PROVINO I
DRY AGE MEAT

E

Maintenance

And Use Manual

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1. INTRODUCTION

PRESENTATION

Dear Client,

Oscartek is pleased to number you among its customers and relies the bought machine will match your expectation. In order to get the best performances of the machine, we recommend you to follow all suggestions and instructions, which are included in this manual.

1.2. HOW TO USE THE MACHINE

- *PERMITTED USES*

This refrigerated display cabinet has been manufactured for **MEAT products** presentation and sell.

- *NOT PERMITTED USES*

It is absolutely forbidden the use of the refrigerated display cabinet for **pharmaceutical products**.

1.3. RESPECTED NORMS

The refrigerated display cabinet has been manufactured in respect of the safety issues relevant to the following norm:

- **Directive** N° 2006/95/CE : Low tension
- **Directive** N° 2004/108/CE : Electro-magnetic Compatibility
- **Directive** N° 97/23/EC (P.E.D.) : European Pressure Equipment
- **Norm** CEI 17-13/1 (EN 60439/1) : Realization of Electric Installations
- **Norm** CEI EN 60335-1 (CEI 61-150) : Safety of household and similar electrical appliances
- **Norm** CEI EN 60335-2-24 (CEI 61-56) : Special norms for refrigerators, freezers and ice machines
- **UL471**
- **NSF 7**

1.4. RESPONSIBILITY

Oscartek declines any responsibility relevant to damages on persons, animals and/or products in case of:

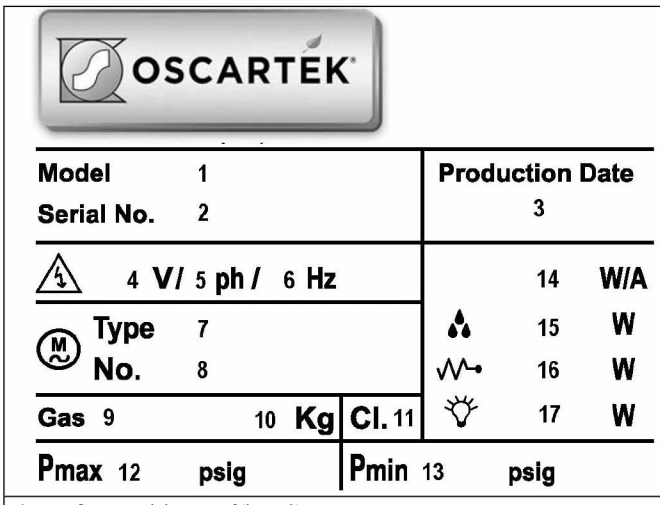
- No respect of in force norms
- Installation, which is not conform to the instructions manual
- No observance of all maintenance operations, which are suggested in this manual
- No previously agreed change operations with the manufacturer
- No proper use of the refrigerated display cabinet, for which the machine has been produced.

1.5. WARNING

Anytime Oscartek reserves the right to up-date the content of this manual and/or to modify the product in order to improve its quality and performance, without any previous notice and/or communication.

2. DISPLAY CASE DATA PLATE

2.1. DATA PLATE CONTENT



1. Commercial name of the unit
2. Identification number
3. Production date
4. Voltage
5. Phases
6. Frequency
7. Compressor type
8. Number of compressor
9. Refrigerant type
10. Refrigerant weight
11. Climatic rate (Cl.3 = +25°C/60% U.R.; Cl. 4 = +30°C/55% U.R.)
12. Test pressure – system high pressure side
13. Test pressure – system low pressure side
14. Nominal power/current absorbed during defrost
15. Max. power absorbed during defrost
16. Nominal power absorbed by heating elements (only if higher than 100W)
17. Lighting nominal power

3. TECHNICAL FEATURES OF STANDARD MACHINES 50Hz.

SCHEDA TECNICA - DATA SHEET		
SERIE/ SERIES - EXLUSIVE		X6PRVNIAM1000FH
CARATTERISTICHE - CHARACTERISTICS		
Dimensioni / Dimension (L x P x H)	**mm**	700 x 740 x 2350
Classe climatica Ambiente / Climate class - Environment	**°C / % U.R.**	25°C / 60%RH
Temperatura esercizio vetrina / Operating temperature showcase	**°C °F**	+2/+10 +35/+50
Umidità esercizio vetrina / Operating Umidity showcase	**RH**	+50% / +80%
Alimentazione Elettrica Electric power supply	**V**	220
	PH	1
	Hz	50/60
Potenza media consumata / average power consumption	**KW/h**	1,0
Potenza corrente max. assorbita vetrina/ Power current max. absorbed showcase	**W**	1500
	A	7,9
Potenza frigorifera necessaria all'evaporazione cooling power for remote application	**W BTU/h**	800 2730
Temperatura di espansione di riferimento / Reference expansion temperature	**°C °F**	-10 14
Gas Refrigerante / Refrigerant gas		R452A
Tipo refrigerazione /Refrigeration type		VENTILATED
Tipo sbrinamento / Defrost type		AUTOMATIC/ELECTRIC
Illuminazione / Lighting		LED 3000°K
Vaschetta evaporacondensa / condensate water discharge		NO PROVIDED
Peso vetrina / Weight showcase	**Kg**	190

NOTE
Necessaria acqua di rete in pressione minima pressione 2,5 bar/ Mains water at minimum pressure 2,5 bar required
Richiesto scarico condensa a pavimento/ Drain floor required

3.1 Limit of load

Limiti di carico

Per il rifornimento della vetrina è necessario osservare le seguenti regole:

• disporre il prodotto uniformemente, evitando zone vuote

• distanziare il prodotto l'uno dall'altro per favorire la corretta circolazione dell'aria.

• disporre il prodotto in modo da non superare il limite di carico previsto.

• non caricare con eccessivo peso le mensole della vetrina. **Il limite max. è di 60 kg a mensola** .

• evitare di coprire con il prodotto eventuali griglie di mandata e/o aspirazione.

É fondamentale non superare il limite previsto al fine di non alterare la circolazione corretta di aria ed evitare così una temperatura del prodotto più elevata ed un possibile rischio di formazione di blocchi di

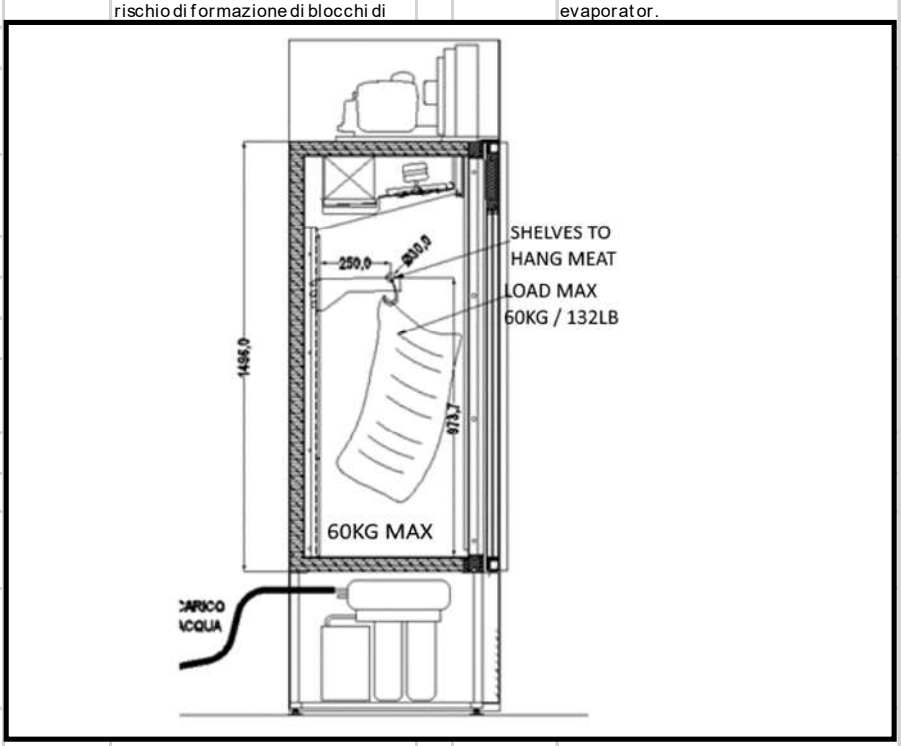
Load limits

The following rules must be observed when filling the display case:

- arrange the product evenly, avoiding empty areas
- Keep the product at a distance from each other to ensure proper air circulation.
- Arrange the product so that it does not exceed the expected load limit.
- do not overweight the shelves of the window. **The maximum limit is 60 kg for shelves .**
- avoid covering with the product any grids of delivery and/or suction.

The part highlighted with dark line represents the area in which the refrigerated product is to be placed.

It is essential not to exceed the limit provided in order not to alter the correct circulation of air and thus avoid a higher temperature of the product and a possible risk of ice blocks forming on the evaporator.



4. INSTALLATION

4.1. MACHINE HANDLING

- The wall showcase handling, from the truck to the final place, has to be made by any truck-lift, which is proper to its weight. The showcase shall be always balanced in order to ensure personnel integrity and machine functionality.
- The showcase can be shipped with or without wood packaging, in case wood crate will be used, will have a pallet base for an easy fork-lift handling. The pallet, however should be handle in the central position**.**
- During the shipment, it is necessary to avoid any crash or/and shake of the wall showcase in order to not damage its frame, especially its glasses
- Do not drag the wall showcase on the floor and do not push it on the upper glasses.
- In case the wall showcase has front or side room-glasses avoids its shipment by air.

4.2 STOCK OF THE SHOWCASE

- Whenever the showcase has to be stoked, follow carefully what suggested before.
- Environmental temperature during the showcase stock can have following range -15°C and + 55°C and humidity between 30% and 90%.
- The wall showcase has always to be protected by sunrays and raining.
- In case the wall showcase has to remain in stock quite long time before its use, keep it with its packaging in order to maintain its protection.

4.3 PACKAGING REMOVE

Before getting the wall showcase from the forwarding agent, check its conditions. In case it will be some damages, inform the driver and sign it on shipping documents. **Eventual damages relevant to the shipment and/or to the wrong stock, have not to be ascribed to the manufacturer.**

4.4 SHOWCASE POSITION

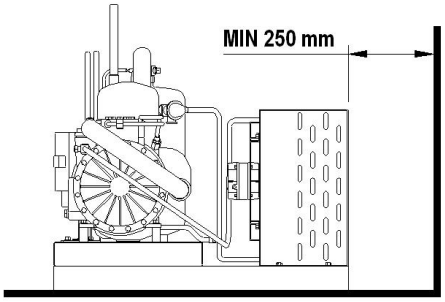
The refrigerated showcase needs particular environmental conditions in order to offer the right performance, so that the area where it will be used has to respect following indications

- Floor has to be levelled perfectly, on the contrary keep the wall showcase on the horizontal position in order to guarantee a perfect defrosting water drain and avoid boring compressor noises.
- The wall showcase has to not be under the sun-rays in order to have its better refrigeration performance, has to remain inside the local or to be sheltered by window curtain. If what described above is not observed, it can determinate an increase of temperature of displayed product and an increasing power consume.
- The wall showcase has not to be under air currents due to open doors or windows, or under roof ventilators or under air condition outlets.
  In case will be not respected the above suggestions it can arise an increasing of temperature of the displayed product and/or an increasing ice phenomena on the evaporator and internal fans, which compromise the correct cold air circulation and product consistence.
- The wall showcase has not to be placed close any heat source as heaters, ovens, etc
- The wall showcase has to have a sufficient place in order to ensure a correct custom service, to make an easy maintenance operation, to guarantee the right air flow necessary to make cold the condenser. Besides the warm air which flows out has to no have any obstacle or to invest other equipments in order to not reduce the correct functions.

4.5 REMOTE CONDENSING UNIT PLACING

- The remote condensing unit has to be checked by specialised technicians and according to the required refrigerating power and their position respect the showcase.
- The condensing unit has to be placed following these points:

- The condensing unit has to be located at least 250 mm from any eventual wall. **(pic.4.5)**
- Air flow direction has to be from the eventual wall towards compressor.
- The local, in case will be closed, has to be with enough air circulation.
- By the condenser has to be guaranteed in any case as much as possible cold air.
- In case will be necessary it has to be foreseen a forced air exchange by any fan according to the air flow of condenser.
- The condensing units of display showcase have to be fixed properly.
- The generated noise has not exceed the admitted noise levels relevant to the public places, especially in case of domestic buildings.
- It is always necessary a sufficient place along the four sides of the wall showcase in order to make easy any type of check and maintenance operations.
- When the condensing units are external will be necessary a frame holder that has to be fixed in a proper way and eventually added with amortising elements. Besides this frame has to be closet with no-water protection grid and sufficient opening holes for ventilation.



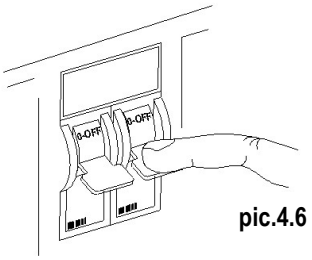
pic.4.5

4.6 ELECTRICAL CONNECTION

- Before proceeding with electrical connection, be sure that the available electric power and tension are what is required on technical label of the wall showcase.
- The electric connection has to be made by qualified personnel and following manufacturer's instructions.
- The wall showcase has already a general switch, however it is necessary an omni polar switch, with a minimum distance among the contacts of 3mm.
- It is obligatory that the wall showcase will be connected properly with an efficient ground socket.

WARNING! A wrong connection may occur always to persons, animals and things, where the manufacturer cannot be considered as responsible.

WARNING!
The wall showcase has no main switch breaking both the phases.
Before any maintenance operation disconnect the electrical supply of the wall showcase. (pic.4.6).



pic.4.6

4.7. IDRAULIC CONNECTION - REMOTE CONDENSING UNIT

- In the case then wall showcaset has a remote condensing unit, it is necessary make the connection of defrosting water outlet with the main water drain outlet.

5. WORKING

5.1. PRELIMINARY STEPS

- Model with built-in system. Before delivery to customer, it is very important that technicians will verify the correct functioning of the unit, so to obtain best possible efficiency
- Model with remote condensing unit. Please proceed as per previous point and carry out the following operations with accuracy:

- Verify, when the unit is out, that no leak of refrigerant is observed (systems are generally tested with reference to their wet seal)
- Verify through the liquid-gauge that the refrigerant charge is appropriate
- Regulate the condensing pressure control system
- Regulate the expansion valve properly, after you have completely opened the valve that controls the compressor's carter pressure
- Regulation of the above control valve can only be done during defrost cycle
- Regulate high and low pressure valves
- Verify that water does not leak from the insulated pipes or from the joints

5.2. SET INTO OPERATION

In order to set the unit into operation please operate on the following buttons:

- Main switch (on the external electrical board)
- ON-OFF button on the control panel (1).
- Light button on the control panel (2)
- Electronic control, on the control panel, for temperature setting.

REGOLAZIONE
ADJUSTMENT

1	Se premuto avvia il funzionamento della vetrina. When pressed starts operation of the showcase.
2	Se premuto accende le luci di illuminazione della vetrina. When pressed turns on the lights illuminating the display case.
3	Se premuto avvia il ciclo manuale di sbrinamento. When pressed starts the manual defrost cycle.
4	Se premuto visualizza lo storico allarmi When pressed it display the alarm history
5	Se premuto permette di cambiare il setpoint temperatura If pressed it allows to modify the temperature setpoint
6	Se premuto permetter di cambiare il setpoint umidità If pressed it allows to modify the umidity setpoint
7	Mantenere premuto per modificare il setpoint temperatura Keep pressed to change the temperature setpoint
8	Mantenere premuto per cambiare il setpoint umidità Keep pressed to change the umidity setpoint
9	Se premuto aumenta il valore visualizzato sul display. When pressed increases the value shown on the display.
10	Se premuto diminuisce il valore visualizzato sul display. When pressed decreases the value shown on the display.
11	Se premuto annulla la modifica corrente When pressed it cancels the modification made
12	Se premuto salva il parametro impostato When pressed save the set parameter

For all the functionaly see the specifica manual of the Vision Touch

- **ALARMS.**

If any fault occurs, the 200VTOUCHTHR controller informs the operator, by means of alarm codes visualized on the display (via pop-up or on the 'Alarms' page) and an acoustic signal emitted by a buzzer inside the operating Console. One of the following messages appears on the screen when an alarm condition occurs:

ALARM CODE	POSSIBLE CAUSE	OPERATION TO BE EXECUTED
E0	*EEPROM Vision Touch alarm*	• Switch the appliance off and back on. • Select 'Repair EEPROM' in the 'Software' menu. • If the problem persists, contact the technical assistance service.
E0m	*EEPROM 100N MASTER alarm*	• Switch the appliance off and back on. • If the problem persists, contact the technical assistance service.
EFd	*Read / Write Error on Data logger Memory. (The alarm stops the Data logger recording and sets the parameter int = 0)*	• Delete the memory of the Data logger by setting the parameter Mem = 1. • Turn off and on again the Vision Touch. • When the alarm is called off, reset the Data logger records by resetting the int parameter to the desired value. • If the problem persists, contact the technical assistance service.
E1	*Probe connected to channel 1 functional fault*	• Check the probe status. • If the problem persists, replace the probe.
E2	*Probe connected to channel 2 functional fault*	• Check the probe status. • If the problem persists, replace the probe.
E3	*Probe connected to channel 3 functional fault*	• Check the probe status. • If the problem persists, replace the probe.
E4	*Probe connected to channel 4 functional fault*	• Check the probe status. • If the problem persists, replace the probe.
E5	*Probe connected to channel 5 functional fault*	• Check the probe status. • If the problem persists, replace the probe.
Eg	*General alarm* (e.g. Thermal protection or max pressure switch) (The outputs are all disabled apart from the alarm output, if present)	• Check compressor absorption. • If the problem persists, contact the technical assistance service.

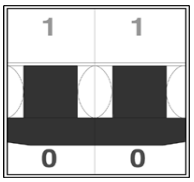
Ec	*Compressor protection alarm* (The compressor output is disabled)	• Check compressor absorption. • If the problem persists, contact the technical assistance service.
EU	*Humidifier alarm* (The humidifier output is disabled)	• Check the humidifier status. • If the problem persists, contact the technical assistance service.
EF	*Fans protection* (The fans output is disabled)	• Check the fans status. • If the problem persists, contact the technical assistance service.
En	*No connection between Console and MASTER board.*	• Check the connection between the two units. • If the problem persists, contact the technical assistance service.
EnI	*MASTER board initialization error.*	• Check the connection between the two units. • Switch the Vision Touch off and on again. • If the problem persists, contact the technical assistance service.
EuH	*Maximum humidity alarm.* The environment has reached a humidity level higher than that set for the maximum humidity alarm (*See variables AU2, 'Alarms regulation' menu*)	• Check the humidity management. • The probe does not detect humidity correctly.
EuL	*Minimum humidity alarm.* The environment has reached a humidity level lower than that set for the minimum humidity alarm (*See variables AU1, 'Alarms regulation' menu*)	• Check the humidity management. • The probe does not detect humidity correctly.
EtH	*Maximum temperature alarm.* The environment has reached a temperature level higher than that set for the maximum temperature alarm (*See variables At2, 'Alarms regulation' menu*)	• Check the compressor status. • The probe does not detect the temperature correctly or the compressor on/off control does not work.
EtL	*Minimum temperature alarm.* The environment has reached a temperature level lower than that set for the minimum temperature alarm (*See variables At1, 'Alarms regulation' menu*)	• Check the compressor status. • The probe does not detect the temperature correctly or the compressor on/off control does not work.
Ed	*Dehumidification timeout* The dehumidification output has remained active for a longer time than the variable dEt.	• Check the dehumidifier status. • Increase the set time limit in the parameter dEt ('Machine protection' menu).
Ec1	*Configuration Error* *Room Temperature probe*	• Check the configuration of the analogue inputs
Ec2	*Configuration Error* *Evaporator Temperature probe*	• Check the configuration of the analogue inputs • Check enabling of the evaporator probe
Ec3	*Configuration Error* *Room Humidity probe*	• Check the configuration of the analogue inputs • Check enabling of humidity management
Ec4	*Configuration Error* *Hot water Temperature probe*	• Check the configuration of the analogue inputs • Check enabling of hot water management

Ec5	*Configuration Error* *Cold water Temperature probe*	• Check the configuration of the analogue inputs • Check enabling of cold water management
Ec6	*Configuration Error* *Outside Temperature probe*	• Check the configuration of the analogue inputs • Check enabling of automatic air change cycles
Ec7	*Configuration Error* *Outside Humidity probe*	• Check the configuration of the analogue inputs • Check enabling of automatic air change cycles
Ec8	*Configuration Error* *pH probe*	• Check the configuration of the analogue inputs • Check enabling of the pH probe
Ec9	*Configuration Error* *Piercing probe*	• Check the configuration of the analogue inputs • Check enabling of the piercing probe
Edi	*Digital input configuration error during an import or update configuration.*	• Check the configuration of the digital input • Reconfigure the input disabled
Edo	*Digital output configuration error during an import or update configuration.*	• Check the configuration of the digital output • Reconfigure the output disabled
Eai	*Analogue input configuration error during an import or update configuration.*	• Check the configuration of the analogue input • Reconfigure the input disabled
Eao	*Analogue output configuration error during an import or update configuration.*	• Check the configuration of the analogue output • Reconfigure the output disabled
EPH	*High pressure general alarm* (The outputs are all disabled apart from the alarm output, if present)	• Check the refrigerant circuit • If the problem persists, contact the technical assistance service
EPL	*Low pressure general alarm* (The outputs are all disabled apart from the alarm output, if present)	• Check the refrigerant circuit • If the problem persists, contact the technical assistance service

6. ROUTINE MAINTENANCE AND PERIODIC CHECKS

- **These kinds of operations are at client's expenses.**
- In case some malfunctioning of the unit are observed, please make sure this is not due to non-maintenance reasons, before you apply to qualified assistance.
- The accurate and periodic cleaning of the unit will reduce the risk of damages to the unit itself and to the products stored within.
- See following tab for reference.

ATTENTION ! Before starting any maintenance and cleaning operation make sure you operate on the main switch in order to deactivate tension **(pic.6)**



(pic.6)

MAINTENANCE OPERATIONS AND THIR FREQUENCY. A SUMMARY TAB.

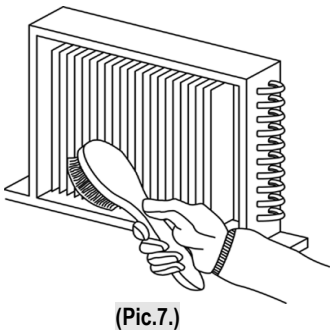
OPERATION	DESCRIPTION	FREQUENCY
Surfaces' cleaning	• Wash exclusively with warm water and neutral soup; rinse abundantly and wipe off with a soft cloth. • Do not use abrasive products	weekly
Plastic surfaces' cleaning	• Wash exclusively with warm water and neutral soup; rinse abundantly and wipe off with a soft cloth. • Do not use alcohol, acetone and any solvent that might spoil the look and structure of the material.	weekly
Glass surfaces' cleaning	• Use only specific products for glass cleaning • Using water alone might lead to calcareous deposits on the glass surfaces	daily
Wooden surfaces' cleaning	• Use exclusively a wet cloth.	weekly
Additional defrost	• Under particular conditions of temperature and humidity, the frost that normally forms on the evaporator and fans might increase in volume, so leading to a faulty functioning the unit. • If these conditions should last, the assistance of a qualified technician shall be needed. Waiting for this service, it is suggested to operate one or more defrost cycles (despite the damages this might cause to the stored product)	Waiting for qualified assistance
Periodic defrost	• In order to obtain the best performance from the cooling system, we suggest to operate an extended defrost cycle. • Before you do that, please remove displayed products from inside the cabinet; always operate an additional defrost cycle in order to remove from the evaporator the largest possible amount of frost or ice. Turn the main switch off for 5 hours (min.) • Before re-starting the unit, make sure that frost has totally melted and wipe carefully.	max. 15 DAYS
Humidity sistem	• For this system you can see the specifical manual "WTS compact" and Humisonic	
ATTENTION! DO NOT CLEAN THE UNIT WITH WATER JETS		

7. EXTRAORDINARY MAINTENANCE

This type of operation has to be made by qualified technician only.

ATTENTION! Before operating any maintenance, make sure the tension is deactivated. (pic.6).

- Lamps' replacement: qualified technician needed.
- Air condenser cleaning: qualified technician needed. When the fan is switched off you can clean the condenser with a compressed air jet. Never use metallic brushes. Use protection gloves **(pic.7).**



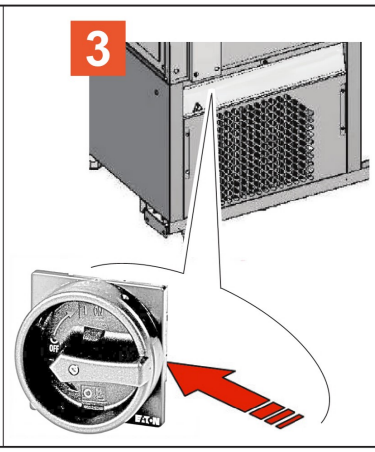
(Pic.7.)

8. TABLE OF THE REFRIGERATION-ELECTRICAL SYSTEMS TERMS

AGD	DIGITAL FLAVOURS DISPLAY FEEDER
AP	SERVICE VALVE
CA	SUPPLY CABLE
CAR	AIR CONDENSER
CE	ELECTRONIC CONTROL
CO	COMPRESSOR
CON	CONTACTOR
CONS	DEFROSTING RESISTANCE CONTACTOR
D	DIOD
EV	EVAPORATOR
F	MAIN FUSE
FD	FILTER DRIER
FDBD	BIDIRECTIONAL FILTER DRIER
IGD	DIGITAL FLAVOURS DISPLAY
Il	LIGHTING SWITCH
IL	SIGHT GLASS
IMC	WARM SHELF SWITCH
IMG	GENERAL MAGNETIC-THERMIC SWITCH
IMI	LIGHTING MAGNETIC-THERMIC SWITCH
IMR	REFRIGERATION MAGNETIC-THERMIC SWITCH
IR	REFRIGERATION SWITCH
IRP	LIGHT REFRIGERATION SWITCH
IS	MOTOR PROTECTION
IV	INTERNAL FAN SWITCH
LF	FRONT LIGHTING
LI	INTERNAL LIGHTING
LIG	FLAVOURS DISPLAY LIGHTING
MDIG	DIGITAL MODULE FOR FLAVOURS DISPLAY
MQE	EXTERNAL ELECTRIC PANEL CONNECTIONS
MUC	CONDENSING UNIT ELECTRIC CONNECTIONS
MV	DISPLAY CABINET CONNECTIONS
PA	HIGH PRESSURE CONTROL
PD	HIGH-LOW PRESSURE CONTROL
QE	EXTERNAL ELECTRIC PANEL
R	LIGHTING BALLAST
RAD	FRONT/LEFT GLASS RELAYS
RAS	FRONT/RIGHT GLASS RELAYS
RE	COMPRESSOR RELAYS
RES1	ANTI-FOG BACK HEATING ELEMENT
RES2	ANTI-FOG FRONT HEATING ELEMENT
RES3	RIGHT/LEFT GLASS HEATING ELEMENT
RES4	FRONT GLASS HEATING ELEMENT
RES5	DEFROST HEATING ELEMENT
RES6	DEFROSTING WATER EVAPORATION HATING ELEMENT
RES7	TOP LIGHTING FIXTURE HEATING ELEMENT(optional)
RES8	ANTI-FOG GLASS SUPPORT HEATING ELEMENT
RES9	ANTI-FOG FRONT BAND HEATING ELEMENT
RES10	ANTI-FOG COUPLING BAND HEATING ELEMENT
RES11	ANTI-FOG SERVICE TOP HEATING ELEMENT
RES12	ANTI-FOG UPPER BAND/DOOR FRAME HEATING ELEMENT
RES13	HOT DRY/BAIN MARIE DISPLAY HEATING ELEMENT
RES14	ANTI-FOG SUCTION AIR BAND HEATING ELEMENT
RES15	WARM SHELF HEATING ELEMENT
RES16	SIDE BANDS/ FRONT GLASS HINGE HEATING ELEMENT
RES17	DEHUMIDIFICATION HEATING ELEMENT
RES18	DEFROSTING WATER DRAIN HEATING ELEMENT
RES20	SIDE BAND HEATING ELEMENT
RES21	SUCTION AIR GLASS HEATING ELEMENT
RES22	DISCHARGE AIR HEATING ELEMENT
REV	CONDENSER FAN SPEED CONTROL
REVC	CONDENSER FAN RELAY
RI	TAP
RIC	COMPRESSOR DELAYER
RIS	DEFROSTING TAP
RL	LIQUID RECEIVER
RLA	WATER LEVEL ELECTRONIC REGULATOR
RV	HEATED GLASSES RELAY
SC	CONDENSER PROBE
SD	TERMINAL BOX
SDC	COMPRESSOR TERMINAL BOX
SEB	BIPOLAR MAIN SWITCH
SEQ	QUADRIPOLAR MAIN SWITCH
SFV	TANK BOTTOM HEATING COIL
SIDG	FLAVOURS DISPLAY DIGITAL SYSTEM
SC	CONDENSER PROBE
SL	LIQUID SEPARATOR
SLM	WATER LEVER PROBE
SPBC	COMPRESSOR PROTECTION LIGHT
SPC	COMPRESSOR LIGHT
SPMC	WARM SHELF LIGHT
SPR	ELECTRIC SUPPLY LIGHT
SPS	DEFROSTING LIGHT
SS	DEFROSTING PROBE
ST	TEMPERATURE PROBE
STR	LIGHTING STARTER
T	TEMPERATURE CONTROL
TC	CAPILLARY TUBE
TE	TIMER
TER	THERMOMETER
TF	FUSIBLE PLUG
TMC	WARM SHELF THERMOSTAT
TP	LIGHTING FIXTURES THERMOSTAT (optional)
TRA	CABINET SUPPLY TRANSFORMER
TRC	ELECTRONIC CONTROL TRANSFORMER
TREV	WATER EVAPORATION HEATING ELEMENT THERMOSTAT
TRGD	FLAVOURS DISPLAY DIGITAL SYSTEM TRANSFORMER
TRV	HEATED GLASS TRANSFORMER
TS	SECURITY THERMOSTAT
TSS	DEFROST SECURITY THERMOSTAT
TVC	CONDENSER FAN THERMOSTAT
VAA	HEATED FRONT GLASS TENSION VARIATOR
VAL	HEATED SIDE GLASS TENSION VARIATOR
VC	CONDENSER FAN
VEC	WATER EVAPORATION BIN
VES	EXPANSION VALVE
VI	INTERNAL FAN
VP	CONDENSING PRESSURE CONTROL WATER VALVE
VR	CHECK VALVE
VRA	SUCTION PRESSURE REGULATION VALVE
VRE	EVAPOTATING PRESS. REGUTATION VALVE
VSA	SOLENOID WATER VALVE
VSIC	REVERSING CYCLE SOLENOID VALVE
VSL	LIQUID SOLENOID VALVE
VSS	DEFROSTING SOLENOID VALVE
VT	POWER REGULATOR
VV	GLASS FAN
VVI	INTERNAL FAN POWER REGULATOR

COMANDI RAPIDI - QUICK CONTROLS

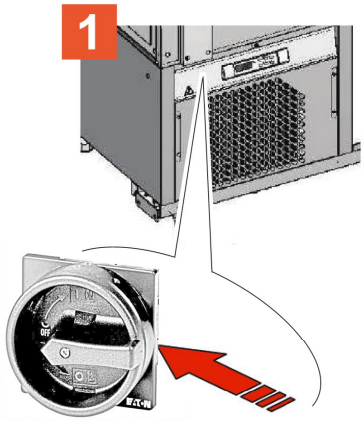
ACCENSIONE POWER ON

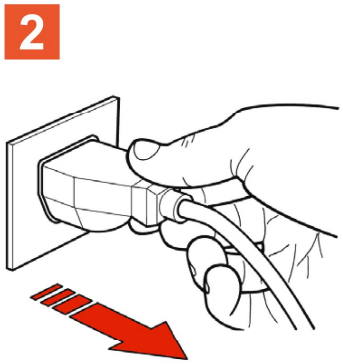


REGOLAZIONE ADJUSTMENT

1	Se premuto avvia il funzionamento della vetrina. When pressed starts operation of the showcase.
2	Se premuto accende le luci di illuminazione della vetrina. When pressed turns on the lights illuminating the display case.
3	Se premuto avvia il ciclo manuale di sbrinamento. When pressed starts the manual defrost cycle.
4	Se premuto visualizza lo storico allarmi When pressed it display the alarm history
5	Se premuto permette di cambiare il setpoint temperatura If pressed it allows to modify the temperature setpoint
6	Se premuto permetter di cambiare il setpoint umidità If pressed it allows to modify the umidity setpoint
7	Mantenere premuto per modificare il setpoint temperatura Keep pressed to change the temperature setpoint
8	Mantenere premuto per cambiare il setpoint umidità Keep pressed to change the umidity setpoint
9	Se premuto aumenta il valore visualizzato sul display. When pressed increases the value shown on the display.
10	Se premuto diminuisce il valore visualizzato sul display. When pressed decreases the value shown on the display.
11	Se premuto annulla la modifica corrente When pressed it cancels the modification made
12	Se premuto salva il parametro impostato When pressed save the set parameter

SPEGNIMENTO POWER OFF





CLIENTE	COMMESSA	OGGETTO	DESIGNER	DATA	TAV.	REV.	SCALA
CLIENTE	V00000	OGGETTO	Luca Sonno	01/01/2017	1	A	1:20

OSCARTEK

22BS.MAC-PEGO/UL

ATT. COLLEGAMENTO A TERRA

LEGEND

AEL	Led Supplier		
CE	PEGO Controller	SU	UMIDITY PROBE
FU	FUSE	SSU	OVERHEATING PROBE
LED	LED LIGHT	SS	DEFROSTING PROBE
K	CAREL EVD CONTROLLER	ST	Room Probe
MI	MICROSWITCH DOOR	VES	EXPANSION VALVE
P	PRESSURE TRASDUCER	TR	Trasformer
RES2	HEATING WIRE	VI	Internal fans
RES5	DEUMIDIFY HEATING	VT	DIMMER REGOLATOR
RES6	DEFROST HEATING ELEMENT	X1	Terminals

PEGO 100N MASTER

CAREL EVD0000E20

CAREL HUMISONIC

DIXELL XH20P

TRASFORMATORE CATMS24

BASETTA PROFESS

220V/1ph/60Hz. POWER SUPPLY