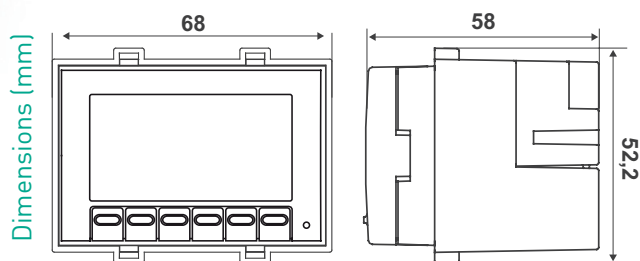


IntelliComfort CH141A - CH143A

Flush mounting weekly programmable thermostat, with batteries or power supply at 230V-50Hz

Electronic programmable thermostat with microprocessor and weekly programming to control heating and air-conditioning installations.



	Temperature regulation range	Prescribed differential*	Displayed temperature range	Adjustable antifreeze temperature range	Power supply	Contacts rating
CH141A	2 ÷ 40 °C	0,25 K	-35 ÷ 50 °C	0 ÷ 7 °C	2 batteries AAA 1,5V	5(3)A 250Vca
CH143A	2 ÷ 40 °C	0,25 K	-35 ÷ 50 °C	0 ÷ 7 °C	230V 50Hz	5(3)A 250Vca

* Differential values are referred to a thermal gradient of 4K/h.

ELECTRICAL CHARACTERISTICS

Contacts rating: 5(3)A 250Vca.

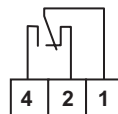
Power supply without connection to the electric circuit with two 1,5 V AAA alkaline batteries for CH141A.

Power supply from the electric circuit - 230V-50Hz for CH143A.

Software class A.

Micro disconnection (1BU).

Voltage-free switching contact.



HOMOLOGATION AND STANDARDS

Complies with EN 60730-2-9 standards.

ErP Class IV; 2% (Reg. EU 811/2013 - 813/2013)

INSTALLATION

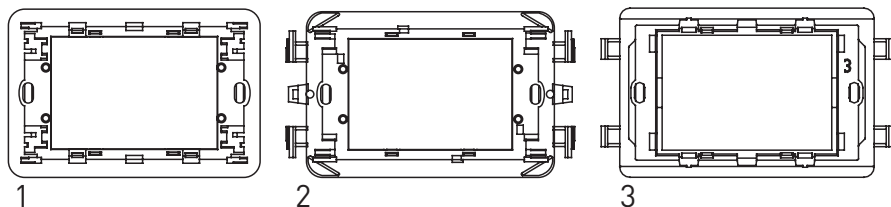
Flush-mounting in 3-module 503 embedded boxes by means of 2 screws (supplied).

Two-wire connection with the user.

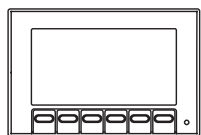
Install the thermostat at 1,5 meters above the floor, away from kitchens, heat sources, windows and doors.

Can be applied, without any connection accessory.

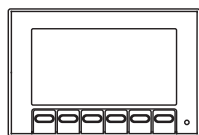
INCLUDED IN THE PACKAGE:



3 FRAMES to provide compatibility with the most common plates



A



B

3 COVER "A" for Bticino Axolute, Ave Sistema 44, Eikon Evo and Arkè

- WHITE
- SILVER
- ANTHRACITE

3 COVER "B"

- WHITE
- SILVER
- ANTHRACITE



3 PAIRS OF ADAPTERS

- WHITE
- SILVER
- ANTHRACITE

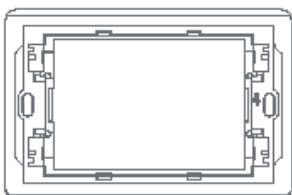
1 PAIR OF ADAPTERS for Bticino Matix

- WHITE

COMPATIBLE PLATES

MODELS	COVER TYPE	FRAME TYPE	LATERAL ADAPTERS
Bticino Living International and Transizione Piana	B	1	NO
Bticino Living Light Air	B	3	NO
Bticino Light, Light tech	B	1	NO
Bticino Axolute	A	1	NO
Bticino Axolue Air	A	cod. 1571049	NO
Bticino Matix	B	2	YES (included)
Vimar Idea e Rondò	B	2	YES
Vimar Plana e Eikon	B	1	NO
Vimar Eikon Evo	A	3	NO
Vimar Arkè	A	3	NO
Gewiss Chorus One, Lux, Art	B	2	NO
Ave sistema 45: Zama, Banquise, Yes, Ral	B	2	YES
Ave sistema 44: Zama, Personal, Tecnopolimero	A	1	NO
Legrand Cross, Vela quadra, Vela tonda	B	2	NO
ABB Elos	B	cod. 1571049	YES
ABB Mylos	B	cod. 1571049	NO

ADDITIVE FRAME cod. 1571049



Frame for plates Bticino Axolute Air, ABB Elos e ABB Mylos, not included in the package.

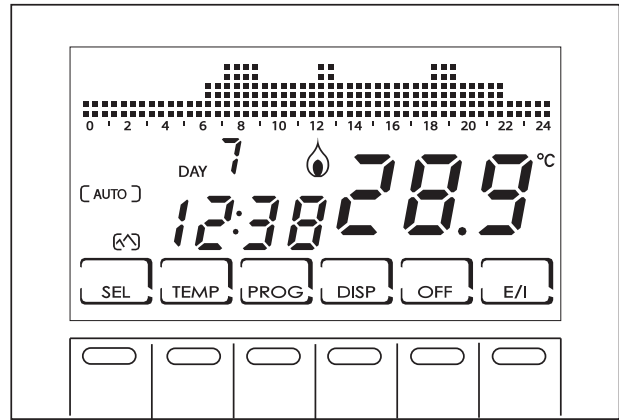
OPERATION

With Intellicomfort CH141A is possible to extract programmable thermostat's body from the frame after mounting and connections, this for doing more easily the adjusting or programming with the device in hand.

With IntelliComfort CH143A isn't possible to extract programmable thermostat's body.

The programmable thermostat has:

- 6 front keys to access directly the operating modes that can be changed by pressing the corresponding key.



VISUALIZATION

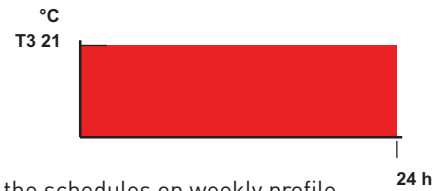
- Ambient temperature
- Current time
- Temperature profile shown by means of histogram
- 6 icons for programming

OPERATION MODES

MAN

The programmable thermostat regulates the room temperature using the set temperature within 24 hours.

T1: The temperature set manually from 2 to 40°C.



AUTO

The programmable thermostat regulates the prescribed temperatures according to the schedules on weekly profile.

It has 1 winter program and 1 summer program (prescribed).

In automatic mode can be set three temperature levels T1-T2-T3:

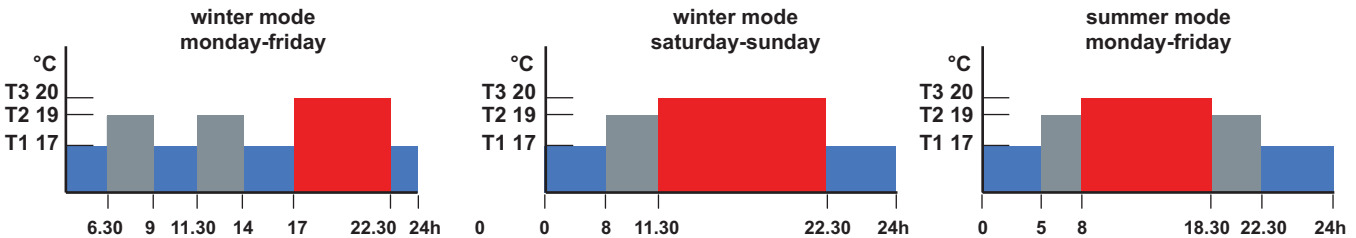
T1 can be set from 2 to 40 °C.

T2 can be set from 2 to 40 °C.

T3 can be set from 2 to 40 °C.

Antifreeze temperature -Ta it is set from 0 to 7 °C.

Note: T3 cannot be less than T2 and T2 cannot be less than T1.

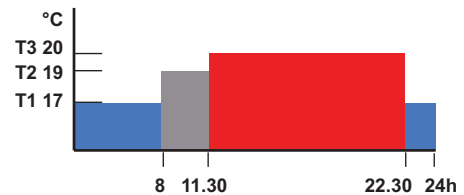


HOLIDAY

The programmable thermostat follows time and temperature settings of the day "H".

This mode stops when it is selected another operating mode. The programmable thermostat has a predefined mode - Holiday, equal to Saturday and Sunday.

In Holiday mode can be set three temperature levels T1-T2-T3.



JOLLY

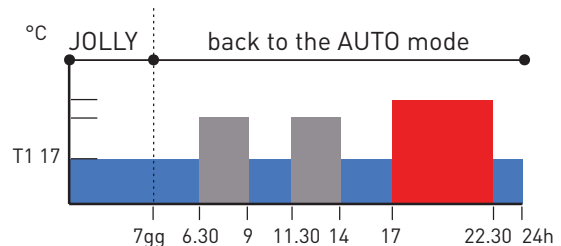
The programmable thermostat controls the installation using a set temperature over a period of time ranging from 1 hour to 240 hours.

At the end of the set time, the programmable thermostat returns to the previously used operation mode.

This function can be excluded at any time by setting a different operation mode.

Example: Automatic Mode - Jolly for 1 week - the programmable thermostat completes the period of Jolly and resumes the automatic mode.

T1: The temperature set manually from 2 to 40°C.



OFF (turned OFF)

This mode is used to manage system operation for maintaining the antifreeze temperature, set from 0 to 7°C.

Complete turn-OFF of the system T1=OFF.

SPECIAL FUNCTIONS

These functions are selected accessing the technical menu of the programmable thermostat.

FREQUENT SETTINGS MENU

- summer / winter
- summer time / standard time
- time / day setting

CONFIGURATION MENU

- Celsius / Fahrenheit
- temperature correction
- time profile customization
- activation according to display lighting
- default settings reset

FEATURES

The packaging includes:

- 3 coloured covers,
- 3 special covers for Bticino Axolute and Ave Sistema 44, Eikon Evo,
- 3 pairs of coloured adapters,
- 1 pair of adapters for Bticino Matix.

LCD display: graphic, 7-segment symbols and digits.

LED, back lighting (blue) display.