

# CR 115 BI DAILY CHRONOTHERMOSTAT

EN 60730-2-9 EN 60730-1

**tecno  
switch**  
keep control

Congratulations for the purchase of the "TIZIANO" daily chronothermostat.  
We suggest you to read carefully this handbook in order to obtain the best performance from the item.  
"TIZIANO" chronothermostat grants the ideals temperatures every moment during the day.

## Its best feaures are:

1. Easy to use;
2. The high quality guaranteed by "MADE IN ITALY";
3. Refined design in association with "LOPS DESIGN" agency;
4. Two operation mode: Automatic and Manual with Heating and Cooling directions.

## COMMANDS fig 1

1. Comfort Knob (☼);
2. Economy Knob (☾);
3. Switch to select Heating (☼) and Cooling (☾) directions;
4. Switch to select the Automatic use (☉),  
Manual use with Comfort temperature (☼) or off position (☐);
5. Arrow saying the right time;
6. Clock;
7. Hand clock;
8. Pins switches to set up the program;
9. Battery case;

## INSTALLATION

The chronothermostat must stand at 1.5mt from the floor, avoiding sources of heat, windows or doors.

To Install the chronothermostat, please read carefully the following indications:

Open up the chronothermostat body, screw off (please set the grapes apart, afterwards they will be useful to fix the chronostat at the wall) and drawing out the base of the chronothermostat, fig 2 and 3;

Fix the base of chronothermostat at the wall (fig 4)

Connect the Heating and Cooling wires to the clamps (fig 5)

Hook up the cover at the base (fig 3) and fix it with a screw (fig 2)

Insert n.2 Alkaline 1,5V battery inside the battery case with the correct polarity write in the bottom.

After that, close the battery case with the appropriate cover.

**KEEP ATTENTION:** Wrong battery insertion could damage the device

## TIME SETTING

Spin in clockwise direction the metal ring of the clock until the little black arrow says the current time,

Synchronize the current time with the hand clock

Ex: By the clock it's 03:30 p.m. fig 6

## HEATING AND COOLING SETTINGS

"TIZIANO" chronothermostat can regulate heating systems (hot-water heater) or cooling systems (air conditioner).

Select the Flame symbol to set up the heating use (fig.3.1)

Select the Snow symbol to set up the cooling use. (fig.3.1)

## AUTOMATIC USE

With the automatic use, the chronothermostat can regulate the room temperature according to the installed program.

- a. Select the Automatic switch (☉);
- b. Spin the comfort temperature knob (☼) at the desired temperature;
- c. Move the switch Pins toward the outer of the clock, related to the time of the desired comfort temperature;
- d. Spin the economy temperature knob (☾) at the desired temperature
- e. Move the switch Pins toward the inner of the dock, related to the time of the desired comfort temperature

Example:  
1. If we want to get a 25° comfort temperature from 6.00 to 8.00 and from 5.45 pm to 9.00 pm, and a 10° economy temperature in the remaining time, please follow the instructions.

2. Select the automatic switch;
- Move the 8 Pins-switches between 6.00 and 8.00, and the 13 pin-switches between 5.45 pm and 9.00 pm towards the outer;
3. Spin the knob of the comfort temperature to 25°;
4. Spin the knob of the Economy temperature to 10°. fig 7

With these settings, the chronothermostat will actuate the system if the room-temperature falls below the comfort temperature (25°),  
from 6:00 to 8:00 and from 5:45 pm to 9:00.

During the day the system will be actuated automatically if the room-temperature has been fallen below the economy temperature (10°).

## MANUAL USE

Unlike the automatic use, the manual use allows the chronothermostat to maintain the same temperature during the 24h, regardless of the program set up.

To actuate it please set the switch on the sun symbol and regulate the comfort temperature desired. (☼)

## OFF POSITION

Set the selector to the "off" symbol. (☐)

In this mode the "anti-freeze" function remains active. This is done in order to avoid water freezing damages, in case the temperature should fall below 5°C.

## RESET

Using anomalies or technical hitch can require the RESET of the device

Please take the batteries off out the chronothermostat and insert them again.

## REPLACING BATTERIES

If the device stops to work, batteries should be replaced.

The Alkaline batteries should be replaced each beginning of the winter/summer season. The incorrect positioning of the batteries could cause damages to the device.

## TECHNICAL FEAUTERS

Electro-mechanics chronothermostat with two kind of temperature adjustable.

Power supply: 2 X1.5V AA batteries.

Batteries autonomy more than 1 year.

Temperature range: +2°C... +35°C;

Using limits temperature: 0°C..+40°C;

Relé output with NA/ COM and NC 5A-250Vac connection.

Class A software

Protection grade IP 30

Thermal insulation

Sensor type: NTC 1%

Hysteresis: +/- 0.3°C

## "Tiziano" CR 115 BI



fig 1

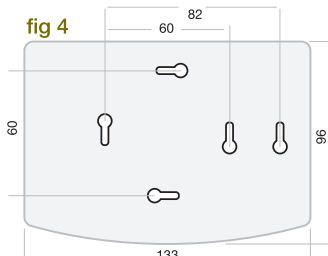


fig. 5

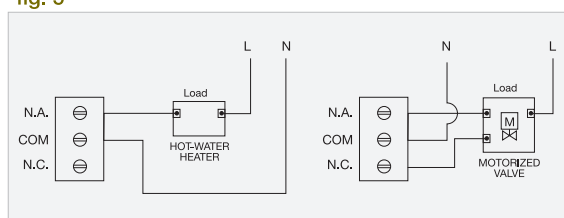
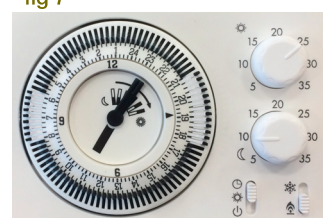


fig 6



fig 7



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Pursuant to Legislative Decree No. 49 of March 14, 2014 "Implementation of Directive 2012/19 / EU on waste electrical and electronic equipment (WEEE)" The crossed out wheeled bin "WEEE" symbol on the appliance show that the product at the end of its useful life must be collected separately from other waste. Therefore, the user must provide the equipment with the essential components at the recycling centre for electronic and electrotechnical devices or return it to the dealer when you purchase an equivalent appliance in one to one reason, or 1 to zero for equipment with a side lower than 25cm. The correct recycling helps to avoid possible negative effects on the environment and on health favoring the recycling of the materials that make up the equipment. The illegal disposal of the product by the user involves administrative sanctions as per Legislative Decree No. 49 of March 14, 2014.



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