



VENTILATED VERTICAL HEATED DISPLAY CASE

**Panoramic self-service
rear and front loading**

**Ref. : _4MCV4LST.PANO
 _6MCV2LST.PANO
 _6MCV3LST.PANO
 _6MCV4LST.PANO
 _6MCV5LST.PANO
 _10MCV2LST.PANO
 _10MCV3LST.PANO
 _10MCV4LST.PANO
 _10MCV5LST.PANO
 _6MCV2LST.PANOTT (Table top)
 _6MCV3LST.PANOTT (Table top)
 _10MCV2LST.PANOTT (Table top)
 _10MCV3LST.PANOTT (Table top)**

INSTRUCTIONS : INSTALLATION USE MAINTENANCE



Membre de la Chaîne des Rôtisseurs

1 PRESENTATION

Closed self-service crossing unit with rear and front loading.



Ref: 6MCV4LST.PANO



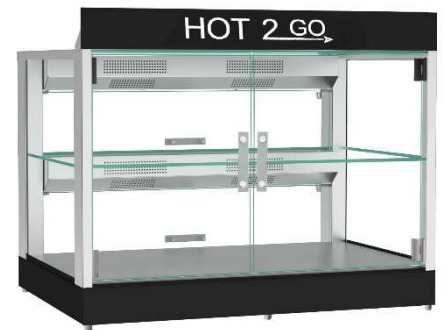
Ref: 10MCV5LST.PANO



Ref: 4MCV4LST.PANO



Ref: 10MCV2LST.PANO



Ref: 10MCV2LST.PANOTT (Table top)

BASIC COMPOSITION

- Epoxy exterior bodywork, KGLASS glass and stainless steel.
- Horizontal interior presentation plan in safety glass for each shelf..
- Closed black epoxy base.
- Rear control.
- Heating by armored resistances and ventilated by turbines.
- Temperature control by electronic thermostat.
- Preset safety thermostat per shelf, regulation per stage.
- Loading of products by level at the rear using hatches (in transparent PMMA) and at the front using KGLASS window doors.
- 4 adjustable feet.
- LED lighting
- Flat window strip in safety glass ref: GLP6MCV,

OPTION : basket.

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Read this booklet carefully before starting the installation and operation

Keep this manual for future reference.

1.1 PRESENTATION OF THE UNIT

GENERAL

Vertical Heated Open Showcases 2,3,4 and 5 levels of horizontal presentation, ventilated heating by levels.

Reference	Voltage (V)	Electrical Power (kw)	Width (inches)	depth (inches)	Height (inches)	weight (lbs)
4MCV4LST.PANO	208/240V Mono-phase	2,24	17 3/4	29 3/8	70 5/8	242
6MCV2LST.PANO	208/240V Mono-phase	1,65	25 5/8	29 3/8	47 5/8	220
6MCV2LST.PANOTT	208/240V Mono-phase	1,65	25 5/8	29 3/8	31 1/2	176
6MCV3LS.PANO	208/240V Mono-phase	2,17	25 5/8	29 3/8	59 1/8	264
6MCV3LST.PANOTT	208/240V Mono-phase	2,17	25 5/8	29 3/8	42 3/4	198
6MCV4LST.PANO	208/240V Mono-phase	2,74	25 5/8	29 3/8	70 5/8	309
6MCV5LST.PANO	208/240V Mono-phase	3,3	25 5/8	29 3/8	82 1/8	353
10MCV2LST.PANO	208/240V Mono-phase	1,76	40 3/8	29 3/8	47 5/8	264
10MCV2LST.PANOTT	208/240V Mono-phase	1,76	40 3/8	29 3/8	31 1/2	198
10MCV3LST.PANO	208/240V Mono-phase	2,6	40 3/8	29 3/8	59 1/8	330
10MCV3LST.PANOTT	208/240V Mono-phase	2,6	40 3/8	29 3/8	42 3/4	286
10MCV4LST.PANO	208/240V Mono-phase	3,46	40 3/8	29 3/8	70 5/8	397
10MCV5LST.PANO	208/240V Mono-phase (on specific line 32Amps)	4,32	40 3/8	29 3/8	82 1/8	385

The unit is for professional use and should be used by qualified staf

Before starting any operation, please refer to this manual. Keep available near the unit.

Upgrading of the place remains the responsibility of the user.

We recommend that you call a qualified dealer for the connection and start-up of the device under the condition that the electric and gas bookings are carried out by authorized companies authorized by you, and hold near the location of the heating device.

Intervention on the electrical parts must be performed by qualified staf in compliance with local standards.

The company is not liable for damages if:

- improper use of the device
- non-compliance with standards
- incorrect installation
- non compliance with guidance on maintenance
- unauthorized modification
- installation of non-original spare parts
- installation and use of the display different than those provided by the manufacturer

The nameplate is located on the back of the display case.

2 HEATING METHOD



Original design with a combination of a cylindrical air turbine and radiant heating elements which allows to maintain any product (whatever its position on the shelf), at a core temperature between +145°F and +158°F (poultry packed in CPET shells or in bags and various packaging for snacking).

2.1 EXEMPLES OF USES

ROTISSERIE



SNACKING

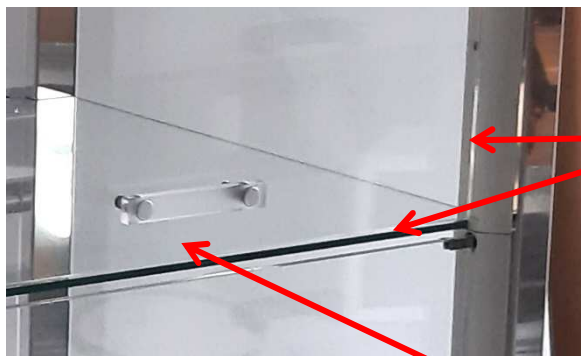


3. RECOMMENDATIONS

IMPORTANT

- _ This appliance is not a cooking appliance
- _ This display case is a temperature maintenance device.
- _ Always preheat about 25 mn before positioning the products to keep warm.
- _ Set temperature at 70°C to maintain temperature for 2 hours.
- _ Make sure to put the brakes on the casters after positioning
- _ Do not move the appliance during operation.
- _ Do not fill drinks to the brim if they are not airtight (risk of spillage)
- _ **Immediately after cooking, the food must be put in a shell or bag and placed on the presentation surfaces; any loss of time is detrimental to maintaining the temperature for 2 hours.**
- _ To move a piece of furniture on casters, push it by the bodywork and not by the windows or the amounts of glass.
- _ The display case is not a toy, keep it out of the reach of children.
- _ Do not place a flammable product near the display case..
- _ Do not slam the front windows when opening or closing.

SECURITY:

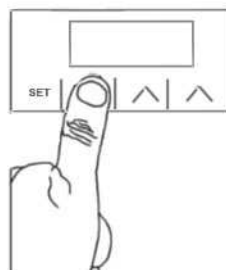


Be careful not to obstruct the hatches or pinch your fingers when opening or closing the hatches.

CAUTION HOT WALLS

Thermostat handling:

- Check if the showcase is on, the display lights up.
- Please press the buttons on the control panel with your finger, avoiding the nail being in contact with the panel. Do not use any object.



					3 =	ADAPTIVE - defrost will be activated at intervals, whose duration will then depend on the duration of compressor switch-ons, the evaporator temperature and the door switch input activation; see also d18, d19, d20, d22, i13 and i14 (10)
d9	-99	99.0	C/°F (1)	0.0	evaporator temperature is higher than that at which the defrost interval counter is suspended (only if d8 = 2)	
d11	0	1	---	0	defrost interval (defrost will be activated when the compressor has been on for 1 min = YES)	
d18	0	999	min	40	defrost interval (defrost will be activated when the compressor has been on for 40 min = YES)	
d19	0.0	40.0	C/°F (1)	3.0	defrost will never be activated due to the effect of this condition (only if d8 = 3)	
d20	0	999	min	180	maximum consecutive time the compressor must be switched on such as to provoke the defrost activation	
d22	0.0	19.9	C/°F (1)	2.0	defrost will never be activated due to the effect of this condition (only if d8 = 3)	
PARAM.	MIN.	MAX.	U.M.	DEF.	evaporator temperature above which the defrost interval count shall be suspended (referring to the average of evaporator temperatures, that is to say, "evaporator temperature average + d22"; only if d8 = 3); see also d18	
A1	0.0	99.0	C/°F (1)	10.0	TEMPERATURE ALARMS (11) (12)	
					room temperature below which the minimum temperature alarm is triggered (code "AL1"; it concerns the working setpoint, that is to say, "working setpoint - A1"; see also A11)	
A4	0.0	99.0	C/°F (1)	10.0	alarm absent	
					room temperature above which the maximum temperature alarm is triggered (code "AH1"; it concerns the working setpoint, that is to say, "working setpoint + A4"; see also A11)	
A6	0	99	10 min	12	delay in maximum temperature alarm (code "AH" after the device is switched on (4))	
A7	0	240	min	15	minimum temperature alarm delay (code "AL") and maximum temperature alarm delay (code "AH")	
A11	0.1	15.0	C/°F (1)	2.0	difference of A1 and A4 parameters	
PARAM.	MIN.	MAX.	U.M.	DEF.	DIGITAL INPUTS	
I0	0	4	---	1	effect caused by the activation of the digital input	
					1 = door switch	
					DOOR SWITCH - DOOR SWITCH INPUT ALARM ACTIVATION (code "IAC")	
					alarm delay (code "IAD")	
					the input is deactivated; see also I2 (13)	
					2 = MULTIFUNCTION - ACTIVATION OF ENERGY SAVING FUNCTION - the "energy saving" function will be activated (first with effect on the compressor, until the input is deactivated); see also I4	
					MULTIFUNCTION - ACTIVATION OF MULTIFUNCTION INPUT ALARM (code "IAC") - the device will continue to operate normally; see also I2	
					3 = MULTIFUNCTION - ACTIVATION OF THE MAXIMUM PRESSURE SWITCH ALARM (code "IAC") - the compressor will be switched off (until the input is deactivated); see also I2	
I1	0	1	---	0	type of digital input contact	
					0 = normally open (active input with closed contact)	
					1 = normally closed (active input with open contact)	
I2	-1	120	min	30	if I0 = 1, delay in signalling of door switch input alarm (code "IAC")	
					-1 = the alarm will not be signalled	
					if I0 = 3, delay in signalling of multifunction input alarm (code "IAC")	
					-1 = the alarm will not be signalled	
					if I0 = 4, delay in switching on of compressor after the deactivation of the maximum pressure switch alarm (code "IAC")	
					-1 = reserved	
I3	-1	120	min	15	maximum duration of the effect caused by the activation of the door switch input on the compressor	
					-1 = the effect will last until the input is deactivated	
I10	0	999	min	0	time that must pass in absence of door switch input activations (after the room temperature has reached the working setpoint) for the "energy saving" function to be activated; see also I4 and I12	
I13	0	240	---	180	number of door switch input activations such as to provoke the defrost activation	
					0 = deactivation of the door switch input activation such as to provoke the defrost activation	
I14	0	240	min	32	minimum duration of the door switch input activation such as to provoke the defrost activation	
					0 = defrost will never be activated due to the effect of this condition	
PARAM.	MIN.	MAX.	U.M.	DEF.	ENERGY SAVING	
HE2	0	999	min	0	maximum duration of the "energy saving" function activated due to the effect of absence of door switch input activation; see also I4 and I10	
HE3	0	240	min	2	time interval with no key strokes, after which the "flow consumption" function is activated	
					0 = the mode shall never be activated	
PARAM.	MIN.	MAX.	U.M.	DEF.	KEYS	
POF	0	1	---	1	key activation	
					1 = YES	
PAS	-99	999	min	-19	access password for the configuration parameters	
					0 = the password need not be set	

- (1) the unit of measurement depends on P2
- (2) properly set the parameters corresponding to the regulators after setting P2 parameter
- (3) if P3 parameter is set at 1, the "Energy saving" function and the defrost management will be switched off
- (4) the parameter has effect even after an interruption in the power supply that occurs while the device is switched on
- (5) the effect of parameter C6 is 2.0°C/45° when the device is off
- (6) the difference of temperature is 2.0°C/45°
- (7) if when the device is switched on, the condenser temperature is already above that established in C7 parameter, then C8 parameter will not have effect
- (8) the value Δt depends on P12 parameter (Δt if P12 = 0, Δt/2 if P12 = 1)
- (9) the display restores normal operation when, at the end of the dripping phase, room temperature falls below the value that locked the display (or if a temperature alarm is triggered)
- (10) if P4 parameter is set at 0 or 2, the device will function as if d8 parameter were set at 0
- (11) during defrost and dripping, the maximum temperature alarm is absent, provided that it was triggered after defrost activation.
- (12) during activation of the door switch input, the maximum temperature alarm is absent, provided the alarm was signaled after the activation of the input
- (13) the compressor is switched off 10 s after the activation of the input.

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USE OF CONTROLS

INDEPENDENT REGULATION



LIGHT SWITCH

GENERAL HEATING
SWITCH

ELECTRONIC
THERMOSTAT

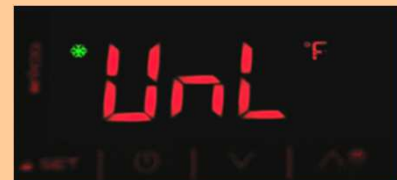
Set the green heating switch to the "I" position
Set the orange light switch to the "I" position

For: Thermostat EV3X21

Locked screen :



Unlocking: press 4s on the "SET" key
of the digital
thermostat



To increase or decrease the temperature
press on the "set" key of the digital thermostat
press the «▲» to increase it
press the «▼» to decrease it
Press the "set" key to confirm the temperature

Turn the orange switch to position "0" to switch off the lighting
At the end of the operation, turn the green heating switch to the "0" position

4. CLEANING

- Switch off the showcase and let it cool down. After you have ensured that the appliance has come to a complete stop:
- Cleaning shelves and windows (damp cloth or sponge)
- Be careful not to splash liquid on the furniture when cleaning.
- Do not use steam under pressure
- Clean your display unit after each day of use with a non-abrasive detergent. see Megaclean Everything and Megaclean windows) When cleaning the furniture, do not use a scraping pad.
- If there is food residue encrusted inside the trays, only use a spatula or sponge soaked in vinegar and lukewarm water.

BE CAREFUL NOT TO LEAVE ANY DETERGENT RESIDUE

5. INSTALLATION

Before connecting and switching on the display, please ensure that electrical reservations are made. These works are the responsibility of the client user, who must enforce them, by certified companies, close to the location of the device.

5.1. SETTING UP

UNPACKING

Unpack the module that is surrounded, shot and set on pallet.
Evacuate the following packaging standards.

5.2. ELECTRICAL CONNECTION

Power supply: 208/240V 60HZ mono phase + ground. (see page 3)

Check that the mains voltage corresponds to the electrical characteristics of the plate.

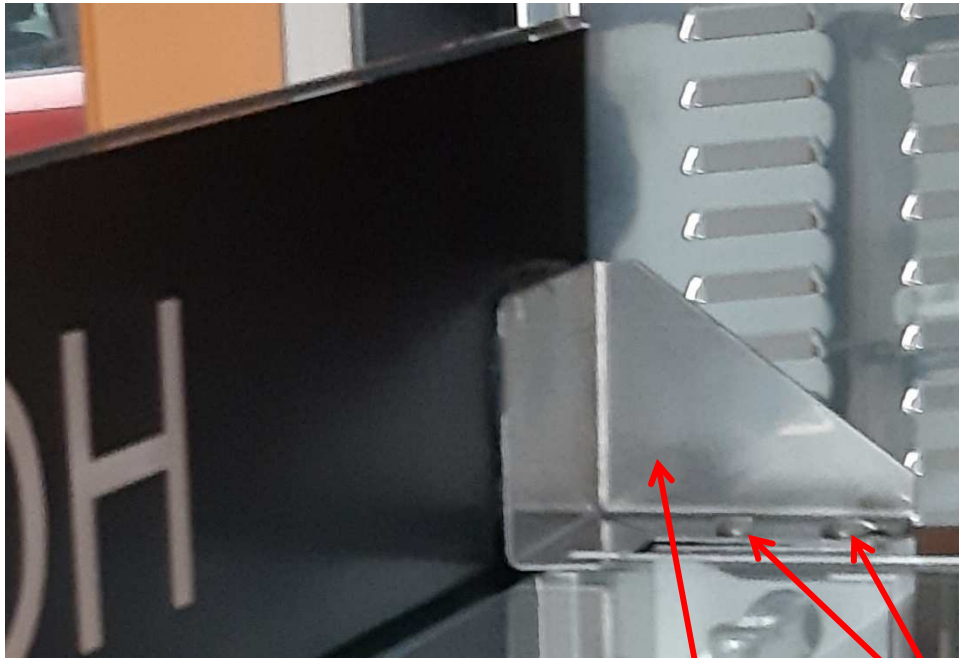
In all cases, connect the earth.

5.3 USE:

For partial use, 1 to 3 shelves,
Start with the bottom shelf.

BAND POSITIONING (OPTION)

- Positioning of the headband (GLP4MCV, GLP 6MCV or GLP10MCV “HOT 2 GO“ inscription).
- Fixing each bracket with 2 M4 screws, headband equipped with 2 brackets.



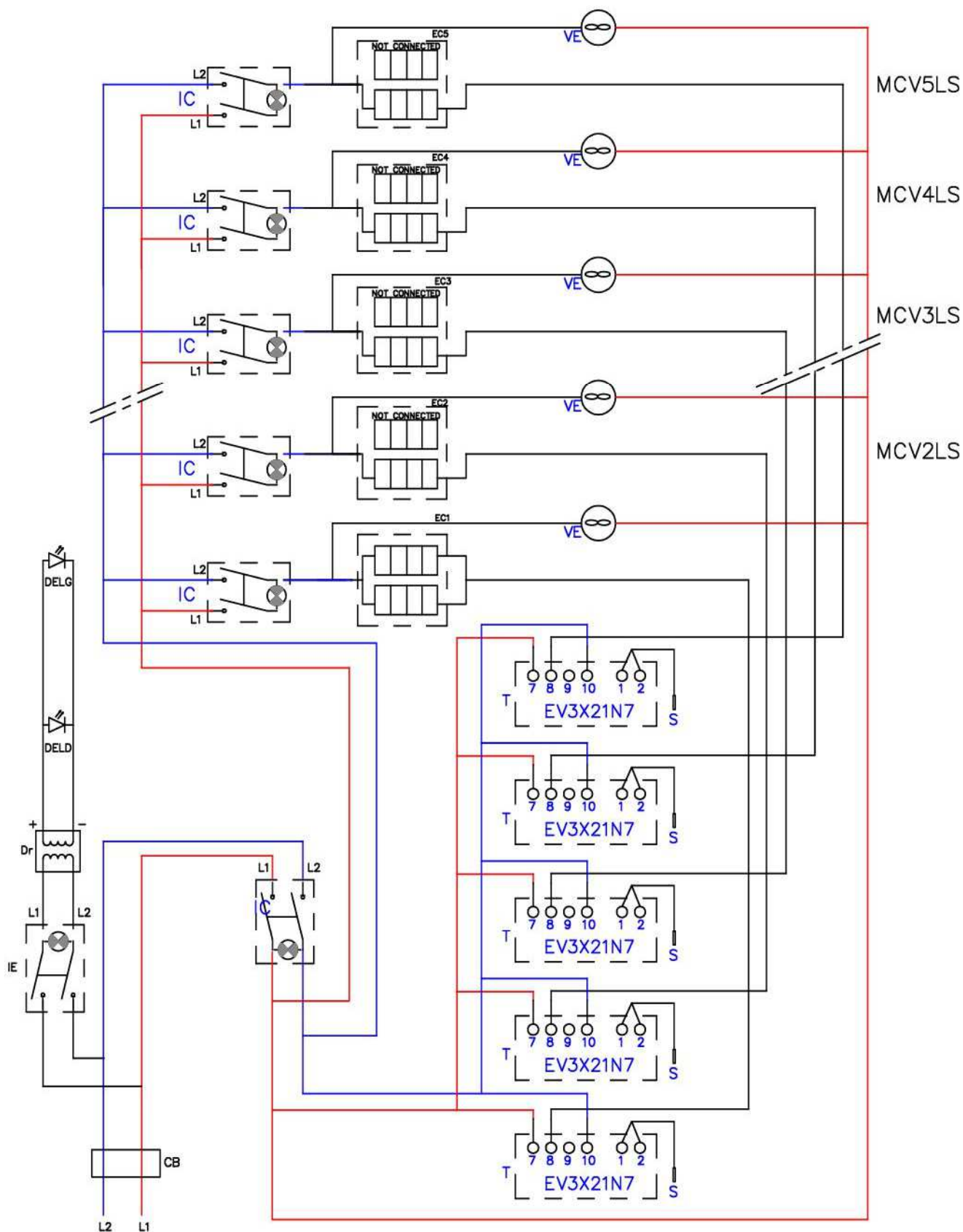
2x M4 SCREWS

brackets

HEATED AND VENTILATED SHOWCASE ELECTRICAL DIAGRAM

6MCV-LS-.PANO and Table top

208v ~ 60Hz Mono phase + ground



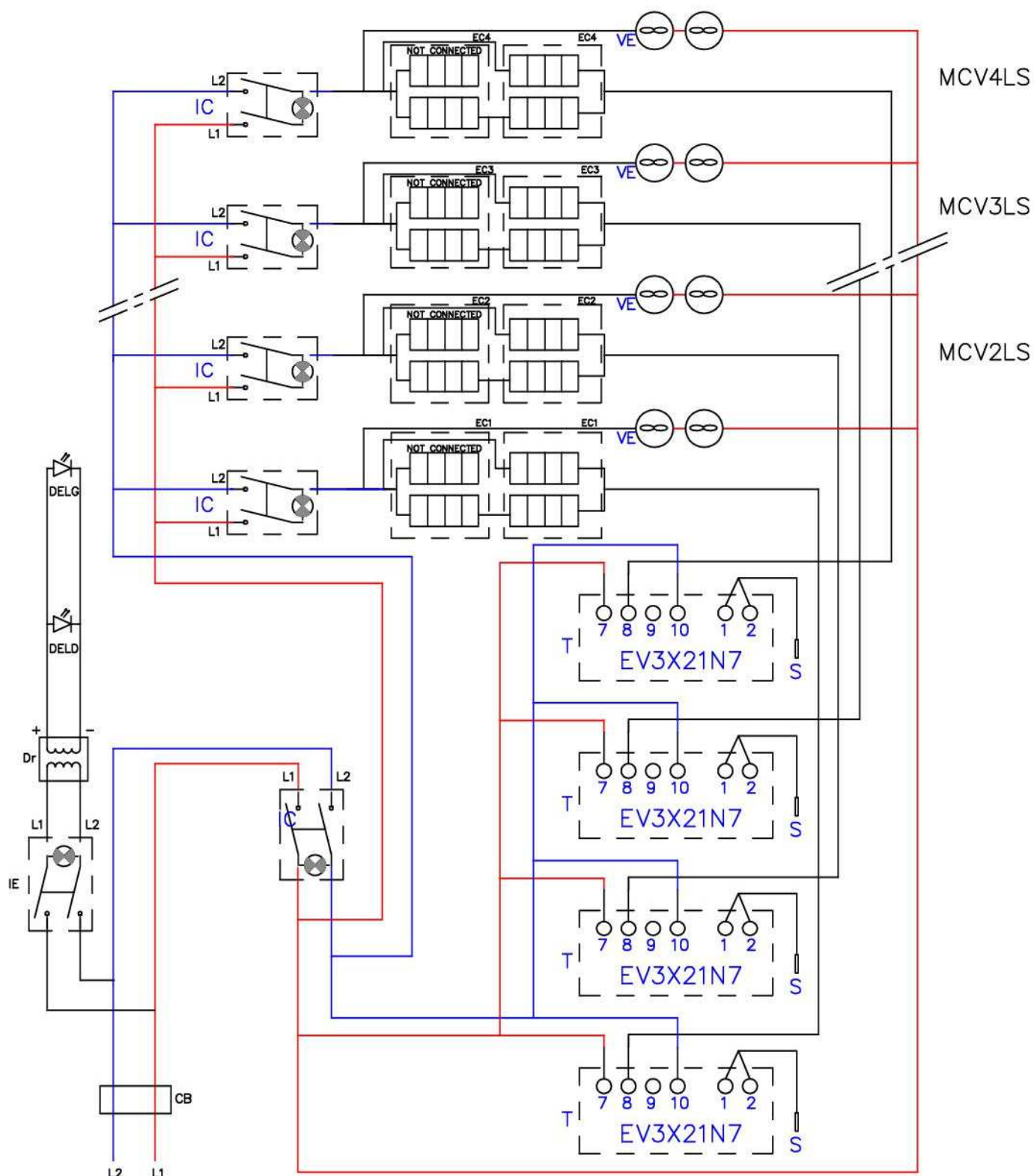
VE: Fan (TURBINE)	EC: HEATING ELEMENT
IC: HEATER SWITCH	IE: LIGHT SWITCH
T: THERMOSTAT	Va: VARIATOR
S: PROBE	DEL: DIODE ELECTRO
C: SWITCH	Dr: DRIVER LED
	CB: CIRCUIT BREAKER



HEATED AND VENTILATED SHOWCASE ELECTRICAL DIAGRAM

10MCV-LS-.PANO and Table top
(Except: 10MCV5LS-.PANO)

208v ~ 60Hz Mono phase + ground



VE: Fan (TURBINE)	EC: HEATING ELEMENT
IC: HEATER SWITCH	IE: LIGHT SWITCH
T: THERMOSTAT	Va: VARIATOR
S: PROBE	DEL: DIODE ELECTRO
C: SWITCH	Dr: DRIVER LED
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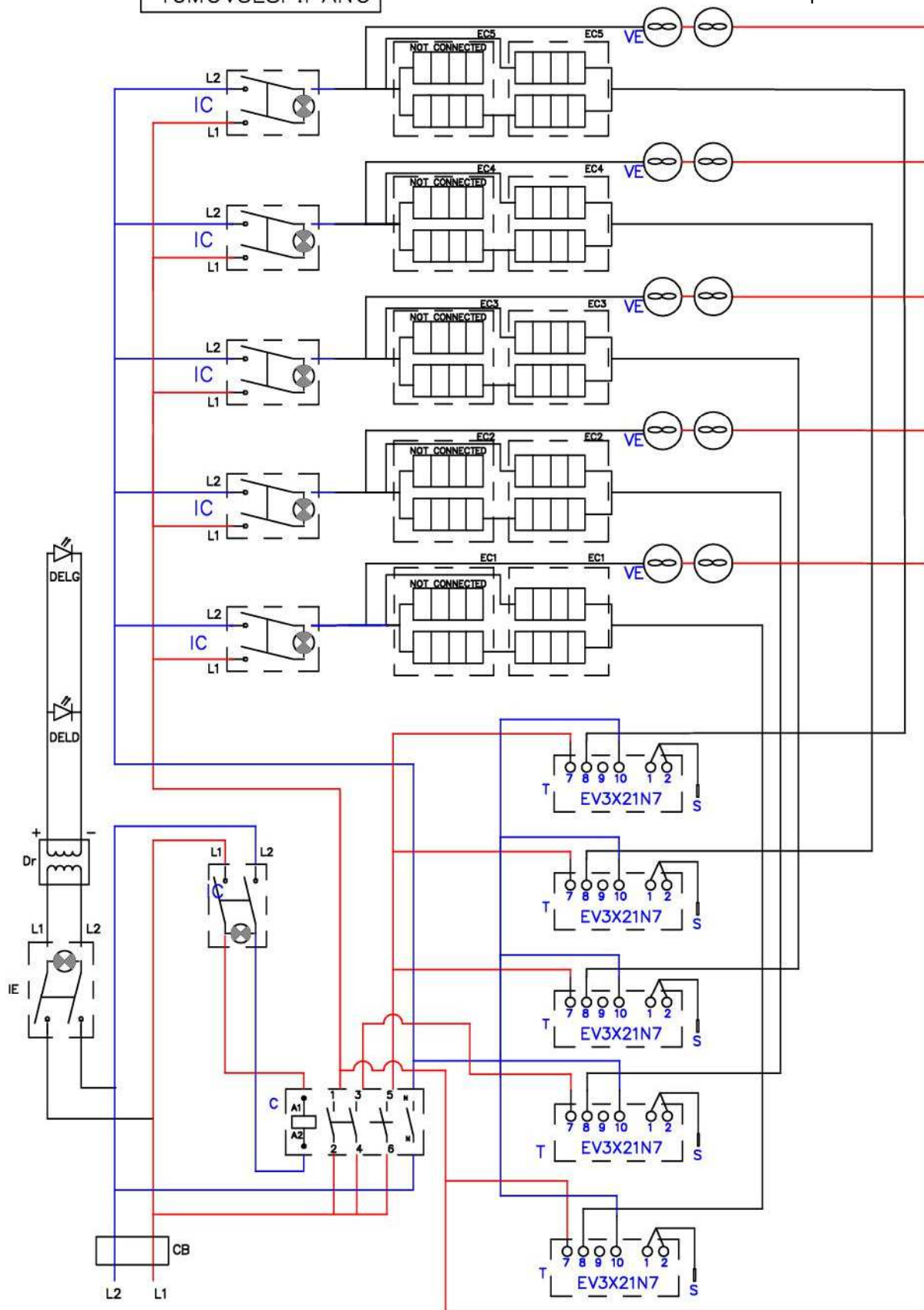
HEATED AND VENTILATED SHOWCASE ELECTRICAL DIAGRAM

10MCV5LST.PANO

10MCV5LSP.PANO

208v ~ 60Hz Mono phase + ground

On a specific line 32Amps



VE: Fan (TURBINE)
IC: HEATER SWITCH
T: THERMOSTAT
S: PROBE
C: SWITCH

EC: HEATING ELEMENT
IE: LIGHT SWITCH
Va: VARIATOR
DEL: DIODE ELECTRO
Dr: DRIVER LED
CB: CIRCUIT BREAKER

Rotisol

Le: 06/03/2024

6. CHECKING THE GOODS

Products travel at the risk of the buyer. Its responsibilities therefore include as the recipient, not give the order the carrier to unload the material only after ensuring the condition of the equipment delivered. Imprecise reservations such as "subject to unpacking" and "SUB QUALITY CONTROL RESERVE OR QUANTITY" have no legal value.

Upon receipt of goods, proceed as follows:

- Check in presence of the delivery, condition, quality, quantity of products delivered, even if the packaging appears externally in good condition. If there are reservations to be made, they must be accurately on the right of the carrier.
- If the carrier does not agree to remain present for this control, focus on the delivery "REFUSAL OF CARRIER TO ATTEND UNPACKING" and prevent officials the transport company.
- Reservations must be confirmed to the carrier within three days, by registered letter return receipt requested, with copies to Rotisol.
- Failure to follow this procedure will void the carrier and at the expense of Rotisol recipient.

7. WARRANTY

Rotisol guarantee for a period of 12 months from the invoice date to the specification by Rotisol manufacturing.

In case of manufacturing defect, the procedure for exchange or repair of products recognized as defective.

The exchange of parts under warranty requires the buyer to provide a copy of the original invoice of the goods.

The cost and risks of transportation, the cost of dismantling, reassembling, spare parts and repair costs site (staff, accommodation and equipment) are the responsibility of the buyer.

The warranty does not cover defects that come from the non-compliance of the installation, the product (improper installation, connection error, overvoltage, lightening, ect...), and incorrectly used modification or intervention by the purchaser or a third party.

Are excluded from the benefit of the guarantee the following items: mirrors, glass, quartz halogen lamps, granite, light bulbs, gaskets. We advise our clients to take out insurance « broken windows ».

To obtain warranty, all defective parts must be returned to 8 days. The parts under warranty are sent out at costs to the customer and are reimbursed upon receipt of defective parts, after inspection in our workshops.

Products replaced under warranty are guaranteed themselves for the remaining term to run under the original warranty.

Past 12 month warranty, all new parts replaced or shipped, pay the postage or labor force and displacement and will be guaranteed three months from the date of invoice.

In case of dispute the customer will be required to provide the original invoice, the absence of this document will void the warranty.

Any technical assistance from Rotisol will be bill to the customer.