

RK 808L Multipurpose digital controller for electric ovens

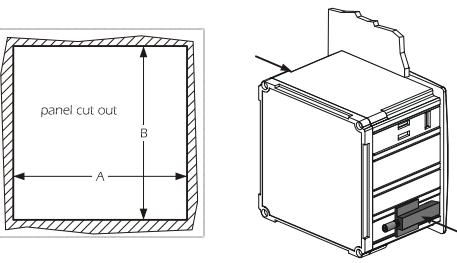
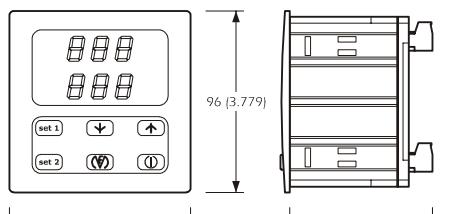
GB ENGLISH
1 GETTING STARTED
1.1 Important

Read these instructions carefully before installing and using the instrument and follow all additional information for installation and electrical connection.

Keep these instructions close to the instrument for future consultations.

1.2 Installing the instrument

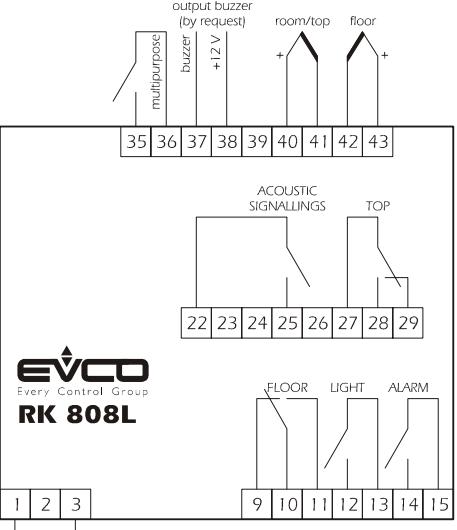
Panel mounting, with screw brackets; dimensions in mm (in).



DIMENS.	MINIMUM	TYPICAL	MAXIMUM
A	92.0 [3.622]	92.0 [3.622]	92.8 [3.653]
B	92.0 [3.622]	92.0 [3.622]	92.8 [3.653]

Additional information for installation:

- the maximum panel thickness must be 4 mm (0.157 in)
- position the brackets as indicated; moderate the clamping torque, in order not to damage box and brackets
- working conditions (ambient temperature, humidity, etc.) must be between the limits indicated in the technical data
- do not install the instrument close to heating sources (resistances, hot air ducts, etc.), locations subject to direct sunlight, rain, humidity, dust, mechanical vibrations or bumps, devices provided with big magnetics (big speakers, etc.)
- according to the safety norms, the protection against electrical parts must be ensured by a correct installation of the instrument; the parts that ensure the protection must be installed so that you can not remove them if not by using a tool.

1.3 Wiring diagram


EVCO
Every Control Group
RK 808L

- Additional information for electrical connection:
- do not operate on the terminal blocks with electrical or pneumatic screwdrivers
 - if the instrument has been moved from a cold to a warm location, the humidity will condense on the inside; wait about an hour before supplying the instrument
 - test the working power supply voltage, working electrical frequency and working electrical power of the instrument; they must correspond with the local power supply
 - disconnect the local power supply before servicing the instrument
 - provide the probes with a protection able to protect them against contacts with metal parts or use insulated probes
 - do not use the instrument as safety device
 - for repairs always use the sales network
 - for any further information concerning the instrument please consult Evco.

2 CONFIGURING THE INSTRUMENT
2.1 Preliminary information

You can configure the instrument to work with one probe (default value, hereinafter called "instrument with one probe", room probe) or with two probes (hereinafter called "instrument with two probes", top probe and floor probe).

2.2 Selecting the configuration

To gain access the procedure:

- switch off the power supply of the instrument
- restore the power supply
- press **(1)** 3 times in 4 s since the power supply has been restored: the instrument will show "SEL" flashing in the display at the top and an indication on the probe number in the display at the bottom.

INDICAT.	MEANING
1Pb	Instrument with one probe (room probe)
2Pb	Instrument with two probes (top probe and floor probe)

Otherwise:

- press **(1)** 1 s to turn the instrument off
- press **(1)** and **(2)** 4 s: the instrument will show "1" in the display at the top and an indication on the probe number in the display at the bottom
- press **(1)** or **(2)** to select "PA" in the display at the top
- press **(1)** the instrument will show "PA" flashing in the display at the top and its value in the display at the bottom
- press **(1)** or **(2)** in 15 s to set "743" in the display at the bottom
- press **(1)** and **(2)** 4 s: the instrument will show "SEL" flashing in the display at the top

- To modify the probe number:
- press **(W)** 1 s: the instrument will show "SEL" flashing in the display at the top alternated with "1".

To quit the procedure:

- press **(1)** 1 s or switch off the power supply of the instrument.
- If you modify the probe number, the instrument will not lose the value of configuration parameters.

2.3 Restoring default configuration parameters

- gain access the procedure to select the configuration
- press **(1)** the instrument will show "DEF" flashing in the display at the top
- do not operate 15 s.

2.4 Setting the percentage of power supplied to the top

- press **(set 1)** during the modification of the working setpoint: the instrument will show the percentage of power supplied to the top in the display at the top and "PO1" in the display at the bottom
- press **(1)** or **(2)** in 15 s (look at parameter c0, too)
- do not operate 15 s.

2.5 Setting the percentage of power supplied to the floor

- press **(set 1)** during the modification of the percentage of power supplied to the top: the instrument will show the percentage of power supplied to the floor in the display at the top and "PO2" in the display at the bottom
- press **(1)** or **(2)** or do not operate 15 s: the instrument will show "SEL" flashing in the display at the top and the buzzer will utter a short beep.

To quit the procedure:

- press **(1)** 1 s or switch off the power supply of the instrument.

3 USER INTERFACE
3.1 Turning the instrument on/off

- press **(1)** 1 s.

Turning off means turning the instrument off via software (the instrument is connected with the power supply).

3.2 User interface for instruments with one probe

If the instrument is turned on:

- the display at the top will show the room temperature
- the display at the bottom will show the working setpoint.

If the instrument is turned off, the displays will be switched off.

3.3 User interface for instruments with two probes

If the instrument is turned on:

- the display at the top will show the top temperature or the top setpoint, according to parameter c9A
- the display at the bottom will show the floor temperature or the floor setpoint, according to parameter c9B.

If the instrument is turned off, the displays will be switched off.

3.4 Selecting the quantity to show in the display at the top (only instruments with two probes)

- make sure the instrument is turned on
- press **(set 1)**

The instrument will show in succession:

- top temperature (LED **set 1** will be switched off)
- top setpoint (LED **set 1** will be lit).

If you turn the instrument off, it will restore parameter c9B.

3.5 Selecting the quantity to show in the display at the bottom (only instruments with two probes)

- make sure the instrument is turned on
- press **(set 2)**

The instrument will show in succession:

- floor temperature (LED **set 2** will be switched off)
- floor setpoint (LED **set 2** will be lit).

If you turn the instrument off, it will restore parameter c9B.

3.6 Silencing the alarms

press a button.

This will also turn off the output for acoustic signalling.

3.7 Turning the chamber light on/off

- make sure the instrument is turned on
- press **(W)**

3.8 Activating/interrupting function Quick heating (only instruments with one probe)

- make sure the instrument is turned on
- press **(2)** 1 s (look at parameter c3, too).

During this function the instrument supplies the maximum power both to the top and to the floor.

4 SETPOINT
4.1 Setting the working setpoint (only instruments with one probe)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument will show the working setpoint in the display at the top and "SP" in the display at the bottom
- press **(1)** or **(2)** in 15 s (you can set the working setpoint between the limits you have set with parameters r1A and r2A)
- do not operate 15 s.

4.2 Setting the top setpoint (only instruments with two probes)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument will show the top setpoint in the display at the top
- press **(1)** or **(2)** in 15 s (you can set the top setpoint between the limits you have set with parameters r1A and r2A)
- do not operate 15 s.

4.3 Setting the floor setpoint (only instruments with two probes)

make sure the instrument is turned on

- press **(set 2)** 1 s: the instrument will show the floor setpoint in the display at the bottom
- press **(1)** or **(2)** in 15 s (you can set the floor setpoint between the limits you have set with parameters r1B and r2B)
- do not operate 15 s.

4.4 Internal diagnostics
4.1 Internal diagnostics
4.2 Percentage of power supplied to the top and to the floor (only instruments with one probe)
4.3 Configuration parameters
4.1 Configuration of the point of consigne (only instruments with one probe)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.2 Configuration of the point of consigne (only instruments with two probes)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.3 Configuration of the point of consigne (only instruments with one probe)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.4 Configuration of the point of consigne (only instruments with two probes)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.5 Configuration of the point of consigne (only instruments with one probe)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.6 Configuration of the point of consigne (only instruments with two probes)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.7 Configuration of the point of consigne (only instruments with one probe)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.8 Configuration of the point of consigne (only instruments with two probes)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.9 Configuration of the point of consigne (only instruments with one probe)

make sure the instrument is turned on

- press **(set 1)** 1 s: the instrument visualizes the point of consigne in the display in high and "SP" in the display in low
- press **(1)** or **(2)** d'ici 15 s (the point of consigne is configurable in the display in high)
- do not operate 15 s.

4.10 Configuration of the point of consigne (only instruments with two probes)

make sure the instrument is turned on

- press **(set 1)</**

7 SIGNALISATIONS	
7.1 Signalisations	
LED	SIGNIFICATION
out 1	LED voûte/réglage si allumée, la sortie voûte/sortie réglage est en marche
set 1	LED point de consigne voûte si allumée, l'appareil visualise le point de consigne voûte dans le display en haut (paramètre c9A) si clignote, la modification du point de consigne/point de consigne voûte est en cours
out 2	LED sole si allumée, la sortie sole est en marche
set 2	LED point de consigne sole si allumée, l'appareil visualise le point de consigne sole dans le display en bas (paramètre c9b) si clignote, la modification du point de consigne sole est en cours
°C	LED degré Celsius si allumée, l'unité de mesure des températures est le degré Celsius (paramètre P8)
°F	LED degré Fahrenheit si allumée, l'unité de mesure des températures est le degré Fahrenheit (paramètre P8)
(W)	LED multifonction si allumée, la lumière de la chambre est allumée
(I)	LED on/stand-by si allumée, l'appareil est arrêté
INDICAT.	SIGNIFICATION
F - F	si clignote dans le display en haut en alternance avec la température de la chambre, la fonction Chauffage rapide est en marche [seulement appareils avec une sonde]
8 ALARMES	
8.1 Alarms	
CODE	SIGNIFICATION
AL1	Alarme température de la chambre/température de la voûte (paramètres A1A et A4A) Remèdes: <ul style="list-style-type: none">■ vérifier la température de la chambre/de la voûte Consequences: <ul style="list-style-type: none">■ la sortie alarme est mise en marche■ la sortie acoustique est mise en marche
AL2	Alarme température de la sole (seulement appareils avec deux sondes, paramètres A1b et A4b) Remèdes: <ul style="list-style-type: none">■ vérifier la température de la sole Consequences: <ul style="list-style-type: none">■ la sortie alarme est mise en marche■ la sortie acoustique est mise en marche
9 DIAGNOSTIQUE INTERNE	
9.1 Diagnostique interne	
CODE	SIGNIFICATION
SEL	Alarme configuration
le buzzer	Remèdes: <ul style="list-style-type: none">■ restaurer les paramètres de configuration d'usine Consequences: <ul style="list-style-type: none">■ les sorties sont éteintes
ne sonne pas	
PF1	Alarme sonde chambre voûte Remèdes: <ul style="list-style-type: none">■ vérifier le type de sonde (paramètre P0)■ vérifier l'intégrité de la sonde■ vérifier le raccordement appareil-sonde■ vérifier la température de la chambre Consequences: <ul style="list-style-type: none">■ la sortie voûte/sortie réglage et la sortie sole sont éteintes (appareils avec une sonde)■ la sortie voûte est éteinte (appareils avec deux sondes)■ la sortie acoustique est mise en marche
PF2	Alarme sonde sole (seulement appareils avec deux sondes) Remèdes: <ul style="list-style-type: none">■ les mêmes du cas précédent Consequences: <ul style="list-style-type: none">■ la sortie sole est éteinte■ la sortie acoustique est mise en marche
Err	Alarme interne Remèdes: <ul style="list-style-type: none">■ interrompre l'alimentation de l'appareil; si l'alarme ne disparaît pas, il est nécessaire de changer l'appareil Consequences: <ul style="list-style-type: none">■ les sorties sont éteintes
10 DONNEES TECHNIQUES	
10.1 Données techniques	
Boîtier:	autoextinguible gris.
Degré de protection de la face avant:	IP 65.
Connecteurs:	borniers débrachables (alimentation, entrées et sorties).
Température ambiante:	de 0 à 55 °C (de 32 à 131 °F, 10 ... 90% d'humidité relative sans condensation).
Alimentation:	230 Vca, 50/60 Hz, 4 VA.
Buzzer d'alarme:	incorporé.
Entrées de mesure:	1 (sonde chambre) ou 2 (sonde voûte et sonde sole) pour thermocouples J/K.
Entrées digitales:	1 (multifonction) pour contact NO/NF (contact sec, 5 V 1 mA).
Echelle:	de 0 à 700 °C (de 32 à 999 °F) pour thermocouple J, de 0 à 999 °C (de 32 à 999 °F) pour thermocouple K.
Résolution:	1 °C/1 °F.

Sorties: 5 relais de 8 A @ 250 Vca (voir le paragraphe 1.3 de la section en Anglais).

GB ENGLISH																							
11 SETPOINTS AND CONFIGURATION PARAMETERS																							
11.1 Setpoints																							
<table border="1"> <thead> <tr><th></th><th>MIN.</th><th>MAX.</th><th>U.M.</th><th>DEF.</th><th>SETPOINTS</th></tr> </thead> <tbody> <tr><td>r1A</td><td>r2A</td><td>°C/F (I)</td><td>0</td><td>working setpoint/top setpoint</td><td></td></tr> <tr><td>r1b</td><td>r2b</td><td>°C/F (I)</td><td>0</td><td>floor setpoint</td><td></td></tr> </tbody> </table>							MIN.	MAX.	U.M.	DEF.	SETPOINTS	r1A	r2A	°C/F (I)	0	working setpoint/top setpoint		r1b	r2b	°C/F (I)	0	floor setpoint	
	MIN.	MAX.	U.M.	DEF.	SETPOINTS																		
r1A	r2A	°C/F (I)	0	working setpoint/top setpoint																			
r1b	r2b	°C/F (I)	0	floor setpoint																			
11.2 Configuration parameters																							
<table border="1"> <thead> <tr><th>PARAM.</th><th>MIN.</th><th>MAX.</th><th>U.M.</th><th>DEF.</th><th>PASSWORD</th></tr> </thead> <tbody> <tr><td>PA</td><td>-99</td><td>999</td><td>---</td><td>0</td><td>password</td></tr> </tbody> </table>						PARAM.	MIN.	MAX.	U.M.	DEF.	PASSWORD	PA	-99	999	---	0	password						
PARAM.	MIN.	MAX.	U.M.	DEF.	PASSWORD																		
PA	-99	999	---	0	password																		
<table border="1"> <thead> <tr><th>P0</th><th>0</th><th>I</th><th>---</th><th>0</th><th>kind of probe (0 = J, 1 = K)</th></tr> </thead> </table>						P0	0	I	---	0	kind of probe (0 = J, 1 = K)												
P0	0	I	---	0	kind of probe (0 = J, 1 = K)																		
<table border="1"> <thead> <tr><th>P1A</th><th>-25/-50</th><th>25/50</th><th>°C/F (I)</th><th>0</th><th>room probe/top probe calibration</th></tr> </thead> </table>						P1A	-25/-50	25/50	°C/F (I)	0	room probe/top probe calibration												
P1A	-25/-50	25/50	°C/F (I)	0	room probe/top probe calibration																		
<table border="1"> <thead> <tr><th>P1b</th><th>-25/-50</th><th>25/50</th><th>°C/F (I)</th><th>0</th><th>floor probe calibration (visible only in the instruments with two probes)</th></tr> </thead> </table>						P1b	-25/-50	25/50	°C/F (I)	0	floor probe calibration (visible only in the instruments with two probes)												
P1b	-25/-50	25/50	°C/F (I)	0	floor probe calibration (visible only in the instruments with two probes)																		
<table border="1"> <thead> <tr><th>P8</th><th>0</th><th>I</th><th>---</th><th>0</th><th>unit of measure temperature (0 = °C, 1 = °F)</th></tr> </thead> </table>						P8	0	I	---	0	unit of measure temperature (0 = °C, 1 = °F)												
P8	0	I	---	0	unit of measure temperature (0 = °C, 1 = °F)																		
<table border="1"> <thead> <tr><th>PARAM.</th><th>MIN.</th><th>MAX.</th><th>U.M.</th><th>DEF.</th><th>ROOM TEMPERATURE/TOP TEMPERATURE REGULATOR</th></tr> </thead> </table>						PARAM.	MIN.	MAX.	U.M.	DEF.	ROOM TEMPERATURE/TOP TEMPERATURE REGULATOR												
PARAM.	MIN.	MAX.	U.M.	DEF.	ROOM TEMPERATURE/TOP TEMPERATURE REGULATOR																		
<table border="1"> <thead> <tr><th>r0A</th><th>1</th><th>99</th><th>°C/F (I)</th><th>5</th><th>differential (it is relative to the working setpoint/top setpoint)</th></tr> </thead> </table>						r0A	1	99	°C/F (I)	5	differential (it is relative to the working setpoint/top setpoint)												
r0A	1	99	°C/F (I)	5	differential (it is relative to the working setpoint/top setpoint)																		
<table border="1"> <thead> <tr><th>r1A</th><th>0</th><th>r2A</th><th>°C/F (I)</th><th>50</th><th>minimum working setpoint/top setpoint programmable</th></tr> </thead> </table>						r1A	0	r2A	°C/F (I)	50	minimum working setpoint/top setpoint programmable												
r1A	0	r2A	°C/F (I)	50	minimum working setpoint/top setpoint programmable																		
<table border="1"> <thead> <tr><th>r2A</th><th>r1A</th><th>999</th><th>°C/F (I)</th><th>350</th><th>maximum working setpoint/top setpoint programmable</th></tr> </thead> </table>						r2A	r1A	999	°C/F (I)	350	maximum working setpoint/top setpoint programmable												
r2A	r1A	999	°C/F (I)	350	maximum working setpoint/top setpoint programmable																		
<table border="1"> <thead> <tr><th>PARAM.</th><th>MIN.</th><th>MAX.</th><th>U.M.</th><th>DEF.</th><th>FLOOR TEMPERATURE REGULATOR (VISIBLE ONLY IN THE INSTRUMENTS WITH TWO PROBES)</th></tr> </thead> </table>						PARAM.	MIN.	MAX.	U.M.	DEF.	FLOOR TEMPERATURE REGULATOR (VISIBLE ONLY IN THE INSTRUMENTS WITH TWO PROBES)												
PARAM.	MIN.	MAX.	U.M.	DEF.	FLOOR TEMPERATURE REGULATOR (VISIBLE ONLY IN THE INSTRUMENTS WITH TWO PROBES)																		
<table border="1"> <thead> <tr><th>r0b</th><th>I</th><th>99</th><th>°C/F (I)</th><th>5</th><th>differential (it is relative to the floor setpoint)</th></tr> </thead> </table>						r0b	I	99	°C/F (I)	5	differential (it is relative to the floor setpoint)												
r0b	I	99	°C/F (I)	5	differential (it is relative to the floor setpoint)																		
<table border="1"> <thead> <tr><th>r1b</th><th>0</th><th>r2b</th><th>°C/F (I)</th><th>50</th><th>minimum floor setpoint programmable</th></tr> </thead> </table>						r1b	0	r2b	°C/F (I)	50	minimum floor setpoint programmable												
r1b	0	r2b	°C/F (I)	50	minimum floor setpoint programmable																		
<table border="1"> <thead> <tr><th>r2b</th><th>r1b</th><th>999</th><th>°C/F (I)</th><th>350</th><th>maximum floor setpoint programmable</th></tr> </thead> </table>						r2b	r1b	999	°C/F (I)	350	maximum floor setpoint programmable												
r2b	r1b	999	°C/F (I)	350	maximum floor setpoint programmable																		
<table border="1"> <thead> <tr><th>PARAM.</th><th>MIN.</th><th>MAX.</th><th>U.M.</th><th>DEF.</th><th>ROOM TEMPERATURE/TOP TEMPERATURE ALARM</th></tr> </thead> </table>						PARAM.	MIN.	MAX.	U.M.	DEF.	ROOM TEMPERATURE/TOP TEMPERATURE ALARM												
PARAM.	MIN.	MAX.	U.M.	DEF.	ROOM TEMPERATURE/TOP TEMPERATURE ALARM																		
<table border="1"> <thead> <tr><th>A1A</th><th>0</th><th>999</th><th>°C/F (I)</th><th>300</th><th>upper temperature alarm set [2]</th></tr> </thead> </table>						A1A	0	999	°C/F (I)	300	upper temperature alarm set [2]												
A1A	0	999	°C/F (I)	300	upper temperature alarm set [2]																		
<table border="1"> <thead> <tr><th>A4A</th><th>0</th><th>I</th><th>---</th><th>I</th><th>enabling the alarm (I = YES)</th></tr> </thead> </table>						A4A	0	I	---	I	enabling the alarm (I = YES)												
A4A	0	I	---	I	enabling the alarm (I = YES)																		
<table border="1"> <thead> <tr><th>PARAM.</th><th>MIN.</th><th>MAX.</th><th>U.M.</th><th>DEF.</th><th>FLOOR TEMPERATURE ALARM (VISIBLE ONLY IN THE INSTRUMENTS WITH TWO PROBES)</th></tr> </thead> </table>						PARAM.	MIN.	MAX.	U.M.	DEF.	FLOOR TEMPERATURE ALARM (VISIBLE ONLY IN THE INSTRUMENTS WITH TWO PROBES)												
PARAM.	MIN.	MAX.	U.M.	DEF.	FLOOR TEMPERATURE ALARM (VISIBLE ONLY IN THE INSTRUMENTS WITH TWO PROBES)																		
<table border="1"> <thead> <tr><th>A1b</th><th>0</th><th>999</th><th>°C/F (I)</th><th>300</th><th>upper temperature alarm set [2]</th></tr> </thead> </table>						A1b	0	999	°C/F (I)	300	upper temperature alarm set [2]												
A1b	0	999	°C/F (I)	300	upper temperature alarm set [2]																		
<table border="1"> <thead> <tr><th>A4b</th><th>0</th><th>I</th><th>---</th><th>I</th><th>enabling the alarm (I = YES)</th></tr> </thead> </table>						A4b	0	I	---	I	enabling the alarm (I = YES)												
A4b	0	I	---	I	enabling the alarm (I = YES)																		
<table border="1"> <thead> <tr><th>PARAM.</th><th>MIN.</th><th>MAX.</th><th>U.M.</th><th>DEF.</th><th>POWER SUPPLIED TO THE TOP AND TO THE FLOOR</th></tr> </thead> </table>						PARAM.	MIN.	MAX.	U.M.	DEF.	POWER SUPPLIED TO THE TOP AND TO THE FLOOR												
PARAM.	MIN.	MAX.	U.M.	DEF.	POWER SUPPLIED TO THE TOP AND TO THE FLOOR																		
<table border="1"> <thead> <tr><th>c0</th><th>0</th><th>2</th><th>---</th><th>0</th><th>bond between the percentages of power supplied to the top and to the floor (0 = no bond, I = if you modify the percentage of power supplied to one output, the instrument will automatically supply the maximum power to the other one, 2 = if you modify the percentage of power supplied to one output, the instrument will automatically adjust the percentage of power supplied to the other one in order that the sum of the percentages will always be 100%; visible only in the instruments with one probe)</th></tr> </thead> </table>						c0	0	2	---	0	bond between the percentages of power supplied to the top and to the floor (0 = no bond, I = if you modify the percentage of power supplied to one output, the instrument will automatically supply the maximum power to the other one, 2 = if you modify the percentage of power supplied to one output, the instrument will automatically adjust the percentage of power supplied to the other one in order that the sum of the percentages will always be 100%; visible only in the instruments with one probe)												
c0	0	2	---	0	bond between the percentages of power supplied to the top and to the floor (0 = no bond, I = if you modify the percentage of power supplied to one output, the instrument will automatically supply the maximum power to the other one, 2 = if you modify the percentage of power supplied to one output, the instrument will automatically adjust the percentage of power supplied to the other one in order that the sum of the percentages will always be 100%; visible only in the instruments with one probe)																		
<table border="1"> <thead> <tr><th>c1</th><th>I</th><th>999</th><th>s</th><th>80</th><th>cycle time to turn on the top output and the floor output (visible only in the instruments with one probe)</th></tr> </thead> </table>						c1	I	999	s	80	cycle time to turn on the top output and the floor output (visible only in the instruments with one probe)												
c1	I	999	s	80	cycle time to turn on the top output and the floor output (visible only in the instruments with one probe)																		
<table border="1"> <thead> <tr><th>c3</th><th>-99</th><th>0</th><th>°C/F (I)</th><th>-10</th><th>temperature above which the instrument suspends function Quick heating automatically (it is relative to the working setpoint; visible only in the instruments with one probe) [3]</th></tr> </thead> </table>						c3	-99	0	°C/F (I)	-10	temperature above which the instrument suspends function Quick heating automatically (it is relative to the working setpoint; visible only in the instruments with one probe) [3]												
c3	-99	0	°C/F (I)	-10	temperature above which the instrument suspends function Quick heating automatically (it is relative to the working setpoint; visible only in the instruments with one probe) [3]																		
<table border="1"> <thead> <tr><th>c9A</th><th>0</th><th>I</th><th>---</th><th>0</th><th>quantity showed in the display at the top when the instrument is turned on [0 = top temperature, 1 = top setpoint; visible only in the instruments with two probes]</th></tr> </thead> </table>						c9A	0	I	---	0	quantity showed in the display at the top when the instrument is turned on [0 = top temperature, 1 = top setpoint; visible only in the instruments with two probes]												
c9A	0	I	---	0	quantity showed in the display at the top when the instrument is turned on [0 = top temperature, 1 = top setpoint; visible only in the instruments with two probes]																		
<table border="1"> <thead> <tr><th>c9b</th><th>0</th><th>I</th><th>---</th><th>0</th><th>quantity showed in the display at the bottom when the instrument is turned on [0 = floor temperature, 1 = floor setpoint; visible only in the instruments with two probes]</th></tr> </thead> </table>						c9b	0	I	---	0	quantity showed in the display at the bottom when the instrument is turned on [0 = floor temperature, 1 = floor setpoint; visible only in the instruments with two probes]												
c9b	0	I	---	0	quantity showed in the display at the bottom when the instrument is turned on [0 = floor temperature, 1 = floor setpoint; visible only in the instruments with two probes]																		
<table border="1"> <thead> <tr><th>PARAM.</th><th>MIN.</th><th>MAX.</th><th>U.M.</th><th>DEF.</th><th>DIGITAL INPUTS</th></tr> </thead> </table>						PARAM.	MIN.	MAX.	U.M.	DEF.	DIGITAL INPUTS												
PARAM.	MIN.	MAX.	U.M.	DEF.	DIGITAL INPUTS																		
<table border="1"> <thead> <tr><th>i0</th><th>0</th><th>I</th><th>---</th><th>0</th><th>kind of contact multipurpose input (0 = NO, 1 = NC)</th></tr> </thead> </table>						i0	0	I	---	0	kind of contact multipurpose input (0 = NO, 1 = NC)												
i0	0	I	---	0	kind of contact multipurpose input (0 = NO, 1 = NC)																		
<table border="1"> <thead> <tr><th>i1</th><th>0</th><th>2</th><th>---</th><th>0</th><th>action given by the activation of the multipurpose input (0 = no action, 1 = the same you get pressing (W), 2 = the buzzer will be silenced and the output for acoustic signalling will be turned off)</th></tr> </thead> </table>						i1	0	2	---	0	action given by the activation of the multipurpose input (0 = no action, 1 = the same you get pressing (W), 2 = the buzzer will be silenced and the output for acoustic signalling will be turned off)												
i1	0	2	---	0	action given by the activation of the multipurpose input (0 = no action, 1 = the same you get pressing (W), 2 = the buzzer will be silenced and the output for acoustic signalling will be turned off)																		

(1) it depends on parameter P8

(2) the differential is 10 °C/18 °F

(3) every time the temperature falls below "working setpoint - c3", the function will automatically be restored; to interrupt it, press (▼) 1 s.

FRANÇAIS					
11 POINTS DE CONSIGNE ET PARAMETRES DE CONFIGURATION					
11.1 Points de consigne					
POINTS DE CONSIGNE					
point de consigne/point de consigne voûte					
point de consigne sole					
11.2 Paramètres de configuration					
MOT DE PASSE					
mot de passe					
ENTREES DE MESURE					
type de sonde (0 = J, 1 = K)					
calibration sonde chambre/sonde voûte					