal for all types of system and environment.



White



Black





Technical Features

- Versions with 230 Vac mains power supply and versions with power from two 1.5 V batteries (AA)
- Large back-lit touch screen display
- Available in black or white

- Wall-mounted installation, or in a recessed cabinet, 3-module standard



PACKAGE CONTENTS

- TH/500 programmable thermostat

DIMENSIONS

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

Functions

-  Temperature programming on 3 levels (COMFORT, ECO, NIGHT)
-  Thermal differential adjustment from 0°C to 0.9°C
-  Proportional/integral adjustment programme
-  Temperature measurement calibration
-  Frost protection function
-  Hour counter
-  Temperature set-point adjustment blocking.
-  Remote management (battery versions only)
-  System disable via magnetic contact (battery versions only)
-  External sensor connection (battery versions only)

Items and codes

WALL-MOUNTED TOUCH SCREEN THERMOSTATS

69400250	TA/500 WH	White wall-mounted touch-screen thermostat Powered by two 1.5 type AA batteries.
69400260	TA/500 WH 230	White wall-mounted touch-screen thermostat Power supply 230 Vac.
69400270	TA/500 BK	Black wall-mounted touch-screen thermostat Powered by two 1.5 type AA batteries.
69400280	TA/500 BK 230	Black wall-mounted touch-screen thermostat Power supply 230 Vac.

TH/500 WH WL



White

Combines professional features of Bpt programmable thermostats with the simplicity of wireless installations. All functions can be activated via the large touch screen display. The simple and intuitive graphic display enables immediate programming and guarantees optimal and ergonomic use. Wall-mounted installation and accurate design down to the last detail make this ideal for all types of system and environment.

The ideal solution in applications where building work is not possible.





Technical Features

- Powered by two 1.5 V batteries (AA) .
- Large back-lit touch screen display
- Manual operation
- Wall-mounted installation, or in a recessed cabinet, 3-module standard








PACKAGE CONTENTS

- 1 programmable thermostat TH/500 WH WL

DIMENSIONS

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

Functions

-  Weekly programming
-  Temperature programming on 3 levels
-  Customisable standard programming
-  All-purpose programme
-  Holiday (manual timer) programme
-  Thermal differential adjustment from 0°C to 0.9°C
-  Proportional/integral adjustment programme
-  Temperature measurement calibration
-  System start-up and shut-down delay period
-  Automatic system start-up advance
-  Frost protection function
-  Hour counter
-  Temperature set-point adjustment blocking.

Items and codes

RADIO LINK TOUCH SCREEN PROGRAMMABLE THERMOSTAT

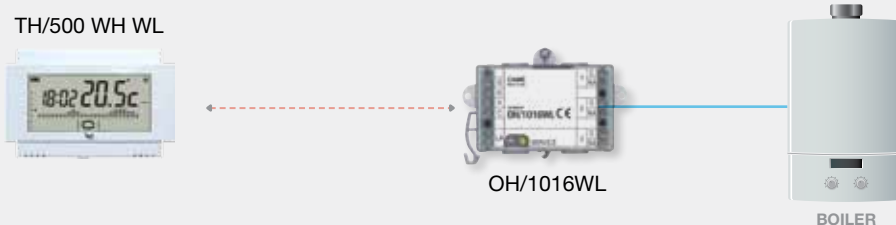
69400350

TH/500 WH
WL

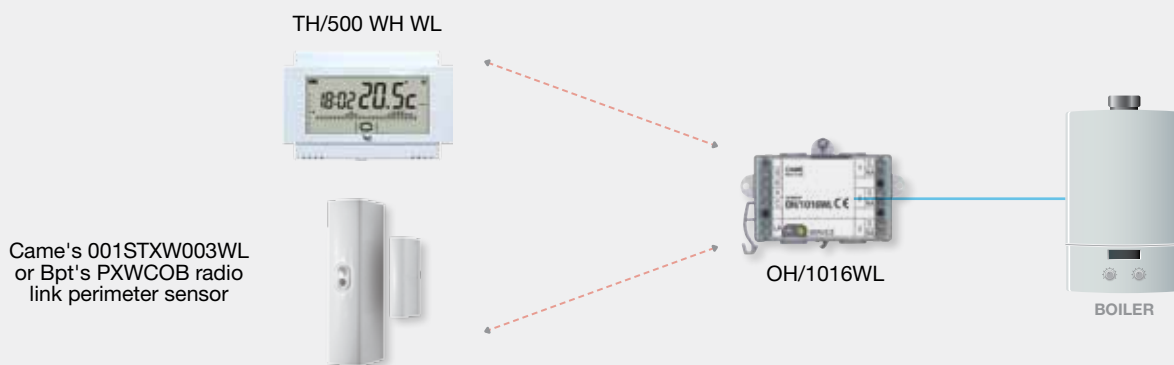
White wall-mounted radio link touch-screen programmable thermostat. Powered by two 1.5 type AA batteries.

Installation examples

TH/500 WH WL communicates via radio with the output modules of CAME DOMOTIC 3.0 home automation range to control boilers and zone solenoid valves in heating and cooling systems. The following example shows the output contact of the module OH/1016WL directly controlling the boiler.



An option is also envisaged to insert security range devices in the temperature regulation system via radio, to obtain interesting functions in terms of energy saving. For example, the radio perimeter detector 001STXW003WL for doors and windows in the Came security range can be combined with the output module OH/1016WL controlled by the programmable thermostat TH/500 WH WL. When the window is opened, where the detector is installed, the temperature control is automatically disabled, thereby avoiding wasteful energy consumption. The function is also ensured with the PXWCOB radio link perimeter sensor from the Bpt range.

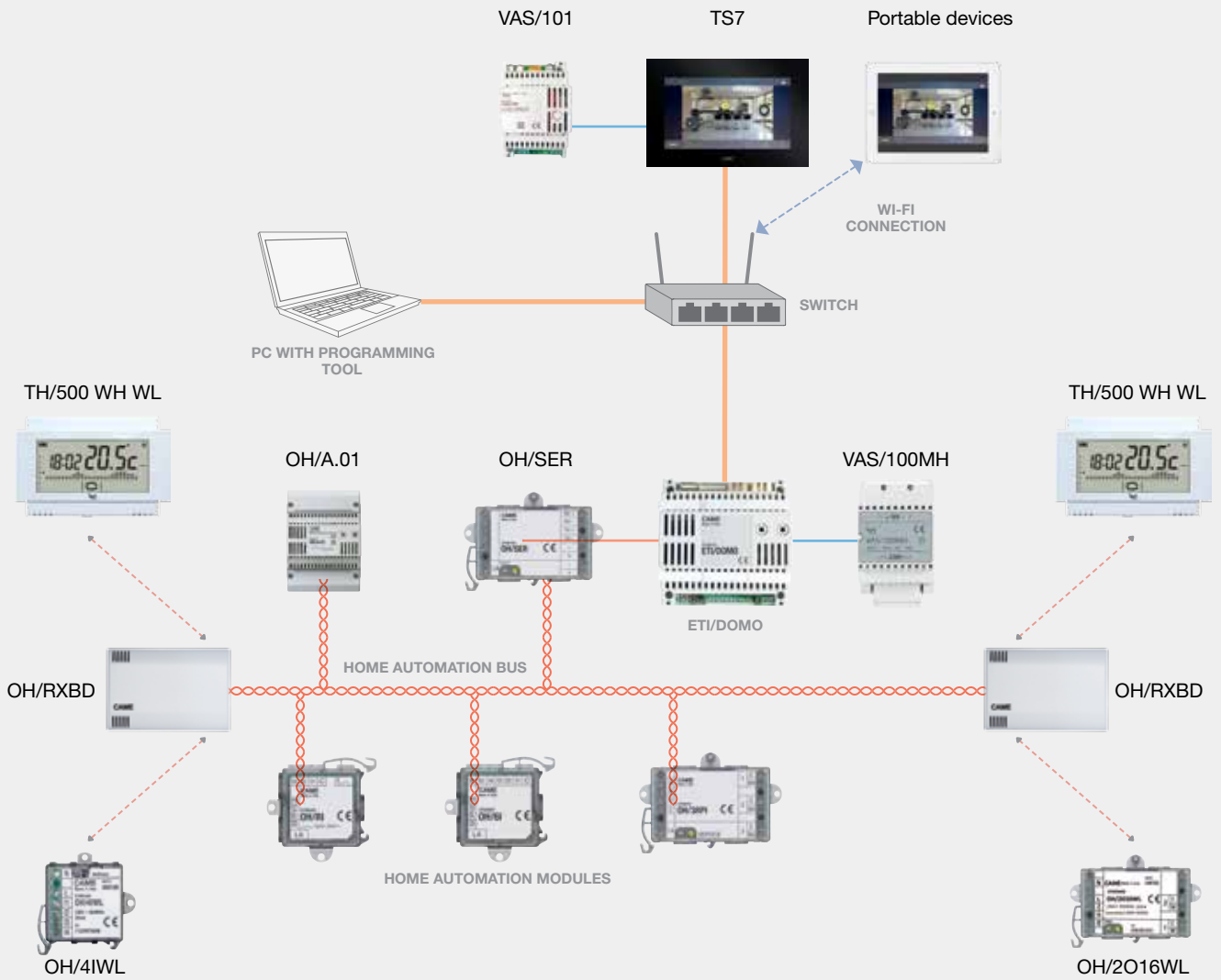


The radio volumetric detector 001SIR215WL in the Came security range can also be combined with the output module OH/1016WL controlled by the programmable thermostat TH/500 WH WL. This detector reads the presence or absence of people in the environment. After a set time interval (2 hours) since the last detection of persons, i.e. when no people are in the home, the programmable thermostat sets the temperature at a fixed (programmable) value. This application avoids wasteful energy consumption due to activation of the heating system when no one is home. The function is also ensured with the PXWIR radio link perimeter sensor from the Bpt range.

Function envisaged by the standard EN15232 and relative IEC guidelines 205-18, to obtain energy efficiency class A. To improve efficiency of the system, multiple volumetric sensors can be installed as required.



The programmable thermostat TH/500 WL WH can also be integrated in the home automation system CAME DOMOTIC 3.0 and can communicate, thanks to the home automation bus radio interface, with the modules in the same system.



- ← - - - - - → RADIO CONNECTION
- ← - - - - - → WI-FI CONNECTION

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69400240	51	TH/500 BK 230
69400250	55	TA/500 WH
69400260	55	TA/500 WH 230
69400270	55	TA/500 BK
69400280	55	TA/500 BK 230
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69400340	51	TH/500 GN
69400350	51	TH/500 BK 230
69400350	57	TH/500 WHWL
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69403610	47	TH/124.01 GR
69404200	39	TH/400 BB
69404300	39	TH/400 GR
69405300	33	TH/345 BB
69405400	33	TH/345 GR
69406700	45	TH/125 BB
69409000	45	TH/125 GR
69409100	31	TH/350
69409200	35	TH/450

CODE

bpt



Came S.p.A.
has
Quality and Environment
certification

UNI EN ISO 9001
UNI EN ISO 14001



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