



**PLEASE READ CAREFULLY** and save this document  
CONSIDER THE ENVIRONMENT

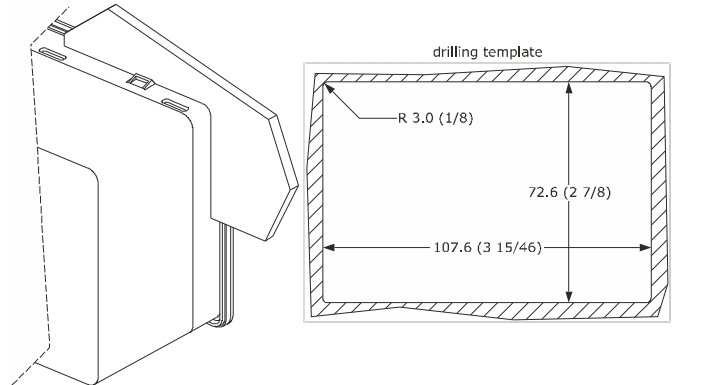
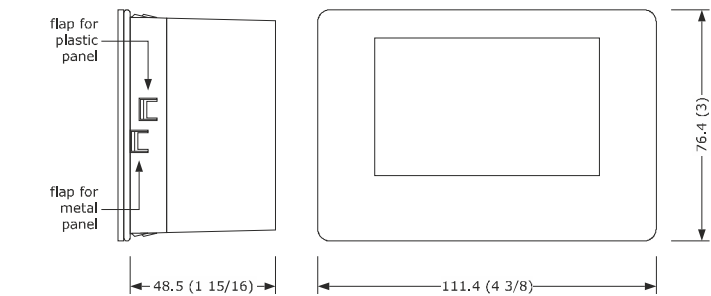
- EN ENGLISH**
- Controllers for low temperature units.
  - Power supply 230 VAC.
  - Incorporated clock (according to the model).
  - Cabinet probe and evaporator probe (PTC/NTC).
  - Door switch input.
  - Compressor relay 16 A res. @ 250 VAC or 30 A res. @ 250 VAC (according to the model).
  - Alarm buzzer.
  - TTL MODBUS slave port for EVconnect APP or BMS.
  - Port for SD card data-logger module EVBD05 (according to the model).
  - Models in plastic container or open-frame (according to the model).

**1 MEASUREMENTS AND INSTALLATION | Measurements in mm (inches)**

**1.1 Models in plastic container for front installation**

Front installation on a plastic or metal panel (with elastic holding flaps).

**N.B.**  
The thickness of a metal panel must be between 0.8 and 1.5 mm (1/32 and 1/16 in), while that for a plastic panel must be between 0.8 and 3.4 mm (1/32 and 1/8 in).

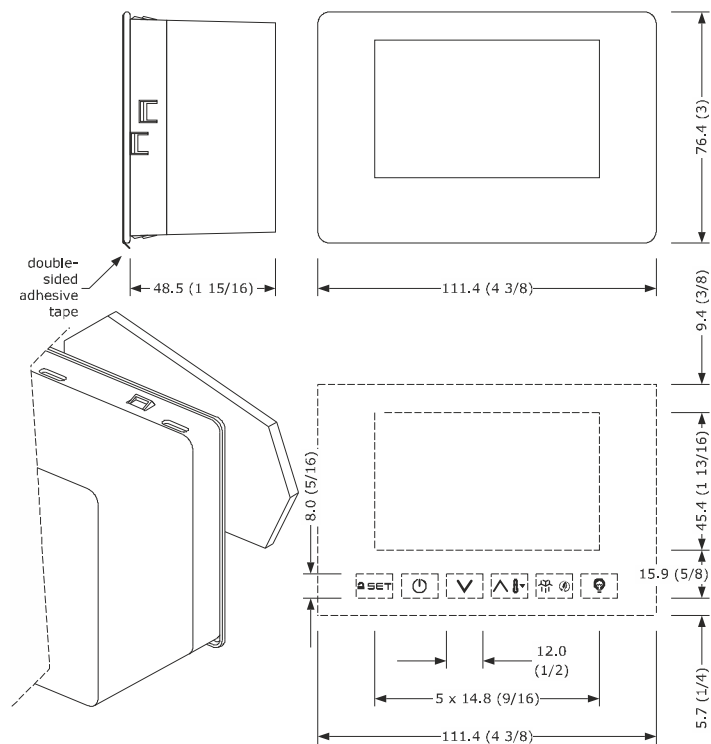


**1.2 Models in plastic container installed from behind**

Installed from behind a glass or methacrylate panel (with biadhesive) customizing the keys on the front of the unit.

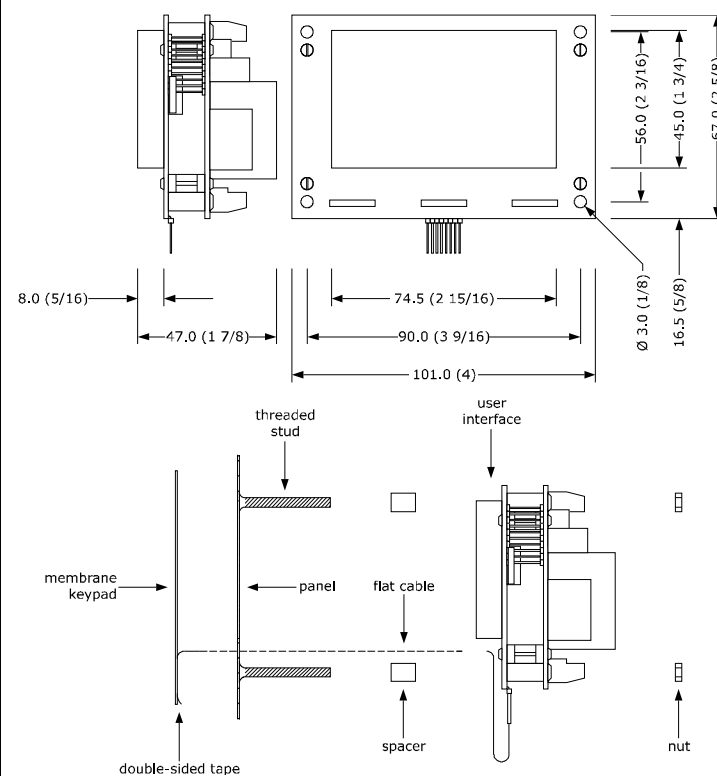
**N.B.**

- The thickness of a glass panel must be between 2.0 and 4.0 mm (1/16 and 1/8 in), while that for a methacrylate panel must be between 2.0 and 3.0 mm (1/16 e 1/8 in).
- The panel and the material used to make screen printing must not contain conductive substances
- Keep the device and the panel at a temperature between 15 and 38 °C (59 and 100 °F) about an hour before the installation
- Before the installation clean the panel surface in contact with the biadhesive carefully, making sure the product used to clean is suitable for the panel material (we recommend using isopropyl alcohol, hydrocarbon solvent in case of greasy surfaces); keep cleaning with a cloth as long as it results clean and dry after the use
- During the installation, exert a uniform and constant pressure about 30 s on the panel surface in contact with the biadhesive; later keep the device and the panel horizontally about 48 h at a temperature between 15 and 38 °C (59 and 100 °F).



**1.3 Open-frame models**

To be installed from behind, with threaded studs and membrane keypad.



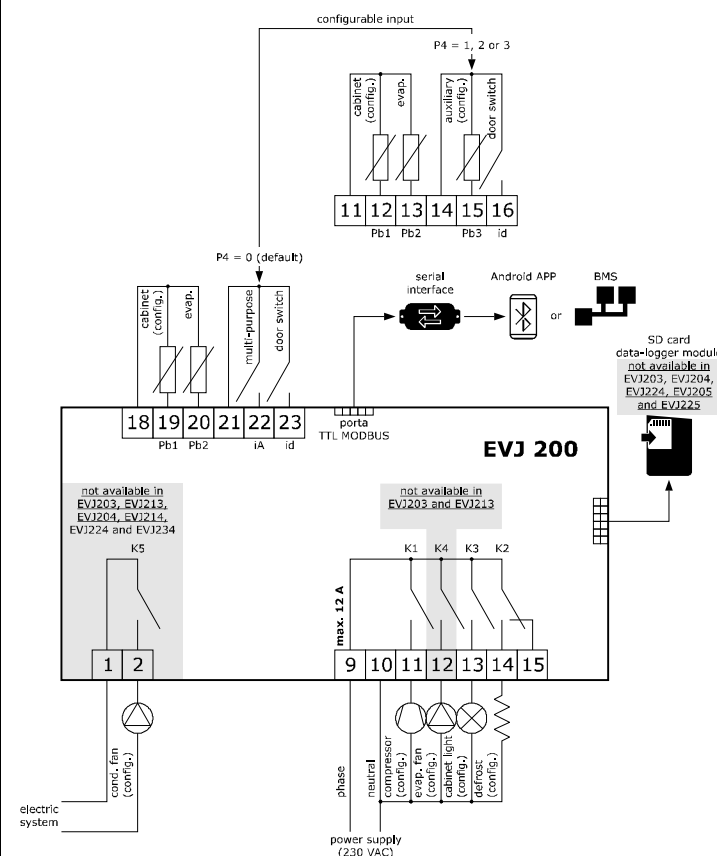
**INSTALLATION PRECAUTIONS**

- Ensure that the working conditions are within the limits stated in the **TECHNICAL SPECIFICATIONS** section.
- Do not install the device close to heat sources, equipment with a strong magnetic field, in places subject to direct sunlight, rain, damp, excessive dust, mechanical vibrations or shocks.
- In compliance with safety regulations, the device must be installed properly to ensure adequate protection from contact with electrical parts. All protective parts must be fixed in such a way as to need the aid of a tool to remove them.

**2 ELECTRICAL CONNECTION**

**N.B.**

- Use cables of an adequate section for the current running through them.
- To reduce any electromagnetic interference connect the power cables as far away as possible from the signal cables.



**PRECAUTIONS FOR ELECTRICAL CONNECTION**

- If using an electrical or pneumatic screwdriver, adjust the tightening torque.
- If the device has been moved from a cold to a warm place, the humidity may have caused condensation to form inside. Wait about an hour before switching on the power.
- Make sure that the supply voltage, electrical frequency and power are within the set limits. See the section **TECHNICAL SPECIFICATIONS**.
- Disconnect the power supply before doing any type of maintenance.
- Do not use the device as safety device.
- For repairs and for further information, contact the EVCO sales network.

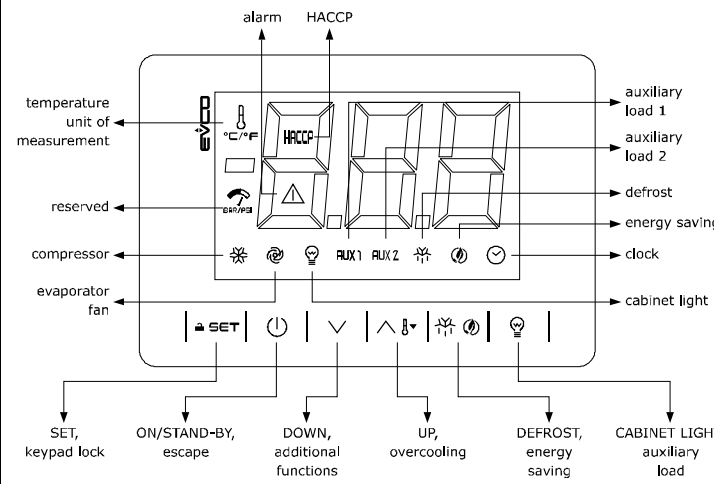
**3 FIRST-TIME USE**

1. Install following the instructions given in the section **MEASUREMENTS AND INSTALLATION**.
2. Power up the device and an internal test will be run. The test normally takes a few seconds, when it is finished the display will switch off.
3. Configure the device as shown in the section **Setting configuration parameters**. Recommended configuration parameters for first-time use.

PAR.	DEF.	PARAMETER	MIN... MAX.
SP	0.0	setpoint	r1... r2
PO	1	probe type	0 = PTC 1 = NTC
P2	0	temperature unit of measurement	0 = °C 1 = °F
d1	0	defrost type	0 = electric 1 = hot gas 2 = compressor stopped

4. Then check that the remaining settings are appropriate; see the section **CONFIGURATION PARAMETERS**.
5. Disconnect the device from the mains.
6. Make the electrical connection as shown in the section **ELECTRICAL CONNECTION** without powering up the device.
7. For the connection in an RS-485 network connect the interface EVIF22TSX or EVIF23TSX, to activate real time functions in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225 connect the module EVIF23TSX, for recording HACCP data in CSV format on SD card connect the module EVBD05, to use the device with the Android APP EVconnect connect the interface EVIF25TBX (or use EVJ214N7VXXRXV, EVJ234 or EVJ235); see the relevant instruction sheets. **If EVIF22TSX or EVIF23TSX is used, set parameter BLE to 0**
8. Power up the device.

**4 USER INTERFACE AND MAIN FUNCTIONS**



**4.1 Switching the device on and off**

1. If POF = 1 (default), touch the ON/STAND-BY key for 2s.
- If the device is switched on, the display will show the P5 value ("cabinet temperature" default); if the display shows an alarm code, see the section **ALARMS**.

LED	ON	OFF	FLASHING
	compressor on	compressor off	- compressor protection active - setpoint being set
	evaporator fan on	evaporator fan off	evaporator fan stop active
	cabinet light on	cabinet light off	cabinet light on by digital input
<b>AUX 1</b>	auxiliary function 1 on	auxiliary function 1 off	- auxiliary function 1 on by digital input - auxiliary function 1 delay active
<b>AUX 2</b>	auxiliary function 2 on	auxiliary function 2 off	- auxiliary function 2 on by digital input - auxiliary function 2 delay active
	defrost or pre-drip active	-	- defrost delay active - dripping active
	- energy saving active - low consumption active	-	-
	view time	-	set date, time and day of the current week
	view temperature	-	overcooling or overheating active
<b>HACCP</b>	saved HACCP alarm	-	new HACCP alarm saved
	alarm active	-	-

If Loc = 1 (default) and 30s have elapsed without the keys being pressed, the display will show the "Loc" label and the keypad will lock automatically.

**4.2 Unlock keypad**

Touch a key for 1s: the display will show the label "Unl".

**4.3 Set the setpoint (if r3 = 0, default)**

Check that the keypad isn't locked.

1. Touch the SET key.
2. Touch the UP or DOWN key within 15s to set the value within the limits r1 and r2 (default "-40... 50").
3. Touch the SET key (or do not operate for 15s).

**4.4 Activate manual defrost (if r5 = 0, default)**

Check that the keypad is not locked and that overcooling is not active.

1. Touch the DEFROST key for 2s.

If P3 = 1 (default), defrost is activated provided that the evaporator temperature is lower than the d2 threshold.

**4.5 Cabinet light on/off (if u1c... u5c = 5)**

1. Touch the CABINET LIGHT key.

**4.6 Button-operated load on/off (if u1c... u5c = 10 or 11)**

1. Touch the CABINET LIGHT key (for 2s if u1c... u5c = 5).

If u1c... u5c = 6, the demisting switch on for the u6 duration.

**4.7 Silence buzzer (if u9 = 1, default)**

Touch a key.

If u1c... u5c = 11 and u4 = 1, the alarm output is deactivated.

**5 ADDITIONAL FUNCTIONS**

**5.1 Activate/deactivate overcooling and overheating**

Check that the keypad is not locked.

1. Touch the UP key for 2s.

FUNCTION	CONDITION	CONSEQUENCE
overcooling	r5 = 0 and defrost not active	the setpoint becomes "setpoint - r6", for the r7 duration
overheating	r5 = 1	the setpoint becomes "setpoint + r6", for the r7 duration

**5.2 Activate/deactivate energy saving in manual mode (if r5 = 0)**

Check that the keypad is not locked.

1. Touch the DEFROST key.

The setpoint becomes "setpoint + r4", at maximum for HE2 duration.

**5.3 Activate the high or low humidity functions (if F0 = 5)**

Check that the keypad isn't locked.

1. Touch the DOWN key for 1s.
2. Touch the UP or DOWN key within 15s to select the label "rh".
3. Touch the SET key for 2s until the display shows the right label for the function (only touch the key to see the function activated).

LAB.	DESCRIPTION
rhL	low humidity function (evaporator fan with F17 and F18 if the compressor is off, on if the compressor is on)
rhH	high humidity function (evaporator fan on)

4. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.

**5.4 View/delete HACCP alarm information (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225)**

Check that the keypad isn't locked.

1. Touch the DOWN key for 1s.



58	A2	0	low temperature alarm type	0 = disabled 1 = relative to setpoint 2 = absolute
59	A4	0.0	threshold for high temperature alarm	-99... 99 °C/°F
60	A5	0	high temperature alarm type	0 = regulation temperature 1 = evaporator temperature 2 = auxiliary temperature
61	A6	120	high temperature alarm delay after power-on	0... 240 min
62	A7	15	high/low temperature alarms delay	0... 240 min
63	A8	15	high temperature alarm delay after defrost	0... 240 min
64	A9	15	high temperature alarm delay after door closing	0... 240 min
65	A10	10	power failure duration for alarm recording (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225)	0... 240 min
66	A11	2.0	high/low temperature alarms reset differential	1... 15 °C/°F
67	A12	1	power failure alarm notification type (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225)	0 = HACCP LED 1 = HACCP LED + PF label + buzzer 2 = HACCP LED + PF label + buzzer (if duration > A10)
<b>N. PAR. DEF. FANS MIN... MAX.</b>				
68	F0	1	evaporator fan mode during normal operation	0 = off 1 = on 2 = on if compressor on 3 = thermoregulated (with regulation temperature + F1) 4 = thermoregulated (with regulation temperature + F1) if compressor on 5 = according to F6 6 = thermoregulated (with F1) 7 = thermoregulated (with F1) if compressor on
69	F1	-4.0	threshold for evaporator fan operation	-99... 99 °C/°F
70	F2	0	evaporator fan mode during defrost and dripping	0 = off 1 = on 2 = according to F0
71	F3	2	evaporator fan off maximum time	0... 15 min def. 0 in EVJ203 ed EVJ213
72	F4	30	evaporator fan off time during energy saving	0... 240 s x 10 if FO ≠ 5
73	F5	30	evaporator fan on time during energy saving	0... 240 s x 10 if FO ≠ 5
74	F6	0	high/low humidity operation	0 = low humidity (with F17 and F18 if compressor off, on if compressor on) 1 = high humidity (on)
75	F7	5.0	threshold for evaporator fan on after dripping (relative to setpoint)	-99... 99 °C/°F setpoint + F7
76	F8	2.0	threshold for evaporator fan operation differential	1... 15 °C/°F
77	F9	10	evaporator fan off delay after compressor off	0... 240 s if FO = 2 or 5
78	F10	1	condenser fan mode	0 = thermoregulated (with F11) 1 = thermoregulated (with F11) if compressor off, on if compressor on 2 = thermoregulated (with F11) if compressor off, on if compressor on, off during defrost, pre-dripping and dripping
79	F11	15.0	threshold for condenser fan on	0... 99 °C/°F differential = 2 °C/4 °F
80	F12	30	condenser fan off delay after compressor off	0... 240 s if P4 ≠ 1
81	F17	60	evaporator fan off time with low humidity	0... 240 s
82	F18	10	evaporator fan on time with low humidity	0... 240 s
<b>N. PAR. DEF. DIGITAL INPUTS MIN... MAX.</b>				
83	i0	5	door switch input function	0 = disabled 1 = compressor evaporator fan off 2 = evaporator fan off 3 = cabinet light on 4 = compressor evaporator fan off, cabinet light on 5 = evaporator fan off + cabinet light on
84	i1	0	door switch input activation	0 = with contact closed 1 = with contact open
85	i2	30	open door alarm delay	-1... 120 min -1 = disabled
86	i3	15	regulation inhibition maximum time with door open	-1... 120 min -1 = until the closing
87	i4	0	enable open door alarm recording	0 = no 1 = yes if i2 ≠ -1 and after i2
88	i5	8	multi-purpose input function	0 = disabled 1 = energy saving 2 = iA alarm 3 = iSd alarm 4 = button-operated load 1 on 5 = button-operated load 2 on 6 = device on/off 7 = LP alarm 8 = C1t alarm 9 = C2t alarm
89	i6	0	multi-purpose input activation	0 = with contact closed 1 = with contact open
90	i7	0	multi-purpose input alarm delay	0... 120 min if i5 = 3 or 7, compressor on delay after alarm reset
91	i8	0	number of multi-purpose input activations for high pressure alarm	0... 15 0 = disabled if i5 = 3
92	i9	240	reset counter time for high pressure alarm	1... 999 min
93	i10	0	door closed consecutive time for energy saving	0... 999 min after regulation temperature < SP 0 = disabled
94	i13	180	number of door openings for defrost	0... 240 0 = disabled
95	i14	32	door open consecutive time for defrost	0... 240 min 0 = disabled

<b>N. PAR. DEF. DIGITAL OUTPUTS MIN... MAX.</b>				
96	u1c	0	relay K1 configuration (options 14 and 15 only available in EVJ234 and EVJ235)	0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 14 = evaporator fan 2 15 = defrost 2
97	u2c	4	relay K2 configuration (options 14 and 15 only available in EVJ234 and EVJ235)	0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 14 = evaporator fan 2 15 = defrost 2
98	u3c	5	relay K3 configuration (options 14 and 15 only available in EVJ234 and EVJ235)	0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 14 = evaporator fan 2 15 = defrost 2
99	u4c	2	relay K4 configuration (not available in EVJ203 and EVJ213, options 14 and 15 only available in EVJ234 and EVJ235)	0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 14 = evaporator fan 2 15 = defrost 2
100	u5c	3	relay K5 configuration (not available in EVJ203, EVJ213, EVJ204, EVJ214, EVJ214N7VXXRXV, EVJ224 and EVJ234, options 14 and 15 only available in EVJ235)	0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 14 = evaporator fan 2 15 = defrost 2
101	u2	0	enable cabinet light and button-operated load in stand-by	0 = no 1 = yes manual
102	u4	1	enable alarm output off silencing the buzzer	0 = no 1 = yes
103	u5	-1.0	threshold for door heaters on	-99... 99 °C/°F differential = 2 °C/4 °F
104	u6	5	demisting on duration	1... 120 min
105	u7	-5.0	neutral zone threshold for heating (relative to setpoint)	-99... 99 °C/°F differential = 2 °C/4 °F setpoint + u7
106	u9	1	enable alarm buzzer	0 = no 1 = yes
<b>N. PAR. DEF. REAL TIME CLOCK MIN... MAX.</b>				
107	Hr0	1	enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225)	0 = no 1 = yes
<b>N. PAR. DEF. ENERGY SAVING (if r5 = 0) MIN... MAX.</b>				
108	HE2	0	energy saving maximum duration	0... 999 min
<b>N. PAR. DEF. REAL TIME ENERGY SAVING (if r5 = 0) MIN... MAX.</b>				
109	H01	0	energy saving time	0... 23 h
110	H02	0	energy saving maximum duration	0... 24 h
<b>N. PAR. DEF. REAL TIME DEFROST (if d8 = 4) MIN... MAX.</b>				
111	Hd1	h-	1st daily defrost time	h- = disabled
112	Hd2	h-	2nd daily defrost time	h- = disabled
113	Hd3	h-	3rd daily defrost time	h- = disabled
114	Hd4	h-	4th daily defrost time	h- = disabled
115	Hd5	h-	5th daily defrost time	h- = disabled
116	Hd6	h-	6th daily defrost time	h- = disabled
<b>N. PAR. DEF. DATA-LOGGING (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) MIN... MAX.</b>				
117	Sd0	30	SD card writing interval in HACCP mode	1... 30 min
118	Sd1	1	SD card writing interval in service mode	1... 30 min
119	Sd2	60	service mode duration	1... 240 min
120	Sd3	0	enable critical temperature recording	0 = no 1 = yes
121	Sd4	0	enable cabinet temperature recording	0 = no 1 = yes
122	Sd5	1	decimal separator type	0 = comma 1 = point
<b>N. PAR. DEF. SAFETIES MIN... MAX.</b>				
123	POF	1	enable ON/STAND-BY key	0 = no 1 = yes
124	Loc	1	enable keypad lock (default 0 in the models with open-frame user interface)	0 = no 1 = yes
125	Sen	90	sensitivity capacitive keyboard (available in the models installed from behind)	60... 120 60 = very sensitive
126	PAS	-19	password	-99... 999
127	PA1	426	level 1 password	-99... 999
128	PA2	824	level 2 password	-99... 999


<b>N. PAR. DEF. DATA-LOGGING EVLINK MIN... MAX.</b>				
129	rE0	60	data-logger sampling interval	0... 240 min
130	rE1	4	recorded temperature	0 = none 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator 5 = all
<b>N. PAR. DEF. MODBUS MIN... MAX.</b>				
131	LA	247	MODBUS address	1... 247
132	Lb	2	MODBUS baud rate	0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud
133	LP	2	parity	0 = none 1 = odd 2 = even
<b>N. PAR. DEF. BLUETOOTH MIN... MAX.</b>				
134	bLE	1	enable Bluetooth	0 = no 1 = yes

9 ALARMS			
COD.	DESCRIPTION	RESET	TO CORRECT
Pr1	cabinet probe alarm	automatic	- check P0
Pr2	evaporator probe alarm	automatic	- check probe integrity
Pr3	auxiliary probe alarm	automatic	- check electrical connection
rtc	clock alarm	manual	set date, time and day of the week
AL	low temperature alarm	automatic	check A0, A1 and A2
AH	high temperature alarm	automatic	check A4 and A5
id	open door alarm	automatic	check i0 and i1
PF	power failure alarm	manual	- touch a key - check electrical connection
COH	high condensation warning	automatic	check C6
CSd	high condensation alarm	manual	- switch the device off and on - check C7
iA	multi-purpose input alarm	automatic	check i5 and i6
iSd	high pressure alarm	manual	- switch the device off and on - check i5, i6, i8, i9
LP	low pressure alarm	automatic	check i5 and i6
C1t	compressor thermal switch alarm	automatic	check i5 and i6
C2t	second compressor thermal switch alarm	automatic	check i5 and i6
dFd	defrost timeout alarm	manual	- touch a key - check d2, d3 and d11
FUL	SD card full alarm	manual	free up space on the SD card or replace it
Sd	No SD card inserted alarm	manual	insert the SD card or replace it

10 TECHNICAL SPECIFICATIONS	
Purpose of the control device	Function controller
Construction of the control device	
Container	Models in plastic container Black, self-extinguishing Open-frame models Open-frame board
Category of heat and fire resistance D	
Measurements	Models in plastic container 111.4 x 76.4 x 48.0 mm (4 3/8 x 3 x 1 15/16 in)
	Open-frame models 101.0 x 67.0 x 47.0 mm (4 x 2 5/8 x 1 7/8 in)
Mounting methods for the control device	Models in plastic container according to the model, front installation on a plastic or metal panel (with elastic holding flaps) or installed from behind a glass or methacrylate panel (with biadhesive) customizing the keys on the front of the unit
	Open-frame models To be installed from behind, with threaded studs and membrane keypad (not provided)
Degree of protection provided by the covering	Models in plastic container IP65 (front), on condition the device is fitted to a metal panel with thickness 0.8 mm (1/32 in) Open-frame models IP00
Connection method	
Fixed screw terminal blocks for wires up to 2.5 mm <sup>2</sup> (removable screw terminal blocks for wires up to 2.5 mm <sup>2</sup> by request)	
Pico-Blade connector	Micro-MaTch connector
Maximum permitted length for connection cables	
Power supply: 10 m (32.8 ft)	Analogue inputs: 10 m (32.8 ft)
Digital inputs: 10 m (32.8 ft)	Digital outputs: 10 m (32.8 ft)
Operating temperature	From -5 to 55 °C (from 23 to 131 °F)
Storage temperature	From -25 to 70 °C (from -13 to 158 °F)
Operating humidity	Relative humidity without condensate from 10 to 90%
Pollution status of the control device 2	
Conformity	
RoHS 2011/65/CE	WEEE 2012/19/EU REACH (EC) Regulation 1907/2006
EMC 2014/30/UE LVD 2014/35/UE	
Power supply	
230 VAC (+10% -15%), 50/60 Hz (±3 Hz), max. 6 VA insulated	
115... 230 VAC (+10% -15%), 50/60 Hz (±3 Hz), max. 6 VA insulated in EVJ205 and EVJ215 with compressor relay rated 16 A res. @ 250 VAC	
Earthing methods for the control device None	
Rated impulse-withstand voltage	2.5 KV
Over-voltage category	II
Software class and structure A	
Clock	
Incorporated secondary lithium battery (clock not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225)	
Clock drift ≤ 60 s/month at 25 °C (77 °F)	
Clock battery autonomy in the absence of a power supply > 24 h at 25 °C (77 °F)	
Clock battery charging time 24 h (the battery is charged by the power supply of the device)	
Analogue inputs 2 for PTC or NTC probes (cabinet probe and evaporator probe)	
PTC probes	Sensor type KTY 81-121 (990 Ω @ 25 °C, 77 °F)
	Measurement field From -50 to 150 °C (from -58 to 302 °F)
NTC probes	Resolution 0.1 °C (1 °F)
	Sensor type B3435 (10 K Ω @ 25 °C, 77 °F)
Measurement field From -40 to 105 °C (from -40 to 221 °F)	
Resolution 0.1 °C (1 °F)	
Digital inputs 1 dry contact (door switch)	
Dry contact	Contact type 5 VDC, 2 mA
	Power supply None
Protection None	
Other inputs Input configurable for analogue input (auxiliary probe) or digital input (multi-purpose input)	
Digital outputs 5 (4 for EVJ204, EVJ214, EVJ214N7VXXRXV, EVJ224 and EVJ234, 3 for EVJ203 and EVJ213) with electro-mechanical relay	
Relay K1	SPST, 16 A res. @ 250 VAC SPST, 30 A res. @ 250 VAC in EVJ2757973777
Relay K2	SPDT, 8 A res. @ 250 VAC
Relay K3	SPST, 8 A res. @ 250 VAC

Relay K4 (not available in EVJ203 and EVJ213)	SPST, 5 A res. @ 250 VAC
Relay K5 (not available in EVJ203, EVJ213, EVJ204, EVJ214, EVJ214N7VXXRXV, EVJ224 and EVJ234)	SPST, 5 A res. @ 250 VAC
The device guarantees double insulation between each digital output connector and the rest of the components of the device	
Type 1 or Type 2 Actions	Type 1
Additional features of Type 1 or Type 2 actions	C
Displays	Custom display, 3 digit, with function icons
Alarm buzzer	Incorporated
Incorporated sensors:	Bluetooth Low Energy (available in EVJ214N7VXXRXV, EVJ234 and EVJ235).
Communications ports	
1 TTL MODBUS slave port for EVconnect APP or BMS	1 port for SD card data-logger module EVBD05 (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225)

**For EVJ214N7VXXRXV, EVJ234 and EVJ235** According to European R&TTE Declaration of Conformity this device can be used in the following Countries: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Norway, Poland Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, The Netherlands and The United Kingdom.

 N.B.  
The device must be disposed of according to local regulations governing the collection of electrical and electronic waste.

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