

8 WORKING SETPOINTS AND CONFIGURATION PARAMETERS

8.1 Working setpoints									
MIN.	MAX.	U.M.	EVX201	EVX211	WORKING SETPOINTS				
r1	r2	°C/°F (1)	0.0	0.0	working setpoint				

8.2 Configuration parameters									
PARAM. MIN.	MAX.	U.M.	EVX201	EVX211	MAIN REGULATOR				
r0	0.1	15.0	°C/°F (1)	2.0	2.0	working setpoint differential			
r1	-99.0	r2	°C/°F (1)	-50.0	-50.0	minimum working point			
r2	r1	99.0	°C/°F (1)	50.0	50.0	maximum working point			
r3	0	1	---	---	0	locking the working setpoint modification (with the procedure related in paragraph 3.1)			

PARAM. MIN.	MAX.	U.M.	EVX201	EVX211	COMPRESSOR PROTECTIONS				
C0	0	240	min	0	compressor delay since you turn on the instrument				
C1	0	240	min	not present	5 minimum time between two activations in succession of the compressor; also compressor delay since the end of the cabinet probe error (3)				
C2	0	240	min	3	3 minimum time the compressor remains turned off				
C3	0	240	s	not present	0 minimum time the compressor remains turned on				
C4	0	240	min	not present	10 time the compressor remains turned off during the cabinet probe error; also look at C5				
C5	0	240	min	not present	10 time the compressor remains turned on during the cabinet probe error; also look at C4				

PARAM. MIN.	MAX.	U.M.	EVX201	EVX211	DEFROST				
D0	0	99	h	8	8 defrost interval; also look at dB (5)				
						0 = the defrost, at intervals will never be activated			
C3	0	99	min	30	defrost duration				
						0 = the defrost will never be activated			
D4	0	1	---	0	0 defrost when you turn on the instrument				
						1 = YES			
D5	0	99	min	0	0 defrost delay when you turn on the instrument (only if dB = 1)				
						0 = cabinet temperature			
						1 = if to the defrost activation the cabinet temperature is below 'working setpoint + r0'; at most 'working setpoint + r0'; if to the defrost activation the cabinet temperature is above 'working setpoint + r0'; at most the cabinet temperature to the defrost activation (6)			
D6	0	1	---	1	1 temperature shown during the defrost				
						0 = cabinet temperature			
						1 = if to the defrost activation the cabinet temperature is below 'working setpoint + r0'; at most 'working setpoint + r0'; if to the defrost activation the cabinet temperature is above 'working setpoint + r0'; at most the cabinet temperature to the defrost activation (6)			
D8	0	1	---	not present	0 kind of defrost interval				
						0 = the defrost will be activated when the instrument will have remained turned on the time d0			
						1 = the defrost will be activated when the compressor will have remained turned on the time d0			

PARAM. MIN.	MAX.	U.M.	EVX201	EVX211	TEMPERATURE ALARMS				
A1	-99.0	99.0	°C/°F (1)	not present	-10.0 temperature below which the lower temperature alarm is activated; also look at A2				
						(4)			
A2	0	2	---	not present	1 kind of lower temperature alarm				
						0 = alarm not enabled			
						1 = relative to the 'working setpoint (or 'working setpoint - A1'; consider A1 without sign)			
						2 = absolute (so A1)			
A4	-99.0	99.0	°C/°F (1)	not present	10.0 temperature above which the upper temperature alarm is activated; also look at A5				
						(4)			

A5	0	2	---	not present	1	tipo di allarme di temperatura di massima
						0 = allarme assente
						1 = relativo al 'sempoint di lavoro (ovvero 'sempoint di lavoro + A4'; considerare A4 senza segno)
						2 = assoluto (ovvero A4)
A6	0	240	min	not present	120	upper temperature alarm delay since you turn on the instrument
A7	0	240	min	not present	15	temperature alarm delay
A8	0	240	min	not present	15	upper temperature alarm delay since the end of the defrost (7)
PARAM. MIN.	MAX.	U.M.	EVX201	EVX211	RESERVED	NETE SERIAL (MODBUS)
LA	1	247	---	not present	247	instrument address
Lb	0	3	---	not present	2	baud rate
						0 = 2,400 baud
						1 = 4,800 baud
						2 = 9,600 baud
						3 = 19,200 baud
LP	0	2	---	not present	2	parity
						0 = nessuna parità
						1 = dispari
						2 = pari
PARAM. MIN.	MAX.	U.M.	EVX201	EVX211	RESERVED	RESERVED
E9	0	1	---	not present	1	reserved

- (1) the unit of measure depends on parameter P2
 (2) **set the parameters related to the regulators appropriately after the modification of the parameter P2**
 (3) if parameter C1 has value 0, the delay since the end of the cabinet probe error will however be 2 min
 (4) the differential of the parameter is 2.0 °C/4 °F
 (5) the instrument stores the count of the defrost interval every 30 min (only EVX211); the modification of parameter d0 has effect since the end of the previous defrost interval or since (with the procedure indicated in paragraph 3.1)
 (6) the activation of a defrost by hand
 (7) during the defrost the temperature alarms are not enabled, on condition that they have arisen after the activation of the defrost.
- (1) l'unità di misura dipende dal parametro P2
 (2) **impostare opportunamente i parametri relativi ai regolatori dopo la modifica del parametro P2**
 (3) se il parametro C1 è impostato a 0, il ritardo dalla conclusione dell'errore sonda cella sarà comunque di 2 min
 (4) il differenziale del parametro è di 2,0 °C/4 °F
 (5) lo strumento memorizza il conteggio dell'intervallo di sbrinatorio ogni 30 minuti (solo EVX211); la modifica del parametro d0 ha effetto dalla conclusione dell'errore sonda cella
 (6) durante lo sbrinatorio gli allarmi di temperatura sono assenti, a condizione che questi si siano manifestati dopo l'attivazione dello sbrinatorio.



The instrument must be disposed according to the local legislation about the collection for electrical and electronic equipment.
 Lo strumento deve essere smaltito secondo le normative locali in materia di raccolta delle apparecchiature elettriche ed elettroniche.