

DC 41.S THERMOSTAT INSTRUCTION

ATTENTION!

Put the device into service **only after** making sure that the water is circulating through the conditioner.

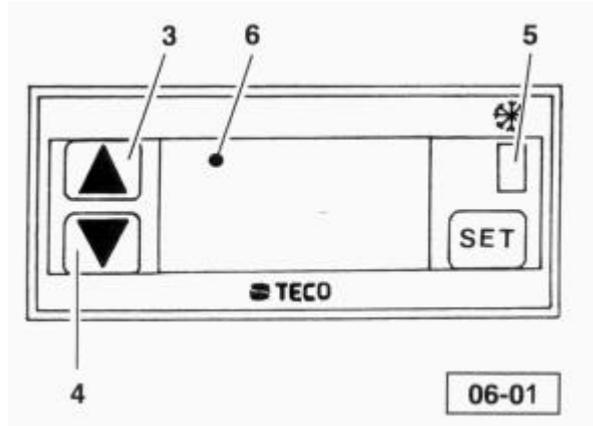
Programming temperature

Models RA (fig. 06-01)

After pressing the **SET key**, the indicator light **Ref.6** will appear to indicate that the programming function is enabled and the previously set temperature value will appear on the display.

Press the keys **Ref.3** (increase) or **Ref.4** (decrease) to enter the required temperature, then confirm the value by pressing the **SET** key; the temperature read by the probe will subsequently appear.

The indicator light **Ref.5** shows if the chiller is



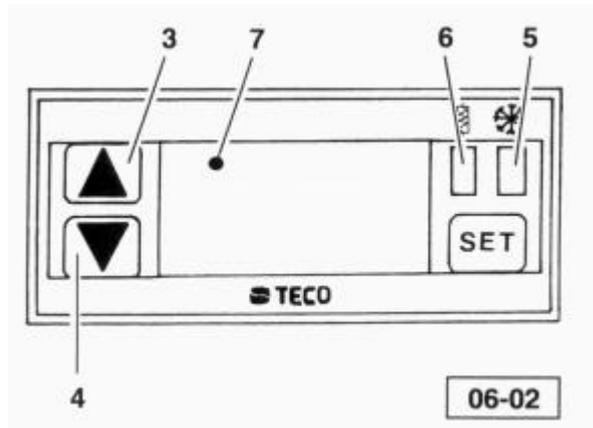
Models CA (Fig. 06-02)

After pressing the **SET** key, the indicator light **Ref.7** will appear to indicate that the programming function is enabled and the previously set temperature value will appear on the display.

Press the keys **Ref.3** (increase) or **Ref.4** (decrease) to enter the required temperature, then confirm the value by pressing the **SET** key; the temperature read by the probe will subsequently appear.

The indicator light **Ref.5** shows if the chiller is working.

The indicator light **Ref.6** shows if the heater is working.



The data of the electronic distribution board pre-set by the manufacturer are:

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- differential 1°C above the temperature set by the user.

IMPORTANT: In the case of Mod. RA2000 and CA2000 the differential is 2°C above the temperature set by the user.

PROGRAMMING THERMOSTAT

ATTENTION!

These instructions shall be used on your own responsibility.

So TECO shall not be liable for any indirect, special, incidental or consequential damages, whether based on tort (including negligence), product liability or otherwise, even if has been advised of the possibility of such damages.

Keyboard locking

By pushing the UP and DOWN keys simultaneously for 10 seconds, the access to operating parameters menu is locked (POF displayed for 2 seconds), avoiding accidental tampering by personnel. To unlock the keyboard push the UP and DOWN keys simultaneously for 10 seconds (PON displayed for 2 seconds).

How to adjust operating parameters

1. Push for 10 seconds the SET key
2. The led 6 RA model or led 7 CA model will start blinking
3. On the display will appear for 2 seconds the code of the first parameter; afterwards the previously selected value of the parameter will appear
4. Within 15 seconds modify the displayed value by pushing UP or DOWN key
5. Within 10 seconds confirm the newly selected value by pushing the SET key
6. The new value will blink for 2 seconds to indicate its confirmation and storage
7. On the display will appear for 2 seconds the code of the next parameter; afterwards the value of the parameter will appear. To modify the value go to the point 4
8. To modify a following parameter push SET key until the proper code is displayed

NOTE: If no key is pushed within 10 seconds, the controller will leave the modification procedure and return to normal functioning

Configuration parameters

Parameters	Descriptions	Value °C	Value °F
b1	Set point	10	50
b2	Ramp at switch on	0	0
b4	Dead band	0	0
b5	Hysteresis of direct action (cooling)	1	2
b6	Hysteresis of reverse action (heating)	1	2
b7	Set point lower limit	5	40
b8	Set point upper limit	30	85
b9	Antycycling time	180	180
b10	Alarm set point	-50	-50
b11	Alarm delay	999	999
b15	Offset	0	0
b16	Resolution	0	0
b17	Measuring unit	0	1
b21	Controlling operating delay at power-on	3	3
b26	Ramp operating delay at power-on	0	0

NOTE: Please ignore the parameters which will not be displayed.