

## LIST OF PARAMETERS TYPE F

	Parameter	Type	Min	Max	U.M.	Default	Cossiga
/5	display in °C/° F (0= °C, 1=° F)	F	0	1	-	0	
/6	probe S2 measurement display	F	-	-	°C/° F	-	
<b>REGULATOR PARAMETERS</b>							
P1	regulator 1 differential (0= 0.5 °C)	F	0	19	C/ F	3	3
P2	regulator 2 differential (0= 0.5 °C)	F	0	19	°C/ °F	3	
<b>ALARM PARAMETERS</b>							
AL	low temperature alarm threshold (absolute value)	F	-50	AH	°C/ °F	-50	
AH	high temperature alarm threshold (absolute value)	F	AL	150	°C/ °F	150	
H5	Identification code	F	-99	99	-	10	-1
t	reserved	F	-127	127	-	-	

## LIST OF PARAMETERS TYPE C

	Parameter	Type	Min	Max	U.M.	Default	Cossiga
/2	Measurement stability	C	1	15	-	6	
/4	selection of the probe to be displayed (0= S1, 1= S2)	C	0	1	-	0	
/C	ambient probe calibration (x 0.1 °C/ °F)	C	-127	127	°C/ °F	0	<b>0 *</b>
<b>REGULATOR PARAMETERS</b>							
r1	regulator 1 mode (0= Direct / 1= Reverse)	C	0	1	-	0	1
r2	regulator 2 mode (0= Direct / 1= Reverse)	C	0	1	-	0	
r3	minimum allowed set	C	-50	r4	°C/ °F	-50	
r4	maximum allowed set	C	r3	150	°C/ °F	60	84
r5	regulator 2 probe (0= S1, 1= S2)	C	0	1	-	0	
<b>REGULATION TIMINGS</b>							
c0	outputs activation delay from the start-up of the instrument	C	0	199	min	0	
c1	regulation outputs minimum operation time	C	0	15	min	0	
c2	regulation outputs minimum shut-down time	C	0	15	min	0	
c3	interlock of the regulator start-up (0= no; 1= yes)	C	0	1	-	0	
c4	minimum time between the start-up of two outputs	C	0	199	s	0	
<b>ALARM PARAMETERS</b>							
A0	Alarm differential (0= 0.5 °C/ °F)	C	0	19	°C/ °F	0	2
At	Temperature alarm delay	C	0	199	min	0	
Ad	external alarm detection delay from digital input	C	0	15	min	0	
<b>DIGITAL INPUT PARAMETERS</b>							
dl	digital input operation mode	C	0	2	-	0	
	Def.: dl=0, digital input not used. Parameter available in the models with digital input						
<b>OTHER SELECTIONS</b>							
H0	reserved	C	0	199 -	-	1	
H1	alarm signal output mode (0= OFF; 1= ON)	C	0	1	flag	1	0
H2	mode out2 (0= alarm, 1= regulation)	C	0	1	flag	1	
H3	keypad disabling (0= disabled)	C	0	1	-	1	
H4	buzzer disabling (1= disabled)	C	0	1	-	0	

### Item's to check when setting up controller

\* - May need to be calibrated depending on model of cabinet and placement of probe.

Controller can flash E1 (Probe Error) when temperature is greater than 90°C. It will reset when temperature drops down. Check that the relay is not faulty. The temperature is exceeding the probe range

**Quick access**

*(Please refer to the manual or info sheet for more detail)*



**SET-Point (Desired temperature value)**

- Press the “set 1” button for one second to display the set point to be modified
- Press the “PRG” button to display the set point value
- Press the up “set 1” or the down “set 2” buttons to increase or decrease the set point value
- Press the “PRG” button to confirm the new required set point



**Access Configuration Parameters (C Type)**

- In case of an alarm, first silence the buzzer
- Press the “prg” button for more than 5 sec until ‘PS’ comes up on the display
- Press the “prg” key and it will display “00”
- Press the up “set 1” or the down “set 2” button until ‘22’ is displayed
- Confirm by pressing the “prg” key – this will enter you into the parameters (C type)
- Press the up “set 1” or the down “set 2” button to go to the required parameter \*\*
- Press “PRG” to display the Value of the required parameter
- Increase or decrease the parameter value using the “UP” or “DOWN” Key
- Press “PRG” to confirm the new value
- Continue on to the next parameter to be changed and repeat steps \*\*



**IMPORTANT** – once all required parameters have been changed you must press the “PRG” button for at least 5 sec to store the new values and exit the ‘Parameter Modification’