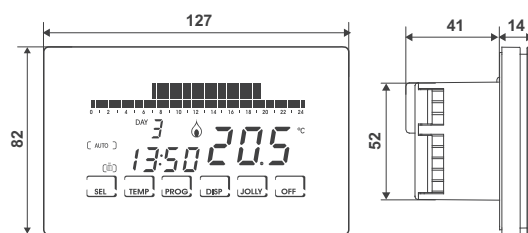# Intellitouch CH191-CH193

Weekly programmable thermostat, ultraflat and touch screen, with batteries or power supply at 230V-50Hz

Electronic programmable thermostat with microprocessor, white backlight LCD touch screen, and weekly program to control the heating and air-conditioning systems.

Dimensions (mm)

		Temperature regulation range	Prescribed differential*	Displayed temperature range	Adjustable antifreeze temperature range	Power supply	Contacts rating
CH191	■	2 ÷ 40 °C	0,3 K	-35 ÷ 50 °C	2 ÷ 7 °C	2 batteries AA 1,5V	5(3)A 250Vac
CH193	■	2 ÷ 40 °C	0,3 K	-35 ÷ 50 °C	2 ÷ 7 °C	230V 50Hz	5(3)A 250Vac
CH191B	□	2 ÷ 40 °C	0,3 K	-35 ÷ 50 °C	2 ÷ 7 °C	2 batteries AA 1,5V	5(3)A 250Vac
CH193B	□	2 ÷ 40 °C	0,3 K	-35 ÷ 50 °C	2 ÷ 7 °C	230V 50Hz	5(3)A 250Vac

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

CH191-CH193: black frame

CH191B-CH193B: white frame

CHARACTERISTICS

Power supply:
- without connection to the electric circuit with two 1,5 V AAA alkaline batteries for CH191 and CH191B.
- from the electric circuit 230V-50Hz for CH193 and CH193B.

Insulation class: II
Protection degree: IP20
Pollution degree: 2
Pulse voltage: 4000V
Connection: 3 screw terminals (contact switching NC and NO).
Type of action: 1BU (micro disconnection)
ON / OFF boiler control (settable from the main menu).
Acoustic signals: buzzer feedback with key pressing.
Perpetual clock calendar, with backup battery on CH193/CH193B models only.
Software Class A.
Minimum differential: ±0,1K.
Thermal gradient: 4K/h.
Maximum ambient temperature: 45 °C

HOMOLOGATION AND STANDARDS

Complies with EN 60730-1 standards.
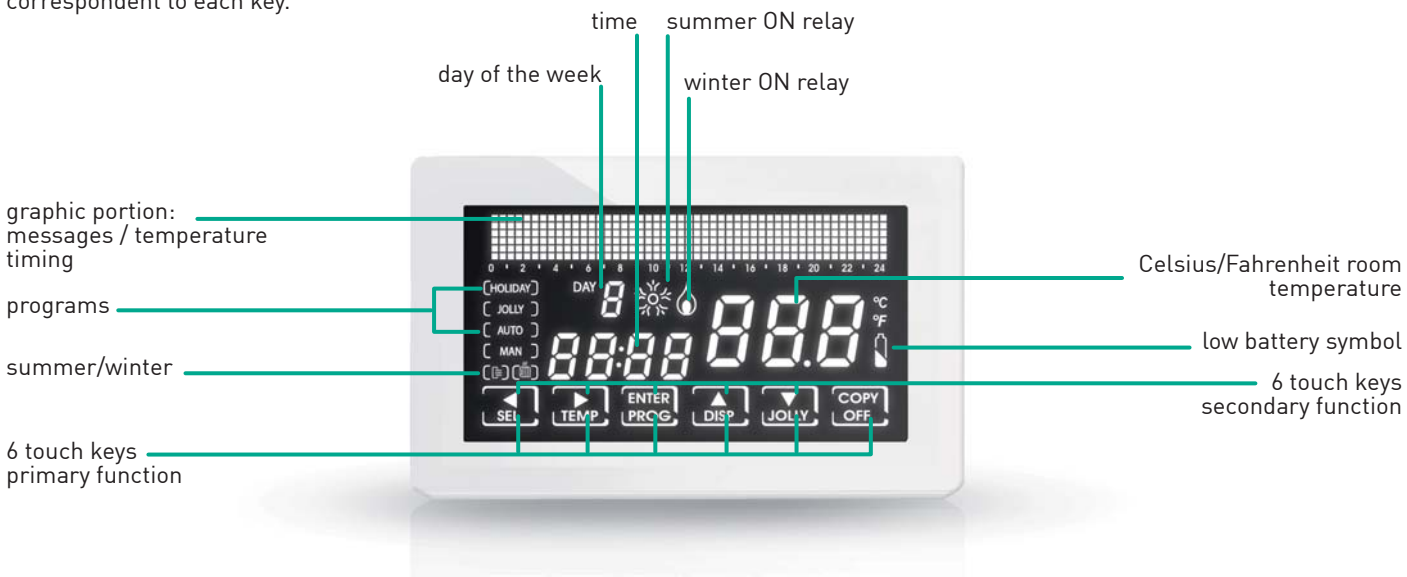ErP Class IV; 2% (Reg. EU 811/2013 - 813/2013)

CE EAC

INSTALLATION

Flush-mounting installation in 3-module 503 embedded boxes at a height of approximately 1.5 m above the floor.

OPERATION

Intellitouch programmable thermostat is provided with 6 keys and their functions change according to the displayed description correspondent to each key.

day of the week — time — summer ON relay — winter ON relay

graphic portion: messages / temperature timing

programs

summer/winter

6 touch keys primary function

Celsius/Fahrenheit room temperature

low battery symbol

6 touch keys secondary function

OPERATION MODES

Intellitouch programmable thermostat allows different modes of use, called programs:

- ■ MAN   Manual program
- ■ AUTO   Weekly program
- ■ HOLIDAY   Daily program
- ■ JOLLY   Temporary program
- ■ OFF   Switched off system or antifreeze program

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).
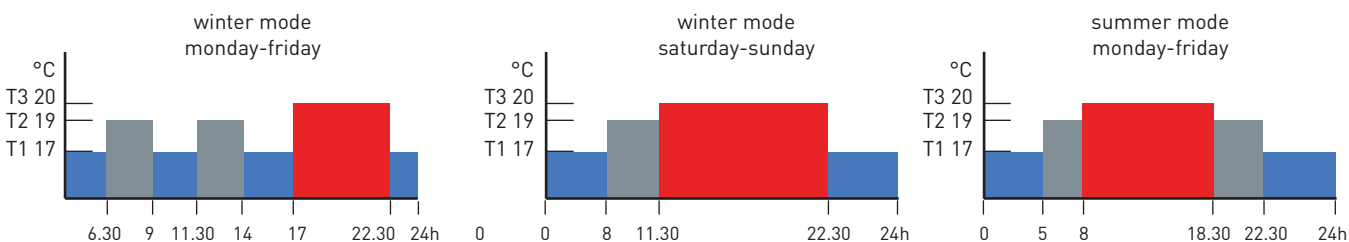In automatic mode can be set three temperature levels T1-T2-T3:
T1 can be set from 2 to 40 °C.
T2 can be set from 2 to 40 °C.
T3 can be set from 2 to 40 °C.
Antifreeze temperature -Ta it is set from 2 to 7 °C.
Note: T3 cannot be less than T2 and T2 cannot be less than T1.

winter mode monday-friday

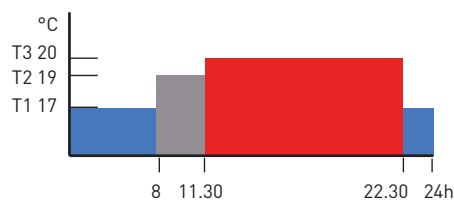winter mode saturday-sunday

summer mode monday-friday

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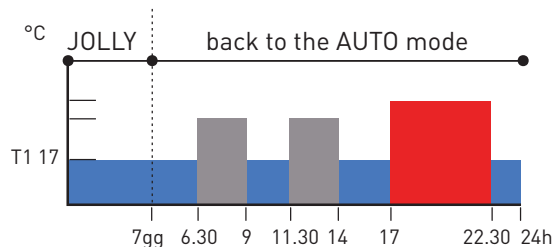In Holiday mode can be set three temperature levels T1-T2-T3.

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 2 to 7°C.
Complete turn-OFF of the system Ta=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
- Lock function for screen cleaning.

CONFIGURATION MENU
- Celsius / Fahrenheit
- Temperature correction
- Time profile customization
- Backlight costumizable in intensity and duration
- 4 languages: Italian, English, French and Spanish
- Lock function with PIN code to prevent unauthorized setting changes.
- Default settings reset

FANTINI COSMI SYSTEM

Separate probe
2-wire connection

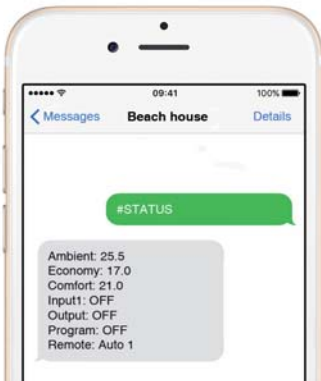EC18 External probe   EC19 Floor probe   EC20 Ambient probe

Telecomfort CT3MA - GSM phone activator

Intellitouch is designed to be connected to the mobile line GSM phone activator Telecomfort CT3MA.
Telecomfort CT3MA allows programmable thermostat's remote control via SMS messages. It also allows the remote verification of the ambient temperature and the correct functioning of the programmable thermostat.

Intelliclima

Intelliclima is the intuitive APP in addition to the text messages controls that allows the management of the thermostat from the smartphone. With the new Fantini Cosmi application is possible to regulate the temperature, turn ON/OFF the heating system at home, in the office, seaside or mountain home. The system is able to handle at the same time different residential settings and is possible to choose a profile through graphical interface.

Compatible with iOS and Android, to download from the stores (iTunes - Google Play).