



# VENTURA

NEUTRAL



## Maintenance And Use Manual

### OSCARTEK

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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 module has been manufactured for **pastry 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

### 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

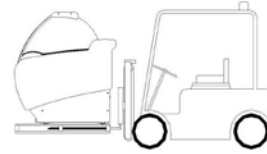
 		 	
<b>Model</b> 1	<b>Production Date</b>	<b>Model</b> METROPV21	<b>Production Date</b> MAG.13
<b>Serial No.</b> 2	3	<b>Serial No.</b> SN1391QC	
 <b>4 V / 5 ph / 6 Hz</b>	14 <b>W/A</b>	 <b>120 V / 1 ph / 60 Hz</b>	1500/15.6 <b>MAX W/A</b>
 <b>Type 7</b>	 <b>15 W</b>	 <b>Type NT6222GK</b>	 <b>W</b>
 <b>No. 8</b>	 <b>16 W</b>	<b>No. 1</b>	 <b>850 W</b>
<b>Gas 9 10 Kg Cl. 11</b>	 <b>17 W</b>	<b>Gas R404A 840Z Cl. 75°F-55% RH</b>	 <b>100 W</b>
<b>Pmax 12 psig</b>	<b>Pmin 13 psig</b>	<b>Pmax 360 psig</b>	<b>Pmin 30 psig</b>
		<b>SAMPLE</b>	
1. Commercial name of the unit	10. Refrigerant weight		
2. Identification number	11. Climatic rate (Cl.3 = +25°C/60% U.R.; Cl. 4 = +30°C/55% U.R.)		
3. Production date	12. Test pressure – system high pressure side		
4. Voltage	13. Test pressure – system low pressure side		
5. Phases	14. Nominal power/current absorbed during defrost		
6. Frequency	15. Max. power absorbed during defrost		
7. Compressor type	16. Nominal power absorbed by heating elements (only if higher than 100W)		
8. Number of compressor	17. Lighting nominal power		
9. Refrigerant type			

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### 3. INSTALLATION

#### 3.1. MACHINE HANDLING

- The pastry display cabinet handling, from the truck to the final place, has to be made by any truck-lift, which is proper to its weight. The display cabinet shall be always balanced in order to ensure personnel integrity and machine functionality (**pic.3.1**)
- The cabinet 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 display cabinet in order to not damage its frame, especially its glasses.
- Do not drag the display cabinet on the floor and do not push it on the upper glasses.



**PIC.3.1**

#### 3.2. STOCK OF THE DISPLAY CABINET

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

#### 3.3. PACKAGING REMOVE

Before getting the display cabinet 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.**

#### 3.4. DISPLAY CABINET POSITION

The refrigerated display cabinet 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 display cabinet on the horizontal position in order to guarantee a perfect defrosting water drain and avoid boring compressor noises.
- The display cabinet 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 display cabinet 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 display cabinet has not to be placed close any heat source as heaters, ovens, etc.
- The display cabinet 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.

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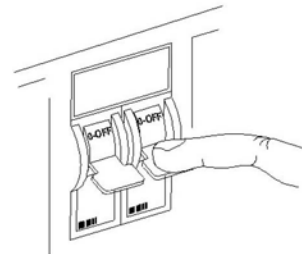
### 3.5. ELECTRICAL CONNECTION

- Before proceeding with electrical connection, be sure that the available electric power and tension are what is required on technical label of the cabinet.
- The electric connection has to be made by qualified personnel and following manufacturer's instructions taking into consideration the relevant norms in force.
- The display cabinet 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 display cabinet will be connected properly with an efficient ground socket.

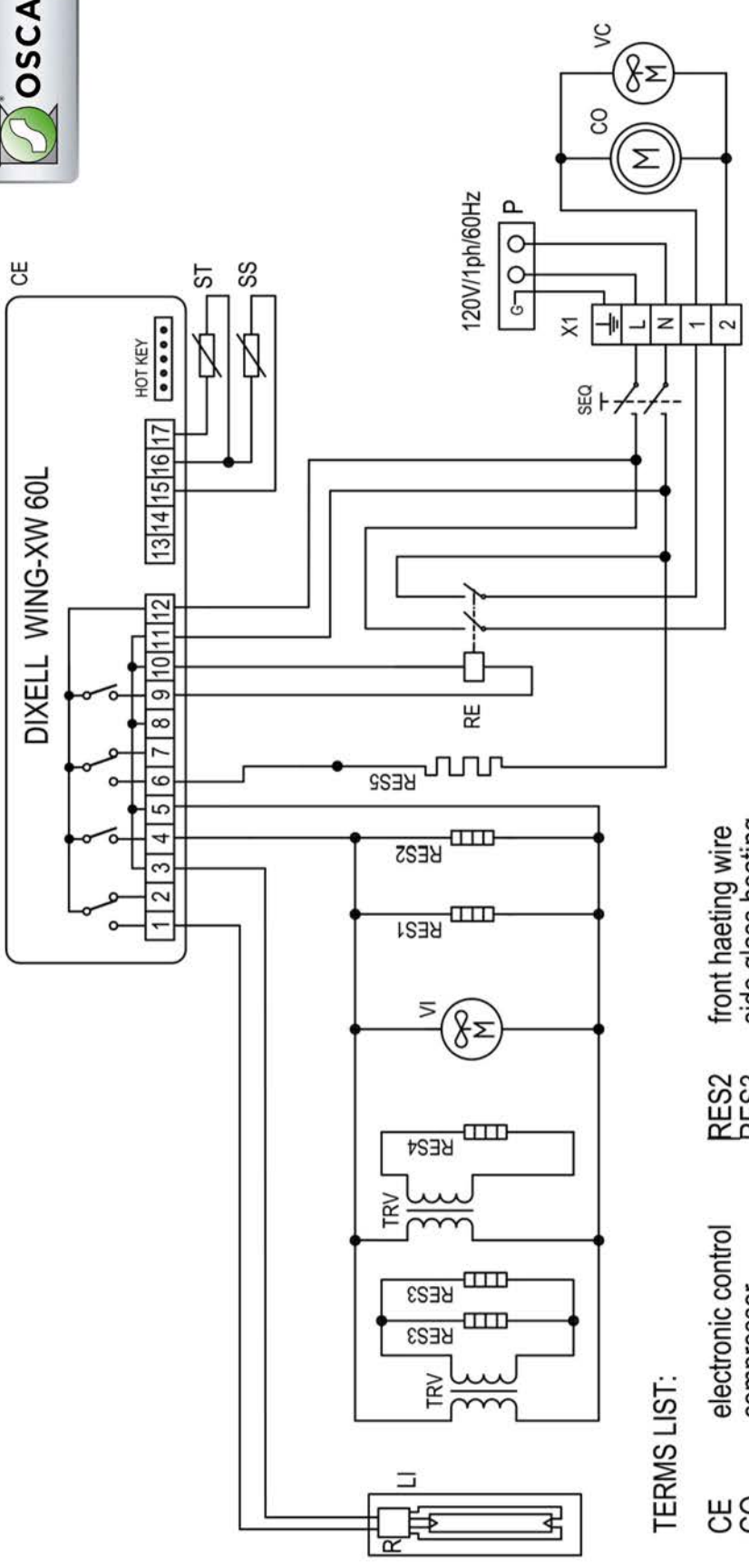
**WARNING!** A wrong connection may occur always to persons, animals and things, where the manufacturer cannot be considered as responsible.

**WARNING!**

**The display cabinet has no main switch breaking both the phases.  
Before any maintenance operation disconnect the electrical supply of the display cabinet (see label on the rear of the display cabinet). (pic.3.6).**



pic.3.6



TERMS LIST:

- CE electronic control
- CO compressor
- LI internal lamp
- P plug
- R internal ballast
- RE motor relay
- RES1 back heating wire
- RES2 front heating wire
- RES3 side glass heating
- RES4 front glass heating
- RES5 defrost heating element
- SEQ main switch
- SS defrost probe
- ST temperature probe
- TRV heating glass transformer
- VC condenser fan
- VI internal fan
- X1 internal terminal blocks



REV.	DATA	DESCRIZIONE	VERIFICA	APPROVAZIONE	DENOMINAZIONE
0	18/06/08	ISSUED			Wiring diagram (internal/external condensing unit)
					P/N
					18/06/08
					SEF 254-07-ETL

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Certified Quality System ISO 9001:2000

