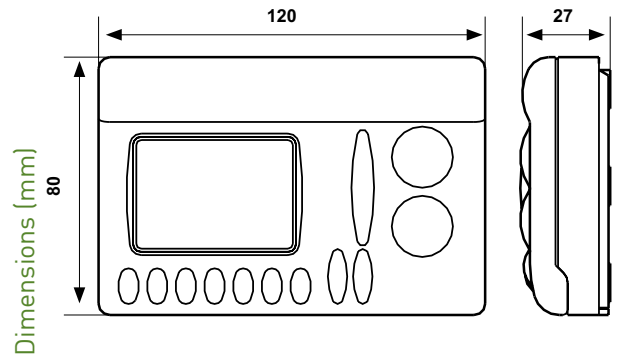


# Intellitherm C56A

## Daily chronothermostat, with batteries

Electronic chronothermostat with microprocessor, with daily programming, to control heating and air-conditioning installations.



	COMFORT and ECONOMY regulation range °C	Differential* K	Preset antifreeze temperature °C	Body admissible temperature °C	Power supply	Contacts rating
C56A	2 ÷ 62	0,25	5	- 10 ÷ 50	2 batteries AA	5(3)A 250Vca

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

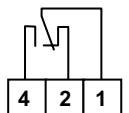
## ELECTRICAL CHARACTERISTICS

Contacts rating: 5(3)A 250Vca.

Micro disconnection (1BU).

Voltage-free switching contact.

Power supply with two 1,5 V AA alkaline long life batteries without connection to the electric circuit.

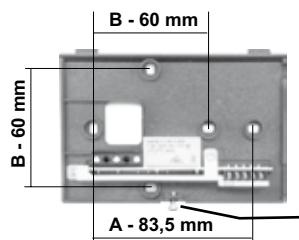


## HOMOLOGATION AND STANDARDS

Complies with EN 60730-2-9; EN 60730-2-11 standards.

# INSTALLATION

Intellitherm C56A is supplied with a base suitable for installation in embedded 3-module boxes or for wall mounting. Two-wire connection with the user. Install the chronothermostat at 1,5 meters above the floor, away from kitchens, heat sources, windows and doors.



A= for 503-type embedded box (3 modules)  
B= for round embedded boxes

Unscrew this screw and turn the housing upward to remove the base for fixing.

# OPERATION

The chronothermostat has:

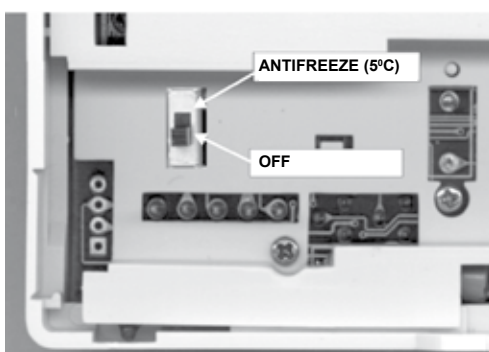
- 2 colored buttons, a red one and another blue for COMFORT and ECONOMY temperatures adjustment.
- 1 cursor for choosing the operation mode: AUTO 1, AUTO 2, COMFORT, ECONOMY, ANTIFREEZE.
- 1 cursor for choosing operation type: SUMMER or WINTER.
- 1 cursor to access the programming.
- 2 keys for current time setting.
- 3 keys (red - blue - black) to select between COMFORT, ECONOMY and ANTIFREEZE periods.
- 1 RESET button to reset the prescribed program.
- 1 cursor to select ANTIFREEZE mode at 5°C or OFF (ON at 0°C).

## VISUALIZATION

- Ambient temperature
- Current time
- Circular crown that represents a 24-hour format clock, is divided in 48 sectors (red, black, red and black): red color indicates COMFORT period; black indicates ANTIFREEZE period; red-black indicates the ECONOMY period.
- Possibility to visualize the statistical data of the installation: operation hours of the previous day and functioning beginning of Intellitherm C56A, previous day minimum and maximum temperature and time when it was measured.

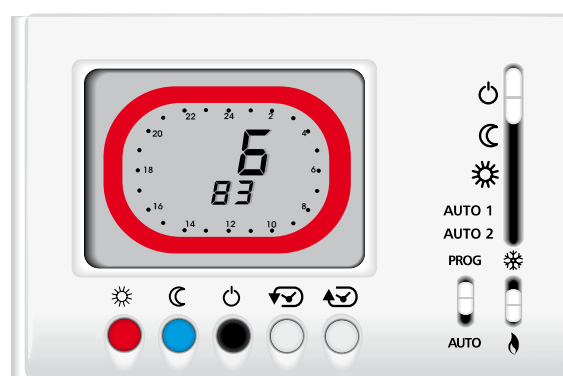


## OFF SELECTION OR OFF WITH FROST PROTECTION SELECTION



## OPERATION HOURS OF THE INSTALLATION

With Intellitherm C56A is possible to know for how many hours was "heat request" (relay closed-ON), the previous day and functioning beginning of the chronothermostat (ie, after inserting the batteries or from a reset).



## OPERATION MODES

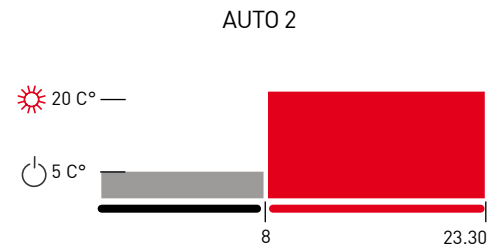
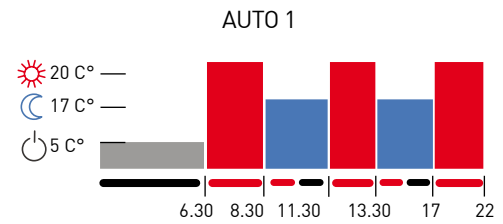
Two preset programs:

- AUTO 1 and AUTO 2 differentiated.

- 3 operation modes:

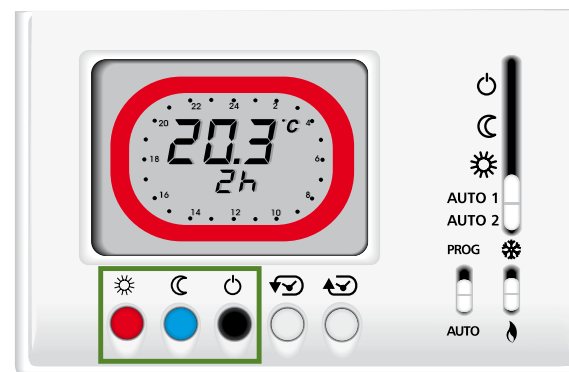
- ☀️ COMFORT keeps constant throughout the day and night the prescribed comfort temperature.
- 🌙 ECONOMY keeps constant throughout the day and night the prescribed economy temperature.
- 🔌 ANTIFREEZE keeps the temperature fixed in 5°C to protect the system from frost danger.

STANDARD AUTOMATIC PROGRAMS WITH THE TIME AND TEMPERATURE ALREADY PROGRAMMED IN THE FACTORY



- Personalized programming without intervention limits, even every half hour.
- Three temperatures, programmable as COMFORT and ECONOMY, and fixed as ANTIFREEZE (preset at 5°C).
- JOLLY function to exclude temporarily the automatic program, without modification, for obtaining continuously from 1 to 240 hours always the desired temperature (comfort, economy, OFF). After the preset time has passed Intellitherm resumes the automatically program.
- To reduce or exclude JOLLY period before the scheduled time expiry press a different color button than the one of the crown shown on the display.

### JOLLY FUNCTION



## FEATURES

- Front cover for batteries extraction.
- Display flashing in case of low batteries charge.
- Maintenance of all data during batteries replacement.
- Microprocessor and CMOS circuits.
- ☐ double insulation.
- Protection degree IP20.
- Unit weight 0,22 Kg.

# FANTINI COSMI SYSTEM

## CT3M/CT3MA - GSM PHONE ACTIVATOR

Intellitherm C56A is designed to be connected to the mobile line GSM phone activator Telecomfort CT3M/CT3MA. Telecomfort CT3M/CT3MA allows chronothermostat's remote control via SMS messages. It also allows the remote verification of the ambient temperature and the correct functioning of the chronothermostat.

CHRONOTHERMOSTAT C56A

INTERFACE CTI5

TELECOMFORT CT3M (see page 92)



## EXAMPLE OF INFORMATION FROM THE HEATING SYSTEM

SMS for  
sending  
#STATUS

SMS answer  
Ambient: 25.5  
Economy: 17.0  
Comfort: 21.0  
Input1: OFF  
Output: OFF  
Program: OFF  
Remote: Auto 1



Ambient temperature  
Set economy temperature  
Set comfort temperature  
Alarm input status  
Output relay status (connected to the user)  
In use program, set  
In use program, set via SMS (remotely)

## CR5 - RADIO WAVE CONTROL UNIT

Intellitherm C56A is designed for connection to CR5 (radio wave control unit).

CR5 radio wave control unit is useful in cases when chronothermostat is installed in a disadvantaged position, for example in corridor or near heat sources.

CHRONOTHERMOSTAT C56A

CR5 (see page 18)

