

Traditional timer thermostats for one-zone systems

IDEAL SOLUTION FOR AN APARTMENT

The proposal for one-zone systems divides into two solutions: flush-mounted and wall-mounted; the finishes proposed range from the AXOLUTE series to the LIVING, LIGHT, LIGHT TECH and MÀTIX series. The new flush-mounted timer thermostats represent the main new solution for one-zone systems for both heating and cooling. They are simple to use thanks to the essential and intuitive menu and the graphic display with back-lighting.

The POLYX CLIMA wall-mounted timer thermostats are in the catalogue in three different colours: white, anthracite and tech. They feature a big graphic display which allows easy consultation of all the measured or set parameters.

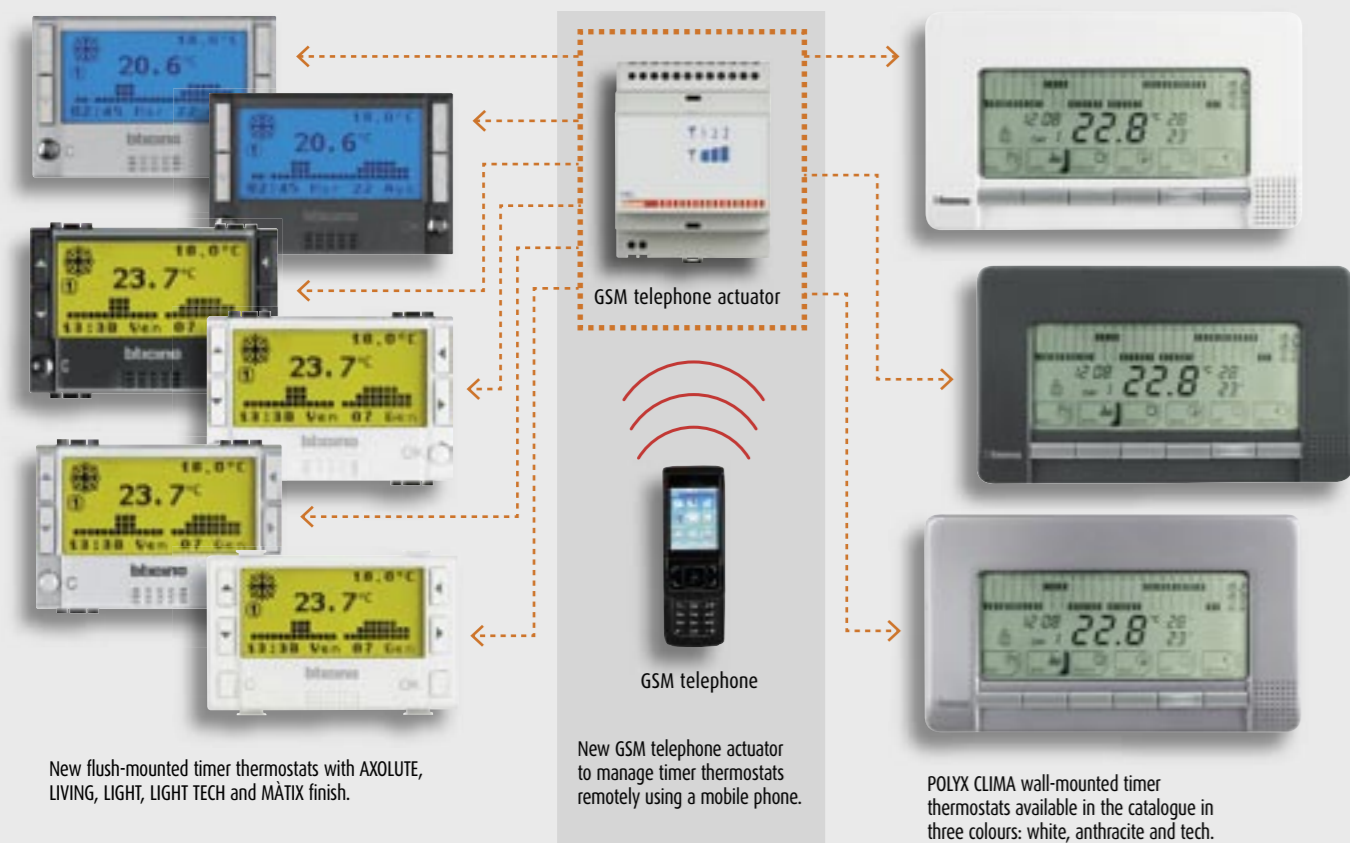
The power supply to the timer thermostats comes from two 1.5V AA pen batteries, installed in the removable part so that they can be extracted, thus making programming easy and convenient.

Remote activation is available for both the wall and flush-mounted version. The new GSM telephone actuator is particularly useful for the purpose.

From any mobile phone and with simple SMS, it can switch the air conditioning system ON or OFF, even in homes without telephone line.

This device has a connection dedicated to the POLYX CLIMA timer thermostats which allows reading of the room temperature, setting the program required and varying some temperature control parameters. The actuator is particularly useful for managing air conditioning systems in homes without telephone line. The new external sensor can be connected to all the timer thermostats. This is useful for three different uses:

- to display the external temperature on the timer thermostat directly;
- to measure the room temperature at a point which is better than the point where the timer thermostat is installed;
- to set a threshold limit for floor systems.



New flush-mounted timer thermostats with AXOLUTE, LIVING, LIGHT, LIGHT TECH and MÀTIX finish.

New GSM telephone actuator to manage timer thermostats remotely using a mobile phone.

POLYX CLIMA wall-mounted timer thermostats available in the catalogue in three colours: white, anthracite and tech.

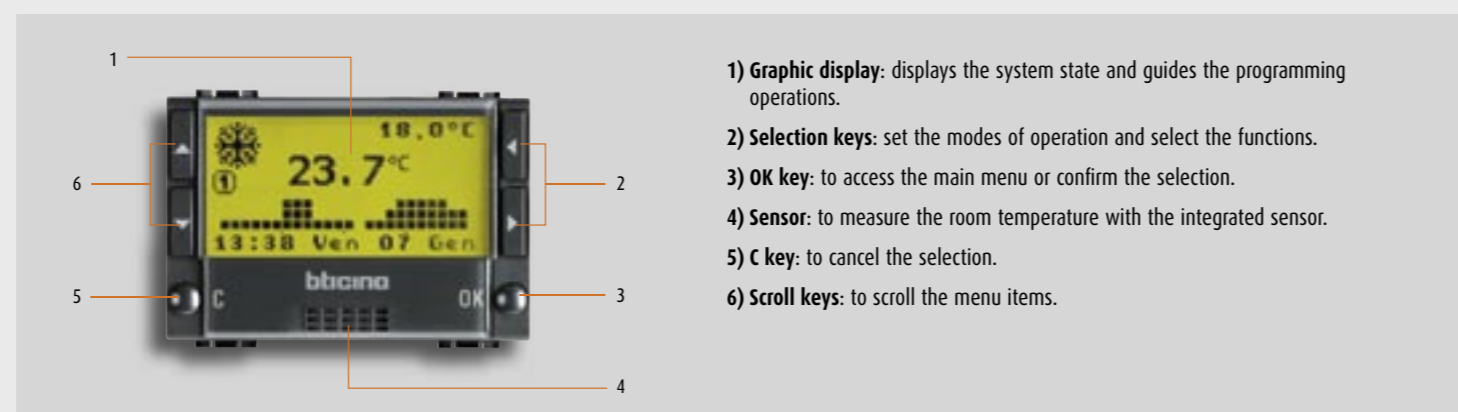
MY HOME control unit for systems up to 4 zones

IDEAL SOLUTION FOR APARTMENT AND HOUSE

The temperature control proposal is completed with the new MY HOME 4-zone control units, available in the AXOLUTE, LIVING, LIGHT, LIGHT TECH and MÀTIX series. These control units can be found in the catalogue in flush-mounted version, size three modules. They take up very little room and in appearance they fit in perfectly with the other devices of the electrical system.

They are an excellent solution for small systems and can manage up to 4 independent zones. The product has a guided menu and lets the user select the mode of operation, display the temperature of the various

zones and display and modify the daily and weekly programs. The MY HOME control unit is the heart of the system. It is like having four timer thermostats in a single device. It has a sensor which already represents one zone and another three can be connected to it to reach the maximum number of zones which this product can manage. The local sensor can: vary the temperature set in the control unit by $\pm 3^\circ\text{C}$, set the anti-freeze mode, switch the zones OFF and select the fan speed when managing the fan-coils. The actuators, correctly configured, can manage solenoid valves ON-OFF, open-close, circulation pumps and fan-coil with automatic speed adjustment.

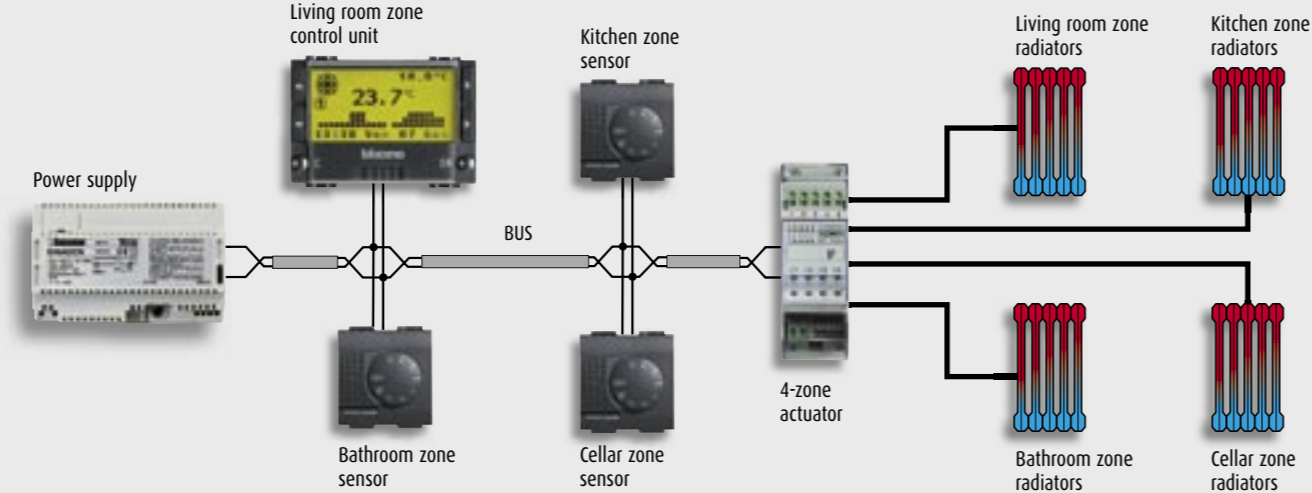


- 1) **Graphic display:** displays the system state and guides the programming operations.
- 2) **Selection keys:** set the modes of operation and select the functions.
- 3) **OK key:** to access the main menu or confirm the selection.
- 4) **Sensor:** to measure the room temperature with the integrated sensor.
- 5) **C key:** to cancel the selection.
- 6) **Scroll keys:** to scroll the menu items.

THE SAVING OF ZONE TEMPERATURE CONTROL

Zone temperature control lets you set different temperatures in the various rooms of the home, only heating them when you need to.

Above all, lowering the room temperature by 1°C gives a saving of about 10% on consumption. Zone temperature control gives healthier air conditioning and saves energy.

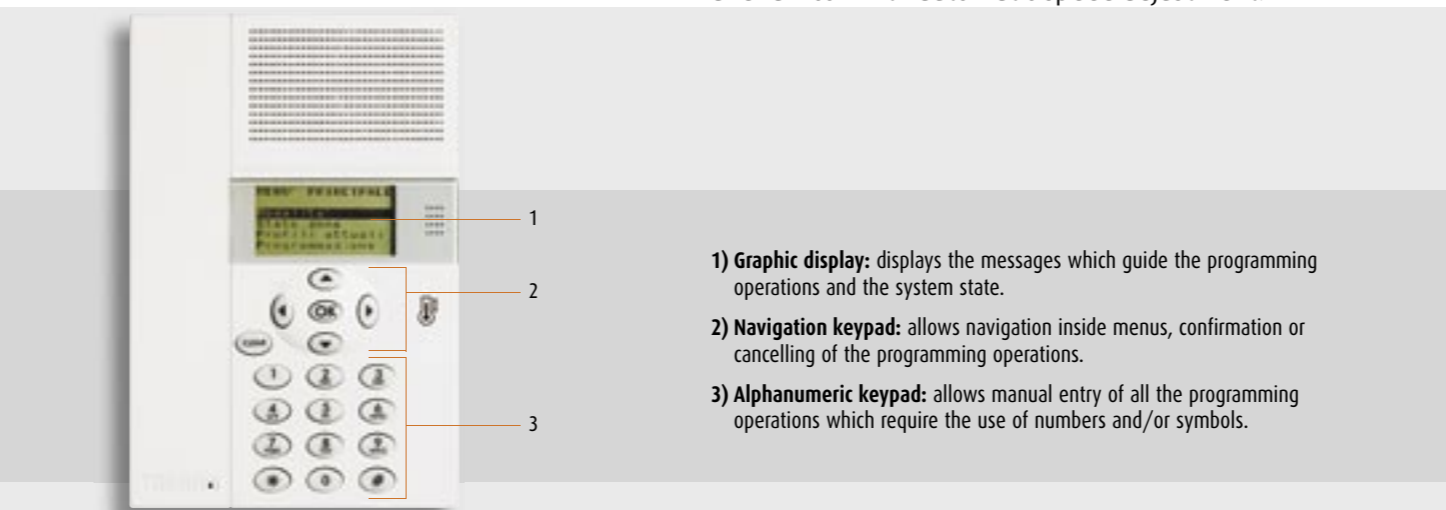


MY HOME control unit for systems up to 99 zones

IDEAL SOLUTION FOR THE HOUSE AND SMALL SERVICE SECTOR

This proposal is dedicated to large systems, particularly the house and the small service sector. This model of control unit can manage temperature control systems up to 99 zones, in both heating and cooling mode. The temperature control unit can be installed in two different ways: wall or flush-mounted. The alphanumeric keypad on the front cover and the guided menu let the user select the mode of operation, display the temperatures of the various

zone and display and modify the daily temperature profiles and the weekly programs. Unlike the 4-zone version it does not contain sensors, so the system must be completed with a sensor for every room as well as the actuators and the power supply. The local sensor can: vary the temperature set in the control unit by $\pm 3^\circ\text{C}$, set the anti-freeze mode, switch the zones OFF and select the fan speed when managing the fan-coils. The actuators, correctly configured, can manage solenoid valves ON-OFF, open-close, circulation pumps and fan-coil with automatic speed adjustment.

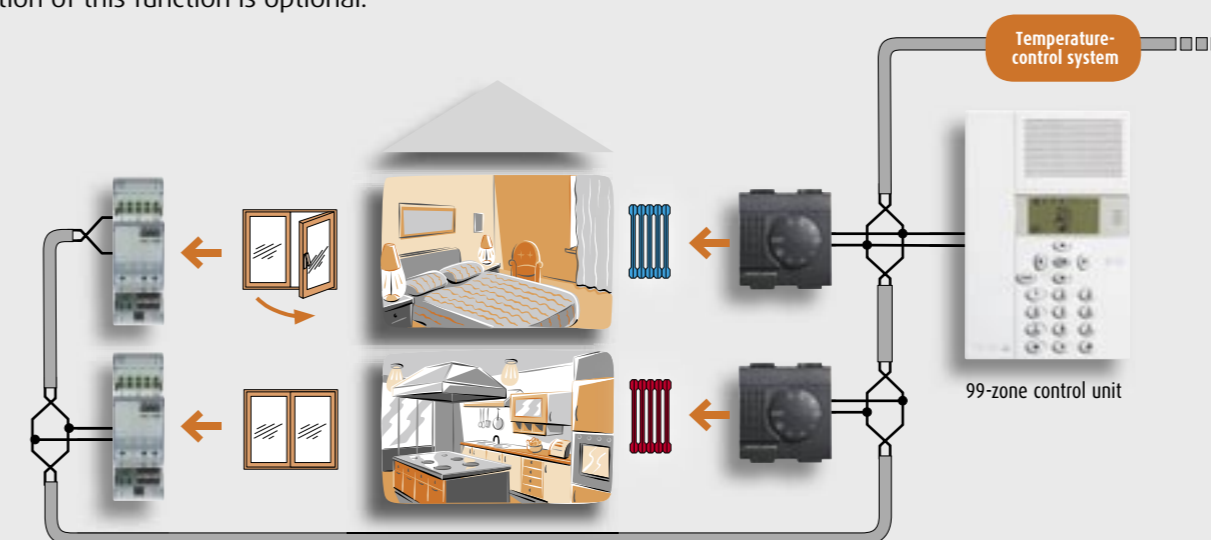


- 1) **Graphic display:** displays the messages which guide the programming operations and the system state.
- 2) **Navigation keypad:** allows navigation inside menus, confirmation or cancelling of the programming operations.
- 3) **Alphanumeric keypad:** allows manual entry of all the programming operations which require the use of numbers and/or symbols.

SAVING WITH THE "WINDOW OPEN" FUNCTION

This function lets you take every chance of saving energy, avoiding useless waste of energy towards the outside, for example when changing the air. Activation of this function is optional.

It detects the state of opening or closing the window frames. The MY HOME temperature control system uses this information to switch OFF the zone corresponding to the room where doors are open.



Catalogue

FLUSH-MOUNTED TIMER THERMOSTATS	
Item	Description
HC4451	electronic daily/weekly timer thermostat - 2x1.5V (AA) pen battery power supply - external temperature sensor can be connected - 3 flush-mounted modules - AXOLUTE light finish
HS4451	as above - AXOLUTE dark finish
L4451	as above - LIVING
N4451	as above - LIGHT
NT4451	as above - LIGHT TECH
AM5721	as above - MÀTIX
F462	GSM telephone actuator - 4 DIN modules
3457	external sensor for timer thermostat

WALL-MOUNTED TIMER THERMOSTATS	
Item	Description
L4450	electronic daily/weekly timer thermostat - 2x1.5V (AA) pen battery power supply - external temperature sensor can be connected - LIVING
N4450	as above - LIGHT
NT4450	as above - LIGHT TECH
F462	GSM telephone actuator - 4 DIN modules
3457	external sensor for timer thermostat

MY HOME 4-ZONE CONTROL UNITS	
Item	Description
HC4695	control unit to manage a temperature control system with up to 4 zones - the package also contains the TiThermo Basic software for programming by PC - 3 flush-mounted modules - AXOLUTE light finish
HS4695	as above - AXOLUTE dark finish
L4695	as above - LIVING
N4695	as above - LIGHT
NT4695	as above - LIGHT TECH
AM5875	as above - MÀTIX

MY HOME 99-ZONE CONTROL UNIT	
Item	Description
3550	control unit to manage a temperature control system with up to 99 zones - the package also contains the TiThermo Basic software for programming by PC - wall-mounted enclosure

TECHNICAL INFORMATION
Consult the "MY HOME temperature control" guide for more technical information and examples of use or visit the site: www.bticino.com



Temperature control technical guide

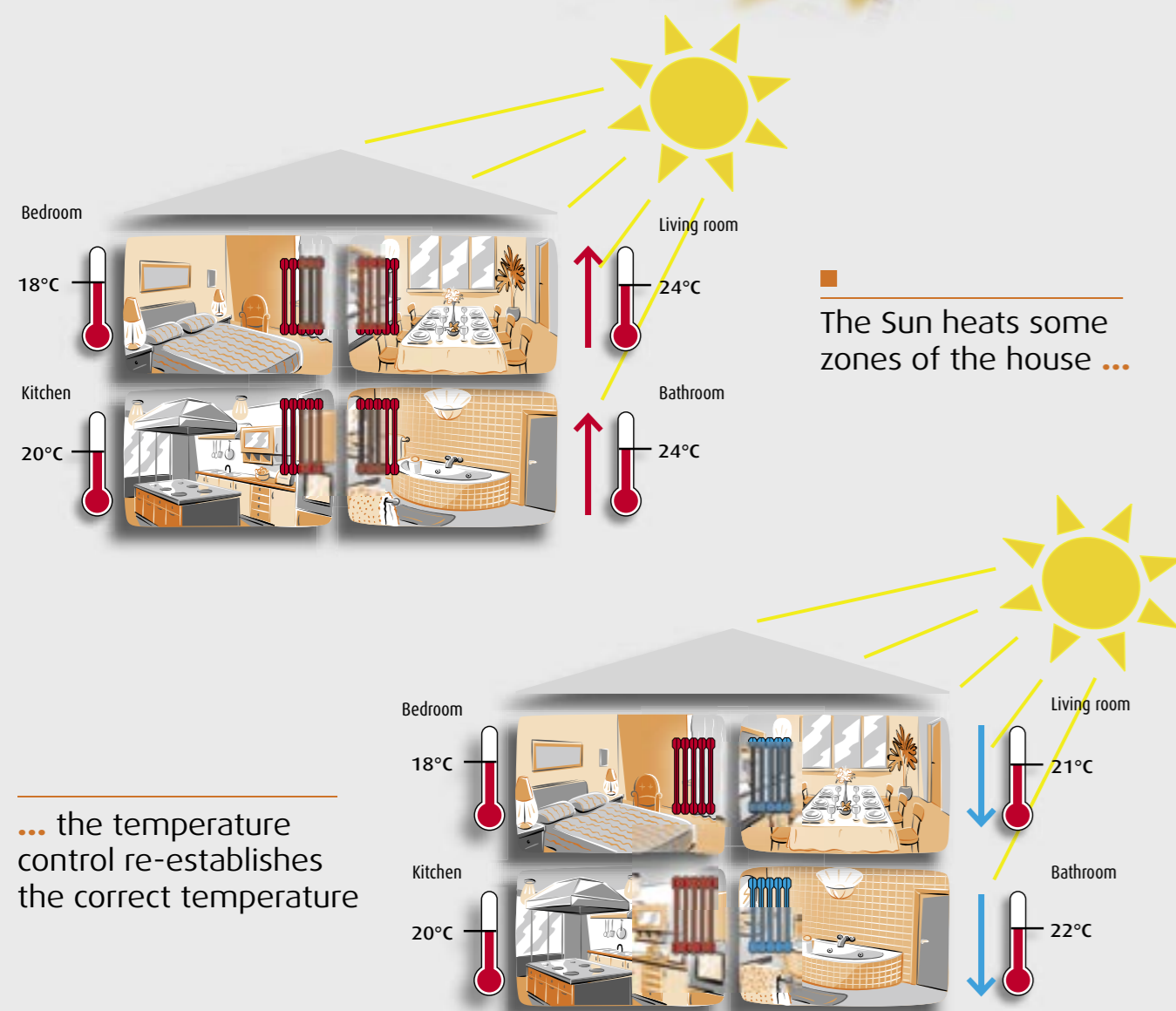
NOTE: the MY HOME control units must be completed with sensors, actuators, power supplies, etc.. To choose the items needed to complete the system and implement the functions required, refer to the complete catalogue, which can be consulted by means of the Temperature control Guide or the General Catalogue.

SAVING WITH TEMPERATURE CONTROL BY ZONES

Having a different temperature depending on the type of room (living room, bedroom, etc.) and the time of day when they are occupied (day, night) can give considerable saving with respect to traditional consumptions. The advantage of energy saving is added to the benefit of healthier air conditioning.

Saving on consumption pays for the system in a few years. Contributing actively to the country's environmental policies, MY HOME temperature control by zones in fact allows a reduction of consumption of up to 30%:

- it only uses air conditioning where and how much it is needed;
- it does not waste the heat provided by the sun;
- you can switch OFF the rooms which are not used.



The Sun heats some zones of the house ...

... the temperature control re-establishes the correct temperature

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Temperature control

Both hot and cold, the ideal temperature control



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The complete proposal to manage Heating and Air conditioning

ELEGANCE, COMFORT AND SAVING FROM THE DOMESTIC TO THE SERVICE SECTOR

BTicino temperature control adapts to any heating need, in terms of comfort required, size and type of hydraulic system; it can manage both winter heating and summer air conditioning with maximum flexibility. BTicino temperature control is completely coordinated with the electrical system and lets you select from all the finishes (AXOLUTE, LIVING, etc.). By means of a complete product catalogue, BTicino proposes solutions which range from the one-zone

system to the multi-zone system, for every type of home:

- apartment;
 - terraced house;
 - house;
 - small service sector;
- and for every type of system:
- radiators;
 - fan-coil;
 - radiant panels;
 - Climaveneta IDRORELAX system.

TRADITIONAL ONE-ZONE TEMPERATURE CONTROL

The proposal for one-zone systems combines the new flush-mounted timer thermostats in the AXOLUTE, LIVING, LIGHT, LIGHT TECH and MÀTIX series with POLYX CLIMA wall-mounted timer thermostats. With these products the air conditioning system is really easy to use.



MULTI-ZONE TEMPERATURE CONTROL

Instead the MY HOME control units consider zone management, which lets you always have the ideal temperature where and when you want it. The multi-zone solution is based on measuring the temperature in every room using local sensors which, through a control unit, act on the component on-off valves (radiators, fan-coil, etc.), adjusting the temperature of the rooms themselves.

