

INSTALLATION

Installation

The **950C** daily and weekly electronic chronothermostat allows you to program the temperature in your house for each half an hour of the day and each day of the week.

In fact with **950C** you can decide when to have in your house a welcome temperature (**T2**) called "comfort", and when to save on heating costs setting up an "economy" temperature (**T1**).

You can see on **950C** the temperature daily programme, the ignition of the connected load, the present hour or room temperature.

950C avoids the waste of energy operating the heating and conditioning system only when it is necessary.

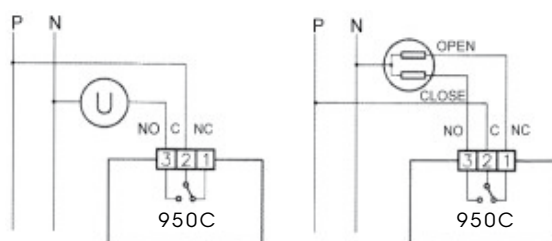


Fig.1

Connection to burner, wallmounted boiler, air conditioning system, spring-return zone valve.

Connection to zone valve.

950C can be directly installed on a 3 module recess box (semirecessed installation) or on the wall. In either cases, it is advisable to position it at a height of 1,5 meters from the wall, in a dry place, away from draughts and heat sources.

SEMI-RECESSED INSTALLATION (fig.2a)

After connecting the wiring as illustrated in Fig.1, fit the chronothermostat without its base directly on to the 3-module recess box, using the A type screws supplied.

WARNING:

AVOID OVERTIGHTENING, AS THIS COULD CAUSE DEFORMATION OF THE FRONT PIECES.

WALL INSTALLATION (fig.2b)

After having fixed the base to the wall using (C type) plugs and screws, connect the chronothermostat to the wiring, as illustrated in Fig. 1, and fix it to the base using B type screws.

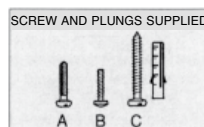


Fig.2a

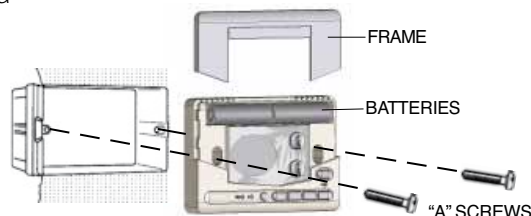
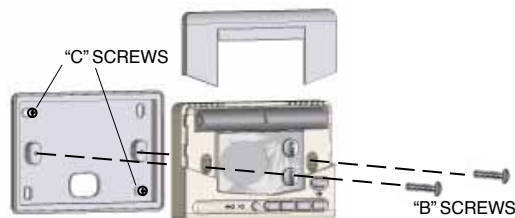


Fig.2b



DIGITAL ELECTRONIC ROOM CHRONOTHERMOSTAT

Supply

950C is supplied by two ordinary alkaline 1,5 Volt batteries which can guarantee at least 2 year operation. To place the batteries, remove up the frame and place the batteries please pay attention to the correct polarity of the batteries. (Fig.2a)

950C is provided with two battery run-down thresholds .

When the first threshold is overcome, the symbol " " will appear while the appliance will carry on working as usual.

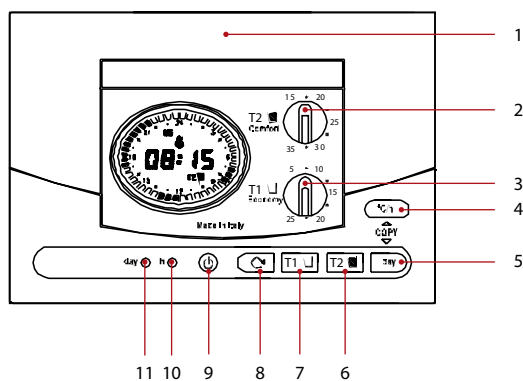
When the second threshold is reached, **950C** completely stops its thermoregulation functions while the display will only show the time , the day and the battery run-down symbol " " flashing.

During the battery changing operation, data will be kept stored for 3 minutes with the power off.

Warning: after replacement of batteries wait for 10 seconds that symbol " " disappears. If this not happen switch off and then light the chronothermostat pressing twice the key on/off (" ").

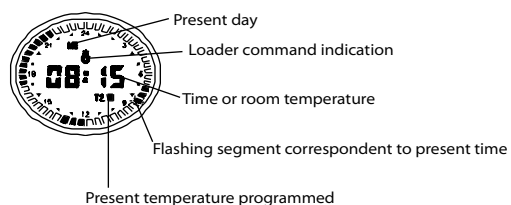
OPERATION AND PROGRAMMING: Starting

As soon as it is supplied with current, **950C** carries out a test cycle by lighting all the segments on the display and activating the load for a few seconds. In the case where this load ignition would to be avoided, supply the chronothermostat before to proceed with power connection.

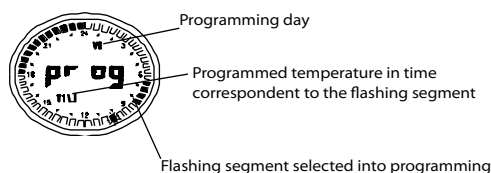


POS.	DESCRIPTION
1	Space batteries
2	Knob to set T2 (comfort)
3	Knob to set T1 (economy)
4	Key to see time and room temperature
5	Key to slide the days during programming
6	Key to assign T2 to selected segment during programming
7	Key to assign T1 to selected segment during programming
8	Key to slide the time during programming
9	Key On/Off
10	Hideaway key for time setting
11	Hideaway key for day setting



Normal operation





Programming




Display


950C is supplied by graphic display which shows daily temperatures program. The oval external crown is divided in 48 segments, and each of them corresponds to a half an hour. To locate the time interval corresponding to each segment for a easy program reading, there are inserted, every two sectors, the corresponding hour or a reference point of it. The sector relevant to the actual hour is lighting. Each sector can be full (dark) or empty (bright), indicating that the programmed temperature in its correspondent period is, respectively, **T2** (comfort temperature) or **T1** (economy temperature). On the display centre can be visualized, alternately, pressing the key "**°C/h**" the present hour or the room temperature. On this key two letters indicate the week day ("**MO**" for Monday, "**TU**" for Tuesday, and so on). Lower it is showed the symbol "**T1** " or "**T2** " which indicates the programmed temperature.






Programming

When **950C** is supplied, the timer starts from h. 00.00 of Monday (**MO**, see table 1), while the segments crown represents a using standard program in which "**T2** " is the comfort temperature, to be kept when it is colder; "**T1** " is the economy temperature, lower than **T2**, when you are not at home or when you are sleeping.



Lowong the shutter you can see all the necessary keys to program the chronothermostat in according to your personal needs.

*WARNING: The program operations described as follow must be carried out in "programming modalities", indicated on the display with "**prog**". To enter in this modalities press the sliding key () , to exit and save automatically the changes do not press any key for 20 seconds.*

*If during the operations you keep inactive the chronothermostat until when the notice "**prog**" is disappeared, before to proceed with programming it will be necessary to press one again the sliding key () .*



Pressing the sliding key () you can slide the daily program and, when the lighting messenger is positioned on the desired segment you can program the temperature pressing key "**T1** " or "**T2** ". In this way it is possible to program the intervals time where you wish comfort temperature (**T2** ) and those with economy temperature (**T1** ) in the day of Monday. After programming the first day, you can program all the other in two different ways:

- Copy the day just programmed into the following one using the "**COPY**" function (**°C/h** and **DAY** keys together);
- Move into the day after pressing **DAY** key; in this case it will be showed the program in memory or, if there is not, it will be showed the standard program.

In each case it is always possible to make other changes using as decribed above the keys "**°C**", "**T1** " and "**T2** ".

Setting of T1 and T2


T1 (economy temperature) and **T2** (comfort temperature) are easy to program by means of the two knobs on the front of the chronothermostat; for a better regulation proceed in the following way :

- Be sure to not be in programming modality, on the contrary wait until "**prog**" is cancelled;
- Press the key "**T1** " or "**T2** " correspondent to the temperature to be programmed, and the sector corresponding **T1** or **T2** will lighting on the display, and there will be indicated the programmed temperature;
- Regulate the temperature by the relevant knob (**T1** or **T2**) controlling the value on the display. After 5 seconds of inactivity the chronothermostat will come back to the normal conditions.

Programming of hour and day

With the help of a pointed instrument you can set the hour and the day (see table 1) by pressing the two "**h**" and "**day**" hideaway keys.

Key ON/OFF

The key **ON/OFF**  deactivate thermoregulation functions keeping anyway in memory and activating the starting procedure described above. Press once again the key to come back to the normal function.

RESET function

Pressing at the same time the keys "**°C**", "**T1** " , "**T2** " and "**DAY**" will be cancelled all the programs in memory and will be activated the starting procedure described above.

This function is called **RESET** and it can be used when it is necessary to cancel the recorded program, or when the chronothermostat is bad functioning.