

MAINTENANCE HANDBOOK



Correct Disposal of This Product (Waste Electrical & Electronic Equipment)



(Applicable in the European Union and other European countries with separate collection system)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material sources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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1.0 OPERATING CONDITIONS




1.1 GENERAL INFORMATION

Our appliances are designed and optimised in order to obtain high performance. This appliance must not be used by people with limited physical, mental or sensory abilities or without experience and knowledge of it, unless instructed in its use by those responsible for their safety.

1.2 OPERATING CONDITIONS

 **Do not store pressurised spray bottles bearing the wording “flammable”. Risk of explosion!** The appliance must only be used within the temperature range specified by the manufacturer.

2.0 SPECIFICATIONS

<i>made in Italy</i>				Temperature	
Matricola / Serial n°		Modello / Model			
<i>P. Supply</i>		<i>Frequency</i>		<i>Current</i>	
<i>Abs. Power</i>		<i>Clima Class</i>		<i>IP</i>	
<i>Cool. Cap.</i>		<i>Refrigerant</i>		<i>Quantity</i>	
<i>Cool. Cap.</i>		<i>Refrigerant</i>		<i>Quantity</i>	
<i>Cool. Cap.</i>		<i>Refrigerant</i>		<i>Quantity</i>	
2006/95/CE 2004/108/CE			Ins. HFC 245		
					

The appliance conforms to European directives as given in detail on the attached **certificate of EC conformity**.

The data are featured on the CE plate inside the appliance.

3.0 INSTALLATION

3.1 INTRODUCTION

The appliance must be used solely for the purpose it was specifically designed for, i.e. for storing food within the temperature range stated by the manufacturer. Understand that any other use shall be considered improper.

 **The Manufacturer declines all responsibility in the event of improper use of the appliance.**

3.2 DAMAGE CHECK

Check all parts of the appliance for damage and that the standard-issue accessories inside are as expected.

3.3 CLEANING

Remove the PVC film covering the inside and outside of the appliance. Clean the compartment inside using a sponge damp with lukewarm water.

3.4 WORKING CONDITIONS

Make sure the room in which the appliance is installed meets the following conditions:

- Room temperature in the range 5°C to 43°C.
- Positioning away from sources of heat and in a well ventilated area.

3.5 LEVELLING


Move the appliance into its final position and adjust the screw-type feet until you have the unit perfectly level.

3.6 PUTTING INTO OPERATION

Before connecting to the power mains, make sure:











- Voltage and frequency are in conformity with the working conditions featured on the CE plate inside the appliance: maximum tolerance is $\pm 10\%$ of the rated value.
- The power supply circuit meets regulations in force.
- The electrical system is fitted with a residual current circuit breaker (automatic cutout).
- Earthing is compulsory.



If the appliance is going to be switched off for a length of time, it is best to disconnect its power cord.

 **The manufacturer cannot be held responsible for damage or injury resulting from failure to earth the appliance or inefficient earthing thereof, incorrect installation, tampering, poor maintenance and incompetent use, or resulting from failure to comply with electrical safety standards in force in the country where the appliance is used.**

4.0 CONTROL PANEL



	To see the max. stored temperature; in programming mode it browses the parameter codes or increases the displayed value.		To see the min stored temperature; in programming mode it browses the parameter codes or decreases the displayed value.
	To display target set point; in programming mode it selects a parameter or confirm an operation.	 + 	To enter in programming mode.
	To switch the instrument off.	 + 	To return to the room temperature display.
 + 	To lock & unlock the keyboard.		

LED	MODE	FUNCTION
	On	Compressor enabled
	Flashing	Anti-short cycle delay enabled
	On	An alarm is occurring
°C/°F	On	Programming phase
	Flashing	Measurement unit


5.0 OPERATION

5.1 SWITCHING ON


Once you have turned on the appliance's power, the control panel (4.0) automatically runs a lamp test. The LEDs and displays come on for a few seconds, after which the display reads “**OFF**” (control panel goes into **Standby** mode).

Make sure the appliance is in standby mode.

Press button .

Display  gives the temperature inside the appliance.

Led  flashes for a few minutes with the compressor off (compressor start delay).

LED  stops flashing and remains steadily lit, the compressor starts and works non-stop to reach the setpoint temperature that has been entered.

5.2 SWITCHING OFF

 **If leaving the appliance switched off for some time, disconnect the power cord.**

Press button .

Display  reads “**OFF**”.



Control panel goes into **Standby**.



5.3 SET POINT

The setpoint is the temperature value the appliance is required to reach and maintain, without exceeding it by more than 2°C.

5.4 EDITING SET POINT



Press button .

The setpoint value entered flashes on display ; LED  flashes.

Use buttons  and  to increase or decrease the setpoint until you reach the desired.

Press button  to store the value.



5.5 WORK CYCLE

Once the temperature setpoint is reached, led  goes off and the compressor stops. It starts again when the temperature rises above said setpoint by 2°C. led  lights again and the cycle is repeated.

Example: if the setpoint is 2°C, the compressor will work to keep the temperature within the range 2°C to 4°C.

5.6 KEYPAD LOCKOUT



Make sure the appliance is working (5.1).

Hold down buttons  and  together until the message “**POF**” flashes on the display.

The keypad is locked - you can only view the setpoint and minimum and maximum.

5.7 KEYPAD UNLOCKING

Make sure the appliance is working (5.1).

Hold down buttons  and  together until the message “**POn**” flashes on the display.

The keypad is enabled.

6.0 SENSORS


The appliance features two NTC temperature sensors: one measures the temperature inside the compartment and the other the temperature of the evaporator.

The second sensor has been fitted so that fan operation is optimized and defrosting times shortened.


7.0 MINIMUM AND MAXIMUM TEMPERATURE

You can view the maximum or minimum temperature recorded. This feature allows you to check that products are being stored properly when the business has been closed for a period and hence the appliance has not been monitored.

7.1 VIEWING MAXIMUM TEMPERATURE RECORDED

Press key  the display reads "hi" followed by the maximum temperature value recorded.

7.2 VIEWING MINIMUM TEMPERATURE RECORDED

Press key  the display reads "Lo" followed by the maximum temperature value recorded.

7.3 ERASING RECORDED VALUES

View the maximum or minimum temperature using buttons  or .

Press button .

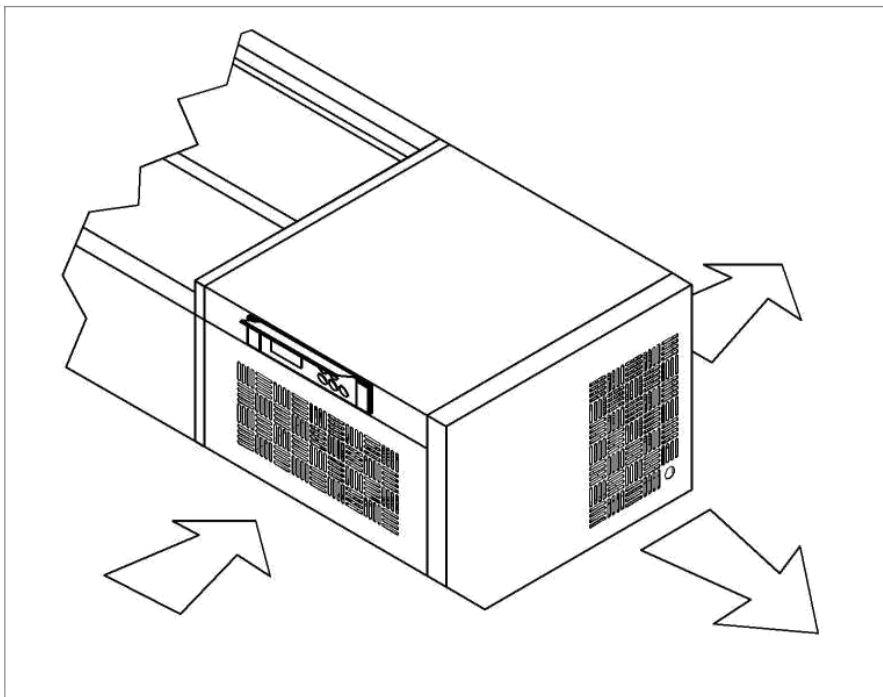
The "rST" message flashes 3 times to confirm that values have been successfully erased.

8.0 OPERATING TIPS


Never fill the containers with hot food or food that has just been cooked

Use the appliance only with all the containers inserted: the cold pan must be fully covered at all times. Using the appliance only partially filled means the cooling system is less efficient, resulting in increased electricity consumption and more strain on the compressor.

Ensure that at least one of the exhaust grilles, through which hot air escapes from the motor compartment, is clear from obstructions at all times. Failure to comply with this instruction shall result in the appliance not working properly



9.0 ALARMS AND WARNINGS

If an alarm is triggered, the warning is provided by LED (⚠), which remains on display  until the alarm condition is over. All alarm messages flash, alternating with the temperature, except for **P1**, which flashes constantly.

9.1 LIST OF ALARMS

“**P1**” flashing; **compartment sensor error.**

- Tells you that compartment sensor is faulty or is not connected properly.
- Emergency mode is triggered automatically, which handles the compressor start and stop cycles based on values set in the general parameters.
- If the alarm persists, contact technical assistance department .

“**HA**” flashing; **high temperature.**

- Tells you that temperature inside the compartment is higher than maximum permissible value.
- The alarm ceases automatically when temperature falls back inside the normal range, when defrosting starts or when the door is opened.
- If the alarm persists, contact technical assistance department.

“**LA**” flashing; **low temperature.**

- Tells you that temperature inside the compartment is lower than minimum permissible value.
- The alarm ceases automatically when temperature falls back inside the normal range, when defrosting starts or when the door is opened.
- If the alarm persists, contact technical assistance department.
-

“**EE**” flashing; **memory anomaly.**

- Anomaly in control panel data. Switch the appliance off and back on again to reset the instrument.
- If alarm persists, contact assistance department.

You can silence the buzzer announcing an alarm by pressing any button.

10.0 CONNECTION DIAGRAM

□ Appendix A

11.0 MAINTENANCE AND CLEANING

Routine maintenance work can be carried out by non-specialized personnel, following the instructions given below to the letter.



Before performing any maintenance or cleaning work, disconnect the appliance from the power mains.

11.1 CLEANING THE APPLIANCE

You can wash the inside and outside using a sponge damp with lukewarm water and detergents with a non-aggressive chemical formula. Once you have finished cleaning, dry with a soft, dry cloth. You are advised to apply polishing products on outer surfaces only.



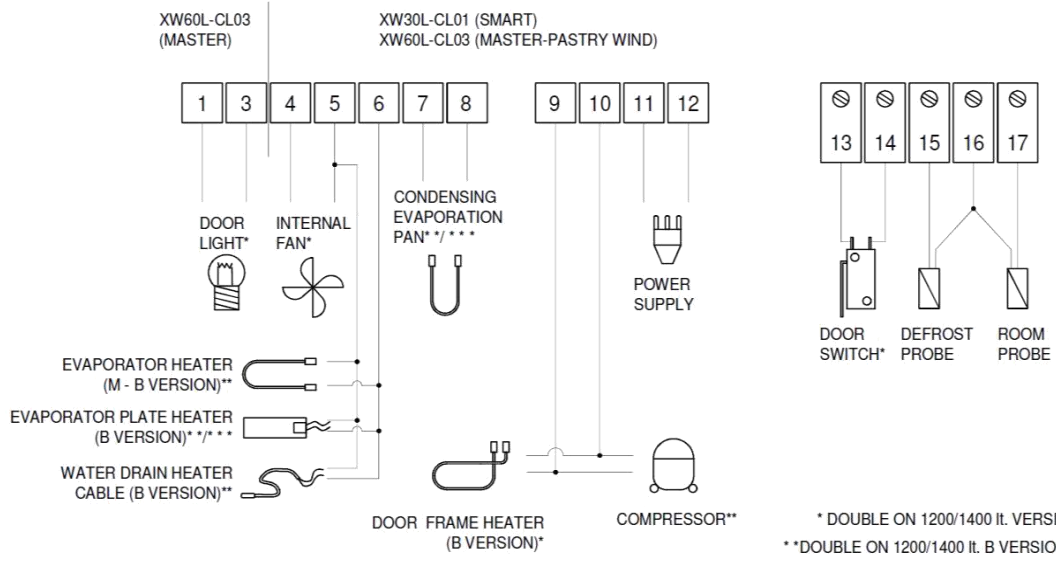
Do not wash the appliance with jets of water. Do not use scouring pastes or steel wool.

11.2 CLEANING THE CONDENSER

To keep the appliance working efficiently at all times, clean the condenser at regular intervals. To do this, use a brush with soft bristles or a vacuum cleaner, being careful not to bend the aluminium fins.



The condenser features sharp edges. Wear protective gloves when cleaning.





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