

Use and maintenance

**SUPERPOLO FREEZERS**



**fiocchetti**  
THE COLD MANUFACTURER

**INDEX**

1.	TESTING AND GUARANTEE	Pag. 2
2.	SCOPE, CONTENT AND ADDRESSEES OF THE MANUAL	Pag. 2
3.	PRODUCT DESCRIPTION	Pag. 2
4.	GENERAL SAFETY REGULATION	Pag. 3
5.	CLIENT'S RESPONSABILITIES	Pag. 3
6.	CLIENT SERVICE REQUESTS	Pag. 3
7.	TRANSPORT AND HANDLING	Pag. 3
8.	POSITIONING	Pag. 4
9.	WIRING AND ELECTRICAL HOOK-UP	Pag. 4
10.	SET-UP OPERATIONS	Pag. 4
11.	APPLICATIONS AND INTENDED USE	Pag. 4
12.	SAFETY AND ACCIDENT PREVENTION	Pag. 5
13.	SAFETY DATAPLATES AND GUARDS	Pag. 5
14.	CONTROL PANEL	Pag. 5
15.	REFRIGERATOR MAINTENANCE	Pag. 5
16.	TROUBLE SHOOTINGS	Pag. 7

## 1

## TESTING AND GUARANTEE

The appliance is tested in our premise in compliance with established regulations and then shipped ready for use.

The guarantee is valid for a full 12 months from the date of delivery of the appliance and covers the repair or replacement of defective parts, with the exception of electrical, electronic components.

Manifest defects or difference with respect to the client's order must be communicated to the manufacturer within five days from the receipt of the goods or they will not be covered by the guarantee terms.

Any hidden or other defects must be communicated to the manufacturer within five days from the time that they are discovered and, in any event, within the maximum guarantee term of six months. The purchaser shall be entitled only to request repair or replacement of the goods. The purchaser is not entitled to claim compensation for direct or indirect damages of any whatsoever nature. In any event, the entitlement to repair or replacement of the materials must be exercised within the maximum term of the guarantee, which is contractually stipulated to cover a shorter period than the maximum term established by law.

## 2

## SCOPE, CONTENT AND ADDRESSEES OF THE MANUAL

This manual has been prepared with the scope of supplying all the instructions required for the correct use of the appliance and to maintain it in optimal condition. It also contains important user safety information.

The following professional roles are explained in order to define the responsibilities of each:

**Installer:** a qualified technician who positions the appliance and places it in service in accordance with the instructions in this manual.

**User:** the person who, after having read this manual carefully, operates the appliance in accordance with the intended use specified in this manual. The user is obliged to read the manual attentively and refer to the information in the manual at all times.

**Routine maintenance technician:** qualified technician able to perform routine maintenance of the appliance by following the instructions in this manual.

**Special maintenance technician:** qualified technician, authorized by the manufacturer to perform extraordinary maintenance of the appliance.

The manufacturer declines any whatsoever responsibility in the case of improper use of the appliance deviating from the reasonably construed intended use, and for all operations carried out that are not in compliance with the instructions laid down in the manual.

This manual must be conserved in a place that is accessible and known to all the operators (installer, user, routine maintenance technician, special maintenance technician).

This manual must not reproduced or divulged, in whole or in part, using any whatsoever means or in any whatsoever form.

## 3

## PRODUCT DESCRIPTION

The appliance comprises a modular single body with various materials and insulation in expanded polyurethane foam, density 42 Kg/m<sup>3</sup>.

The appliance instruments are located on the front panel that in some models closes the front of the motor until, inside which the condenser unit and electrical wiring can be housed.

The refrigerators interior is fitted with a series of slots to support the for wire shelves (grids).

The door is fitted with magnetic seal elements.

During the design and construction stage all the measure have been adopted to implement total safety including radiused interior corners, funnel-shaped base panel to convey condensate to exterior, no rough surface, fixed guards protecting moving or potentially dangerous parts.

## **4 GENERAL SAFETY REGULATIONS**

Read this manual carefully and follow the prescriptions contained herein.

The user assumes full responsibility in the case of operations carried out without observing the instructions in the manual. Primary general safety regulations:

- do not touch the unit with wet hand and/or feet;
- do not insert screwdrivers or other pointed objects between guards or moving parts of the appliance;
- do not pull the power cord to disconnect the appliance from the electrical mains;
- make sure that the appliance is not used by children or unsuitably qualified persons;
- before performing any clearing or maintenance on the appliance disconnect it from the electrical mains by switching off the main switch and extracting the plug;
- in the case if faults or malfunctions, switch off the appliance and do not attempt to repair it yourself. All the service and repair operations must be performed exclusively by suitably qualified authorized technicians.

## **5 CLIENT'S RESPONSABILITIES**

The customer is required to:

- execute the electrical connection of the appliance;
- prepare the place of installation;
- provide consumable materials for cleaning;
- perform routine maintenance.

In the case of power failures or malfunctions do not open the door in order to maintain uniform temperature inside the unit. If the problem persists for more than a few hours, move the material contents to a more suitable place.

## **6 CLIENT SERVICE REQUESTS**

For all technical problems and any requests for technical service, refer exclusively to your local dealer.

## **7 TRANSPORT AND HANDLING**

The appliance must be transported and handled exclusively in a vertical position, in observance of the instructions printed on the packing.

This precaution is necessary to avoid contamination of the refrigerant circuit with compressor lube oil with resulting valve and heat exchanger coil failure and problems starting the electric motor.

The manufacturer accepts no reasonability for problems due to transport executed in conditions other than those specified above.

The internal equipment (wire, shelves) are shipped inside the unit. The appliance is secured to a wooden base by means of screws and wrapped in polyethylene or packed in a carton, case or crate. The appliance must be handled using a fork lift truck with suitable forks (forks length at least equal to 2/3 length of unit).

## 8

## POSITIONING

Incorrect positioning can cause damage to the appliance and generate hazardous conditions for personnel. The installer must therefore observe the following general regulations:

- make sure you maintain a minimum of 3 cm from the walls;
- keep well away from sources of heat;
- the room must be well ventilated;
- avoid direct sunlight;
- remove packaging material and accessories from the inside of the unit;
- remove the protective PVC film from the external surfaces of the unit.

## 9

## WIRING AND ELECTRICAL HOOK-UP

The electrical plant and electrical hook-up operations must be performed by a qualified electrician. For safety reasons adhere to the following indications:

- check that the electrical plant is suitably sized for the absorbed power of the unit;
- if the electrical socket and the plug on the appliance power cord are incompatible, change the plug with a suitable component, ensuring the replacement part is of the approved type;
- do not use reductions or multi-way adapters.

It is important to connect the appliance correctly to an efficient earth system executed in compliance with the relevant legislation.

## 10

## SET-UP OPERATIONS

To avoid errors and accidents, perform a series of checks for possible damage sustained during transport, installation and hook-up operations before starting up the unit.

### Preliminary checks

- check the condition of the power cord (no cuts or chaffing);
- check that the feet, door hinges are stable;
- check the condition of internal and external components (pipelines, heat exchanger elements, fans, electrical components, etc.) and check also that all parts are firmly fixed into position;
- check that the door seals and shelves are not damaged (broken or scratched) and that the doors close properly.

The user must also observe the following instructions to obtain the best operation from the appliance.

### Indication for optimal duty:

- do not block the motor compartment air vents;
- arrange the material on suitable shelves. Do not place the products to refrigerate directly on the base or against the walls, doors or fixed guards of the unit;
- make sure door is kept closed;
- limit the frequency and duration of opening. Each time the door is opened the internal temperature will alter;
- load the material gradually at ambient temperature to allow correct refrigeration.

## 11

## APPLICATIONS AND INTENDED USE

The appliance is designed and built for refrigerating, preserving and storing pharmaceutical products at the range temperature of  $-10^{\circ}\text{C}$   $-45^{\circ}\text{C}$ .

All uses except authorized uses of the appliance shall be construed out as upon mentioned for which the manufacturer declines all responsibility.

## 12 SAFETY AND ACCIDENT PREVENTION

The appliance embodies various features designed to assure the safety and protect the health of the user. The following list describes the protections adopted mechanical risks:

- **Surfaces, edges, corners:** accessible parts of the appliance have no sharp corners, sharp edges or rough surfaces that could cause injury.
- **Moving parts:** moving parts of the unit are designed, built and configured to avoid risk. Moving parts are protected by fixed guards to prevent accidental contact that could result in injury.

## 13 SAFETY DATAPLATES AND GUARDS

It is strictly forbidden:

- to remove the dataplate fixed to the inside edge of the motor housing showing technical specifications and earth connection warning;
- to remove the dataplate fixed inside the motor compartment indicating earthing.

The manufacturer declines all responsibility for safety of the appliance if the above recommendations are not observed.

## 14 CONTROL PANEL

*Please consult the specific booklet attached.*

**CAUTION: NEVER ATTEMPT TO MODIFY THE PROGRAMMED WORKING PARAMETER OF THE THERMOSTAT AS THE CORRECT FREEZER WORKING CAN BE COMPROMISED.**

## 15 REFRIGERATOR MAINTENANCE

The unit is designed to preserve pharmaceutical products so it is important to keep it clean for reasons of hygiene and health. The appliance is thoroughly cleaned in our factory before delivery. We recommend, however, that you clean the interior of the appliance before use. Before cleaning the appliance make sure the power cord is disconnected.

### Cleaning the interior and exterior of the appliance

- Cleaning products: water and non-abrasive neutral detergent. DO NOT USE SOLVENT OR THINNERS;
- cleaning method: use a cloth or sponge soaked in a suitable cleaning product to clean the interior and exterior parts of the cabinet;
- sanitation: do not use substances that could alter the basic characteristics of the stored material;
- rinsing: use a cloth or sponge soaked un clean water. DO NOT USE WATER JETS;
- frequency: at least 2 times each year or at different intervals in accordance with the type of pharmaceutical products conserved.

### Defrosting

To guarantee a correct functioning of the freezer, it is important to do a manual defrost at least twice each year. It is better to defrost the freezer when it is empty:

- Disconnect the power cord;
- Leave the lid open;
- Do not use pointed objects to remove the ice and do not heat artificially the chamber of the freezer. Damages caused by the use of this type of objects are not under warranty;
- Clean the chamber with a sponge soaked of clean water and neutral detergent. Do not use abrasive detergents;
- Rinse and dry carefully;
- Connect again the freezer to the mains.

### **Cleaning the condenser**

Clean with MONTHLY frequency the condenser (depends from the dust present in the ambient). Remove any dust or fluff that has deposited on the heat exchanger fins using an air jet or dry brush and, working with up and down movements. **DO NOT USE ANY METAL BRUSH.**

### **ATTENTION:**

**BEFORE CLEANING THE CONDENSER SWITCH OFF THE APPLIANCE, DISCONNECT THE POWER CORD.**

In order to guarantee an optimal working of the appliance follow the indication given from the manufacturer and arrange the ordinary maintenance through qualified technician.

### **Periodic checks**

The following areas of the appliance or components assemblies require periodic checking:

- condition and efficiency of the door sealing elements;
- condition of shelves in contact with the stored material;
- condition of hinges and correct fixing of the door.

### **Precautionary measures for prolonged disuse**

If the appliance is to remain unused for more than 15 days proceed as follows:

- switch off the appliance and disconnect it from the electrical supply;
- clean the interior of the cabinet, shelves paying special attention to critical areas such as articulations and magnetic sealing strips;
- leave doors slightly open to prevent accumulation of residual humidity.

**In order to be able to arrange a prompt intervention, at the moment of the calling, please provide the model of the appliance the relative serial number that can be found on the data plate placed in the rear side of the appliance or on the present manual.**

<b>FAULT</b>	<b>POSSIBLE CAUSE</b>	<b>ACTION</b>
Appliance does not switch on	power failure other	check plug, socket, fuses, electrical line contact service department
Refrigeration unit does not switch on	the refrigerator has reached set temperature Control panel doesn't function	Set new temperature Contact Service Department
Refrigeration unit runs constantly but does not reach set temperature	Room temperature too high Condenser dirty Refrigerant needs recharging Condenser fan not running Door seals are not efficient evaporator is coated with ice	provide better ventilation of room clean condenser contact service department contact service department check seals / make sure refrigerator contents are not obstructing doors defrost manually
Refrigeration unit doesn't stop when reaching set point	Control panel doesn't function Temperature sensor doesn't function	contact service department contact service department
Ice in the chamber of the refrigerator	Improper use Control panel doesn't function Door seals are not efficient	contact service department contact service department check seals / make sure refrigerator contents are not obstructing doors



**NOTES**





Space reserved for the data sheet with the characteristics of the appliance



Space reserved for the stamp of the distributor



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