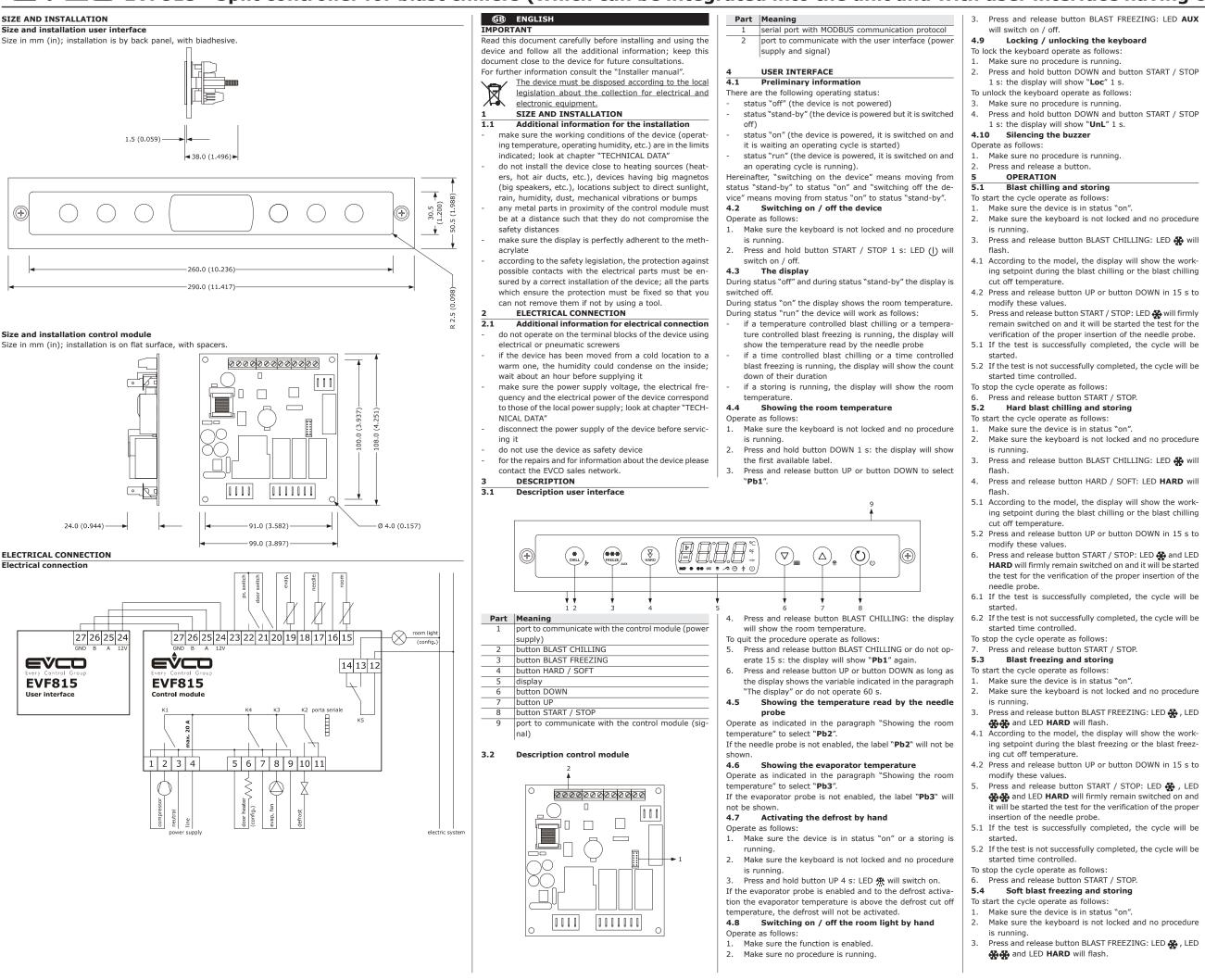
EVCO S.p.A. | Code 104F815E203 | Page 1 of 2 | PT 27 / 15 EVF815 - Split controller for blast chillers (which can be integrated into the unit and with user interface having capacitive push buttons)



- 4. Press and release button HARD / SOFT: LED HARD will switch off.
- 5.1 According to the model, the display will show the working setpoint during the blast freezing or the blast freezing cut off temperature

5.2 Press and release button UP or button DOWN in 15 s to modify these values.

- 6. Press and release button START / STOP: LED 🐥 and LED *** will firmly remain switched on and it will be started the test for the verification of the proper insertion of the needle probe.
- 6.1 If the test is successfully completed, the cycle will be started.
- 6.2 If the test is not successfully completed, the cycle wil be started time controlled.
- To stop the cycle operate as follows 7. Press and release button START / STOP.
- Starting the precooling 5.5
- To start the precooling operate as follows
- 1. Make sure the device is in status "on".
- Make sure no procedure is running.
- 3. Press and hold button BLAST CHILLING 1 s: LED ∦▼ will flash.
- To stop the precooling operate as follows:
- 4. Press and hold button BLAST CHILLING 1 s or start an operating cycle.
- Switching on the UV light for the cycle of 5.6 sterilization
- Operate as follows:
- 1. Make sure the function is enabled.
- 2. Make sure the device is in status "on" and the door is closed, or the door switch input is not active.
- Make sure the keyboard is not locked and no procedure is runnina
- 4. Press and hold button BLAST FREEZING 1 s: LED AUX will switch on.

5.7 Needle probe heating

Operate as follows:

- 1. Make sure the function is enabled.
- 2. Make sure the device is in status "on" or a storing is running and the door is open, or the door switch input is active
- 3. Make sure the keyboard is not locked and no procedure is running
- Press and hold button BLAST FREEZING 1 s: LED 4.

will	flash and LED AUX will switch on.
6	SIGNALINGS AND INDICATIONS
6.1	Signalings
LED	Meaning
*	LED blast chilling
**	LED blast freezing
HARD	LED hard blast chilling / blast freezing
~	LED temperature controlled blast chilling / tem-
	perature controlled blast freezing
\odot	LED time controlled blast chilling / time control-
-	led blast freezing
*	LED storing
*	LED defrost
Å≁	LED precooling
AUX	LED auxiliary
HACCP	LED HACCP
°C	LED Celsius degree
°F	LED Fahrenheit degree
min	LED minutes
()	LED on / stand-by

6.2	Indications
	Meaning
Loc	The keyboard is locked; look at paragraph "Lock-
	The keyboard is locked; look at paragraph "Lock- ing / unlocking the keyboard"
UnL	The keyboard has been unlocked; look at para- graph "Locking / unlocking the keyboard"
	graph "Locking / unlocking the keyboard"

7	ALARMS
7.1	Alarms
Code	Meaning
tiME	Alarm temperature controlled blast chilling or tem-
	perature controlled blast freezing not concluded
	within the maximum duration (HACCP alarm)
AL	Low temperature alarm
AH	High temperature alarm (HACCP alarm)
id	Open door alarm
HP	High pressure alarm
PF	Lack of power supply alarm (HACCP alarm)
ESt	Alarm download of the configuration parameters
	not successfully completed
CEr	Alarm firmwares of the configuration parameters
	contained in EVKEY not coinciding with that of
	the device
Erd	Alarm upload of the configuration parameters not
	successfully completed

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	Errors	- two
8.1	Errors	(K3)
Code	Meaning	(K5)
Pr1	Room probe error	ager
Pr2	Needle probe error	The max
Pr3	Evaporator probe error	Type of
rtc	Real time clock error	Commu
ErC	Error compatibility user interface-control module	municati
ErL	Error communication user interface-control mod- ule	
9	TECHNICAL DATA	
9.1	Technical data	
	of the devices: controllers for blast chillers.	
Executi		
- use	r interface: open frame board behind a sheet of	
	hacrylate	
	trol module: open frame board.	
Size:		
- use	r interface: 290.0 x 50.5 x 38.0 mm (11.417 x	
	38 x 1.496 in; W x H x D)	
- con	trol module: 99.0 x 108.0 x 24.0 mm (3.897 x	
	51 x 0.944 in; W x H x D).	
Installa	· · · · · · · · · · · · · · · · · · ·	
	r interface: by back panel, with biadhesive	
Index o	trol module: on flat surface, with spacers. f protection:	
	r interface: IP65 trol module: IP00.	
- con Connec		
	r interface: fix screw terminal blocks (control mod-	
ule)		
	trol module: fix screw terminal block (user inter-	
	and inputs), faston 6.3 mm (0.248 in) wide (power	
	ply and outputs), 6 poles connector (serial port).	
	imum lengths of the connecting cables user inter-	
	trol module is 20 m (65.614 ft).	
	ng temperature: from 0 to 55 °C (from 32 to	
131 °F).		
-	e temperature: from -25 to 60 °C (from -13 to	
140 °F).		
	ng humidity: from 10 to 90% of relative humid-	
	ondensing.	
	n situation: 2.	
	supply:	
- use	r interface: supplied by the control module	
- use - con	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz,	
- use - con (±3	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max.	
- use - con (±3 Overvo l	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III.	
- use - con (±3 Overvol Real tin	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. ne clock: incorporated (with capacitor).	
- use - con (±3 Overvol Real tin Battery	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. ne clock: incorporated (with capacitor). autonomy in the event of lack of power supply:	
- use - con (±3 Overvol Real tin Battery 24 h wit	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. te clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged.	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. te clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by	
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- use - con (±3 Overvol Real tin Battery 24 h wit Battery the pow Signalin Analog	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. te clock : incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). ag and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery the pow Signalir Analog evaporat	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. ne clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). tog and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and cor probe), which can be set via configuration pa-	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery the pow Signalir Analog evaporal rameter	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. te clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). trong and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and for PTC / NTC probes.	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery the powe Signalir Analog evaporat rameter <u>PTC ana</u>	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. te clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). ig and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F)	
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- use - con (±3 Overvol Real tin Battery 24 h wit Battery the pow Signalin Analog evaporal rameter <u>PTC ana</u> Working	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. ne clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). ag and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and cor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω $25 °C, 77 °F$) sensor: KTY 81-121. range: KTY 81-121.	
- use - con (±3 Overvol Real tim Battery 24 h with Battery the pow Signalin Analog evaporal rameter <u>PTC ana</u> Kind of s Working Resolution	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. he clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). bg and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and cor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F).	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery the pow Signalin Analog evaporal rameter <u>PTC ana</u> Kind of s Working Resolutie Protectic	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. the clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). the data by the device of the devic	
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- use - con (±3 Overvol Real tin Battery 24 h wit Battery 24 h wit Battery 25 h wit Battery 26 h wit Battery 26 h wit Battery 26 h wit Battery 26 h wit 26	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. trage category: III. the clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). rg and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). nn: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: β3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). nn: none. nputs: 2 inputs (door switch and pressure switch),	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery 24 h with ca	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. trage category: III. the clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). ig and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and for PTC / NTC probes. log inputs (990 $\Omega \oplus 25 ^{\circ}C, 77 ^{\circ}F)$ sensor: KTY 81-121. range: from -50 to 150 $^{\circ}C$ (from -58 to 302 $^{\circ}F$). on: 0.1 $^{\circ}C$ (1 $^{\circ}F$). mi: none. log inputs (10K $\Omega \oplus 25 ^{\circ}C, 77 ^{\circ}F)$ sensor: B3435. range: from -40 to 105 $^{\circ}C$ (from -40 to 220 $^{\circ}F$). on: 0.1 $^{\circ}C$ (1 $^{\circ}F$). mi: none. nputs: 2 inputs (door switch and pressure switch), m be set via configuration parameter for normally	
- use - con (±3 Overvol Real tin Battery 24 h with Battery 24 h with Battery the pow Signalir Analog evaporal rameter <u>PTC ana</u> Kind of s Working Resolution Protection NTC ana Kind of s Working Resolution Protection Digital i which cac open / n	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. ne clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). the adata buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). nn: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: ß 3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). nn: none. nputs: 2 inputs (door switch and pressure switch), nn be set via configuration parameter for normally normally closed contact (free of voltage contact,	
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- use - con (±3 Overvol Real tin Battery 24 h with Battery 24 h with Battery 20 or 20	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. te clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). ng and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). on: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: β3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). on: none. nputs: 2 inputs (door switch and pressure switch), in be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). puts: upply: none.	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery 24 h wit 26 h	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. trage category: III. the clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). rg and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). on: 0.1 °C (1 °F). in: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: β3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). on: none. nputs: 2 inputs (door switch and pressure switch), in be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). puts pply: none. on: none.	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery 24 h wit 26 h	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. te clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). ng and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). on: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: β3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). on: none. nputs: 2 inputs (door switch and pressure switch), in be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). puts: upply: none.	
- use - con (±3 Overvol Real tim Battery 24 h wit Battery 24 h wit Battery 24 h wit Battery 24 h wit Signalir Analog evaporal rameter PTC ana Kind of s Working Resolutiv Protectio Digital in Power sis Protectio Display	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. trage category: III. the clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). rg and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). on: 0.1 °C (1 °F). in: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: β3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). on: none. nputs: 2 inputs (door switch and pressure switch), in be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). puts pply: none. on: none.	
- use - con (±3 Overvol Real tim Battery 24 h with Battery 24 h with Battery 24 h with Battery 24 h with Battery 24 h with Battery 24 h with Battery Protection Norking Resolution Protection Digital i Protection Digital i Prover su Protection Digital i Protection Digital i Digital i Di	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. The clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). The g and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). nn: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: B3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). nn: none. nputs: 2 inputs (door switch and pressure switch), in be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). puts upply: none. s: 4 digits custom display, with function icons. outputs: s (electromechanical relays)	
- use - con (±3 Overvol Real tim Battery 24 h with Battery 24 h with Battery 24 h with Battery 24 h with Battery 24 h with Battery 24 h with Battery Protection Norking Resolution Protection Digital i Protection Digital i Prover su Protection Digital i Protection Digital i Digital i Di	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. ne clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). nn: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: ß 3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). nn: none. nputs: 2 inputs (door switch and pressure switch), n be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). puply: none. n: none. s: 4 digits custom display, with function icons. but puts:	
- use - con (±3 Overvol Real tim Battery 24 h wit Battery 24 h wit Battery Protaction Norking Resolution Protection Digital i Protection Digital Protection Protection Digital Protection	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. The clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). The g and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). nn: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: B3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). nn: none. nputs: 2 inputs (door switch and pressure switch), in be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). puts upply: none. s: 4 digits custom display, with function icons. outputs: s (electromechanical relays)	
- use - con (±3 Overvol Real tim Battery 24 h with Battery 24 h with Battery 20 and 20 and 21 and 20	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. The clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). ag and alarm buzzer: incorporated. imputs: 3 inputs (room probe, needle probe and for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). on: 0	
- use - con (±3 Overvol Real tin Battery 24 h wit Battery 24 h wit Battery Proversion S Working Resolution Protection Digital in Protection Digital in Protection Digital in Protection Digital in Protection Digital in Protection Digital in Protection Digital in Protection Digital in Protection Digital in Protection Digital in S output - 1 Si s or - 1 Woo	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. the clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). ng and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). on: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: β3435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). on: none. nputs: 2 inputs (door switch and pressure switch), in be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). puts s (electromechanical relays) >5T 30 res. A @ 250 VAC output (K1) for compres- management	
- use - con (±3 Overvol Real tim Battery 24 h with Battery 24 h with Battery 24 h with Battery 24 h with Battery 24 h with Battery Protaction Protection Digital ii Protection Digital ii Protection Digital ii Sor - 1 Signary - 1	r interface: supplied by the control module trol module: 115 230 VAC (±15%), 50 / 60 Hz, Hz), 10 VA max. tage category: III. the clock: incorporated (with capacitor). autonomy in the event of lack of power supply: h battery fully charged. charging time: 2 min (the battery is charged by er supply of the device). and alarm buzzer: incorporated. inputs: 3 inputs (room probe, needle probe and tor probe), which can be set via configuration pa- for PTC / NTC probes. log inputs (990 Ω @ 25 °C, 77 °F) sensor: KTY 81-121. range: from -50 to 150 °C (from -58 to 302 °F). on: 0.1 °C (1 °F). in: none. log inputs (10K Ω @ 25 °C, 77 °F) sensor: 83435. range: from -40 to 105 °C (from -40 to 220 °F). on: 0.1 °C (1 °F). in: none. nputs: 2 inputs (door switch and pressure switch), in be set via configuration parameter for normally normally closed contact (free of voltage contact, 2 mA). pupts upply: none. s: 4 digits custom display, with function icons. outputs: s (electromechanical relays) ² ST 30 res. A @ 250 VAC output (K1) for compres- management 16 res. A @ 250 VAC outputs of which 1 SPDT	



B res. A @ 250 VAC outputs of which 1 SPST output for evaporator fan management and 1 SPDT output for room light, needle probe heater or UV light manent. num current allowed on the loads is 20 A.

ctions and additional features: 1C. ication ports: 1 TTL serial port with MODBUS comn protocol.

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