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Mod: **SNE/GN-B7**

Production code: **RD 60 FA**



**Diamond**  
catering equipment

**INSTRUCTIONS FOR USE AND INSTALLATION**  
**REFRIGERATED DISPLAY**  
**RD 60 F / RD 60 T**



**Made in France**

February 2009

# REFRIGERATED DISPLAYS

## RD 60 F / RD 60 T

Congratulations for the acquisition of this upmarket appliance made in France. You chose an appliance which alloys the best technical qualities with a big user-friendliness. We wish you the biggest contentment

### **1. SECURITY INSTRUCTIONS**

Please respect these instructions scrupulously to avoid any risk of fire, electric shock, scald or other wounds and damage. During the use of this appliance, fundamental circumspection of security must always be noticed, such as:

- Take into account the instructions to be systematically kept with the appliance.
- Install the appliance always in instructions respect. A 10 cm distance minimum with the partition or the wall is necessary.
- Protect the appliance from direct light of the sun, frost and humidity.
- Never leave the appliance within the reach of children or disabled persons without surveillance.
- The machine has to be used only by qualified person.
- Never move the appliance when it is working.
- Check that the appliance is definitely off before connecting it up or disconnecting it.
- Do not use the appliance for other functions than determined use.
- Do not leave the electrical cord in contact of hot surfaces.
- The appliance should not be used close to combustible materials.
- To avoid any electric shock, never plunge the cord or plug in water or quite other liquid.
- If the cord is harmed, it must be replaced by the producer, its after sale service or persons of similar skills to avoid any risk.
- Entrust repairs only to a skilled person.
- Use only spare parts of origin.
- Before cleaning the appliance, do not forget to disconnect it.

### **2. CONTENTS OF CARDBOARD PACKAGING**

Device: a display

Accessories:

- 4 glasses + 1 mirror glass (for model RD 60 T)
- 5 grids (for model RD 60 FI)
- The present note

### **3. CONFORMITY OF USE**

Use the display only to keep products at a temperature between +2°C and +10°C (except for meat). It enables you to highlight your products (desserts, cakes, pies, cocktails, beverage, etc.).

Fresh products will be presented during working and service hours. Afterwards they will be stored in a conventional cool chamber.

To take shelter from light is very important for hygiene and it lasts the storage of foodstuff. The light generates effectively a photochemical reaction on the food, which causes a decoloration, a loss of flavour and of its alimentary characteristics.

In order to soften this phenomenon, please avoid to exhibit the machine in the sun.

### **4. WAY OF FUNCTIONING**

This display keeps food at a constant temperature. Temperature is pre-adjusted in the factory at +2°C.

To turn on the display, press on the left switch (n°3 on picture): the electronic thermostat (n°1 on picture) preset in factory is on. Press on the right switch (n°2 on picture) to turn on the light.



1 Electronic thermostat

2 Lighting switch

3 On/off switch

## **5. FUNCTIONING / MANIPULATION**

### **a) Installation / assembly:**

- Unload the display (see. 11 Unloading the cooling display)
- Place the equipment on a stable surface.
- Remove the protective film from the display to unpack it.
- Position the accessories (for the RD 60 T, the mirror is placed at the bottom)
- A distance of 10 cm from the partition or the wall is considered enough.
- Never place the device near a wall or near a partition made of combustible materials even if it is very well isolated.
- Be careful : never expose the display to the sun

### **b) First starting:**

#### ***First cleaning***

Clean the device before the first use. (Cf 6 Cleaning)

#### ***Connection of the device***

- Check that the tension and the frequency of the electricity network suit to the values indicated on the descriptive plate.
- Check that neither the cord nor the plug are damaged
- Make sure that every control knob is positioned on 0.
- Unwind completely the electric power cable and connect it in a normalised plug with the earth.
- The device is connected.

**NB:** in case of connection of the device in a plug without earth protection or directly on the electricity network, confide its connection to a qualified person .

### **c) Use device :**

#### ***Elements of command and display***

<b>Command/Display</b>	<b>Function</b>
Electronic thermostat (n°1 on picture)	Temperature setting
Switch 0/I (n°2 on picture)	Light + turning plates on / Light + turning plates off
Switch 0/I (n°3 on picture)	On/off

#### ***Starting***

- Press on the switch (n°2 on picture), the machine is on. The preset electronic thermostat is on.
- Wait until the display is at the right temperature (Compressor stopped)
- Press on the second switch (n°3 on picture) to turn on light and turntable (for model RD 60 T). Turning off the light will stop the turntable. This one is releasable.

#### ***Temperature setting***

- Press the "set" key for 5 seconds: the programmed value is displayed and the LED flashes.
- Use the arrows to adjust your temperature. (between +2°C and +10°C)
- Press simultaneously on the arrows to validate the new value. The controller returns automatically to the temperature display screen and the LED no longer flashes.

#### ***Defrosting setting***

The defrost is an important operation for ventilated refrigerating displays like RD 60.

A homogeneous temperature is ensured thanks to the air circulation through the evaporator. This evaporator has a negative temperature when the compressor is working. In this way, its blades "trap" the humidity as frost, and the air of the chamber dries. If there is too much frost, the air cannot circulate through the evaporator and the internal temperature rises.

In order to avoid this phenomenon, the defrost programmed in the factory stops the compressor 10min every 2 hours.

These values can be adjusted by your technician. It depends on the type of products presented in the refrigerating display, on the use and the environment.

To stop the display during the night and the closing days enables a total defrost.

## ***Stopping the appliance***

- Set each switch (n°2 and 3 on picture) on 0: the appliance is no longer functioning.
- Disconnect the power cable.
- Clean the appliance. (see 6. Cleaning)

### **d) Breakdown / repair:**

In case of breakdown or of damaged part, please call your after-sales service and confide any technical operation to qualified person.

When you contact the after-sales service of your distributor or your store, give him the complete reference of your device (commercial name, type and serial number). This information appears on the visible descriptive plate behind the device.

## **6. CLEANING AND MAINTENANCE**

- Disconnect the device.
- Clean it regularly after each use by using only use non-abrasive products, warm water and wash liquid: avoid the abrasive towelling. Rinse your device with a wet sponge and dry it with a soft cloth.
- Never clean the device under a water jet, the infiltrations would risk to damage it in a irreparable way.
- Never immerse the cord or the plug in the water or quite other liquid to avoid any electric shock.
- Every week the condenser must be removed from any dust with a vacuum-cleaner. First, always disconnect the display before doing this operation. Then, to have an access to the condenser, remove the front grid of the display. The container for the evaporation of condensation particles must be cleaned with a wet sponge as well. To have an access, remove the side grid of the display.

**CAUTION: In places with a high rate of humidity (>60%), it is obligatory to proceed to a total defrost every week.**

## 7. TECHNICAL SPECIFICATIONS

Model	RD 60 F	RD 60 T
Volume utile (l)	360	360
Dimensions (mm)	600x630x1860	600x630x1860
Weight (kg)	124	133
Compressor (W)	690	690
Gas	R 134 A	R 134 A
Temperature	+2 / +10°C	+2 / +10°C
Tension	220-240 V / 50-60Hz	220-240 V / 50-60Hz
Turning plates		4 Diam 470
Grids	5 x (535x595)	
Colour	Stainless steel / Gold / Dark grey	Stainless steel / Gold / Dark grey

## 8. NORMS AND LEGALS DISPOSALS

The device is conform to :

73/23 CEE : 19/02/1973  
86/336 CEE : 03/05/1989  
CEE : 92/31  
CEE : 28/04/1992  
CEE : 22/07/1993  
EN 60335-1  
EN 55104  
EN 60555-2  
EN 60555-3

In order to comply with the directive 2004/108/CE concerning the electromagnetic compatibility, and according to the norm EN 61000-3-11, the maximal impedance of the network accepted ( $Z_{max}$ ) at the plug in point has to be under 0,42  $\Omega$ .  
The technician has to check this value, with the distributor if necessary.

## 9. ELIMINATION OF THE ELECTRIC AND ELECTRONIC WASTE

The device respects the directives:

2002 / 95 / CE ( DEEE) N°34270064800021  
2002 / 96 / CE ( ROHS)



Never put the device among household waste.

The device must be put down in a centre of recycling for the electric equipments.



The materials of the device are indeed reusable. By eliminating correctly the electric and electronic wastes, the recycling and quite other shape of re-use of worn equipments, you participate in a significant way in the environmental protection.

For any information about the collection of electric and electronic waste, please contact your distributor.

## **10. GUARANTEE**

### **Conditions of guarantee**

The guarantee applicable to any device is the commercial guarantee of the distributor or the retailer. Please contact the store where you bought your device to know the precise conditions.

The guarantee grants no right for damages.

The dispositions which follow are not exclusive of the profit of the legal guarantee planned by articles 1641 and following ones of the Civil code relative to the defects and the latent defects.

### **Exclusion clauses of the guarantee**

**Bad installation and bad maintenance, in particular if they do not respect current regulations or instructions appearing in this user guide.**

Cannot benefit from the guarantee the repairs required as a result of false operations, of inappropriate use, of carelessness or of excess loads of the device, as well as those resulting from variations of the power supply, over tension or from defective installations.

The damage due to shocks, bad weather is not flatware by the guarantee. The material travels at the risks of the user; in case of delivery by carrier, the consignee has to have reservations towards the carrier before any delivery of the device.

The guarantee comes to an end in case of intervention, of repair, of modification by no qualified persons, or of use in inappropriate purposes.

## 11. UNLOADING THE DISPLAY



Unpack your display

Tilt the display slightly and slide wooden planks under the wheels so that the wheels are aligned with the slope. The planks must protrude as far as possible from the pallet.



Roll the display gently over the planks.  
Hold back the display as soon as the planks start to tilt.

## 12. TROUBLESHOOTING GUIDE

<b>FAILURE</b>	<b>ORIGIN</b>	<b>SOLUTION</b>
The display does not start	Switch on position « off »	Set the switch on « on »
	No information on the thermostat	Check the plug
The display does not stop	No refrigerating power	Clean the condenser
The display does not regulate	Helicoid ventilator is blocked	Remove foreign Eventually replace the ventilator
The temperature rises up	Presence of ice	Make a total defrost
Presence of water droplets on the top	Appearance of ice	Adjust the parameters of defrost
Presence humidity marks on the display	High level of humidity in the air	
Presence of condensation on the display	Display in defrost phase	
Presence of water under the display	Container for condensation particles is full	Empty and clean the container
	Total defrost too late	