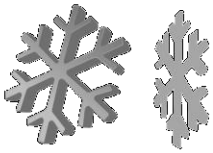


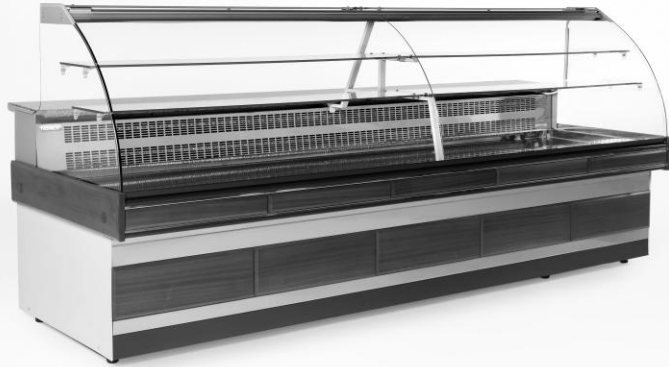
USER'S INSTRUCTIONS



FRILIXA[®]
display solutions



by Frilixa



CE

ARDENNES

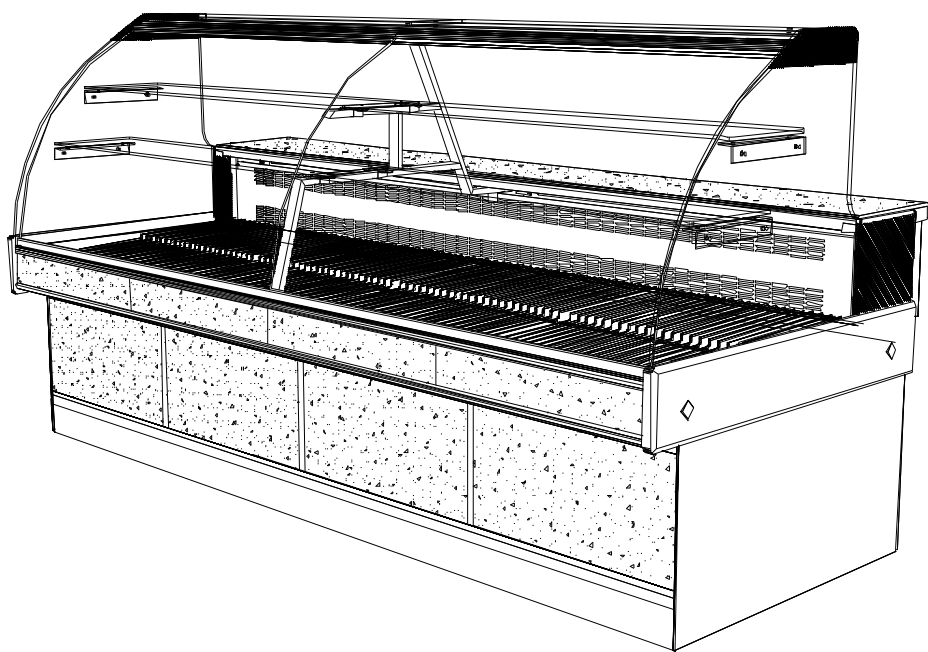


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1. Technical information

1.1 Technical information chart

Length (mm)	1150	1750	2250	2850
Voltage	AC 230 V	AC 230 V	AC 230 V	AC 230 V
Power rating (W)				
- Compressor (-10/+55°C)	291	468	632	765
- Condenser	30	30	30	30
Refrigerating fluid	R 134 a	R 134 a	R 134 a	R 134 a
Ardennes				
Exhibition area (m2)	1,30	1,90	2,60	3,20
Volume (l)	142	285	427	570
Net weight (Kg)	198	254	319	410
Anjou				
Exhibition area (m2)	1,10	1,70	2,30	2,80
Volume (l)	112	224	336	448
Net weight (Kg)	176	230	360	400
Supply wire:				
- Type	HO5VV-F	HO5VV-F	HO5VV-F	HO5VV-F
- Section Area	3 x 1,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2
Noise level db (A)	< 70	< 70	< 70	< 70
Operational temperature	0 / + 4 °C	0 / + 4 °C	0 / + 4 °C	0 / + 4 °C

1.2 Identification plate

All models have, close to the compressor group, a plate where main information is written. From these the Model and serial number information are essential when contacting the supplier.

FRILIXA
discliau solutions

N.º / /

Fábrica de Equipamentos Frigoríficos, Lda

Model & Size

Pn W

In A

Refrigerant Gas

Lights W

kg

Class 3

Mod. 084/3

MADE IN PORTUGAL

Caption:

1. Model
2. Serial number
3. Current (Amp)
4. Voltage / Frequency (V / Hz)
5. Power (W)
6. Illumination (W)
7. Refrigeration fluid
8. Refrigeration fluid quantity
9. Climatic class

1.3 Temperatures and climatic class

Ambient conditions:

The display must be in favourable working conditions. The test conditions and more information displayed on the identification plate refer to climatic class N. Our equipment is set at factory in an ambient class 3 test room; this is at 25°C temperature and 60% hygrometry.

1.4 General notes

Check at reception if crate is not damaged and if no transport damage is to be reported.

Check at unpacking if nothing is missing and if characteristics and specifications match the order.

Installation must be done in agreement with supplier specifications, realised by qualified staff and in agreement with norms on electrical installations applicable within the country. A faulty installation may cause damages to persons or properties and the supplier is not responsible and no claim can be considered if required above-mentioned installation conditions are not fulfilled.

Technical characteristics are subject to change without prior notice for technical improvement or others.

2. Installation instructions

2.1 General notes

It is best to check at reception the good state of the unit. Even production and operation of each unit is checked at the factory, damage during transport can occur.

2.2 Placement

Once in position, unpack the unit taking care not to damage the display, its areas or feet.

Peel the protection plastic films off the areas. This may cause static electricity discharges of no importance.

We recommend installing the unit far from heat sources.

Never obstruct or cover the compressor ventilation area.

Most of our models have water condensing evaporation system. The ones without have instead a tank to receive the condensed water, which shall be emptied regularly.

To ensure a correct functioning, the unit must be levelled up using the adjustable feet.

2.3 Installation

Installations must always be realised according to following norms :

- Regulation on building construction and fire hazard prevention norms;
- Regulation on accident prevention;
- European norms in force.

The unit is supplied with a plug in agreement with test norms performed and a supply wire according to regulation which length is enough to link to a supply socket.

The supply socket must be of easy access and able to withstand the maximum current value (see in technical information chart). It must have a GROUND WIRE.

Never use a supply plug or socket without ground connection, nor use adaptors or wire extensions.

When wiring directly to supply network always install an interruption circuit (circuit breaker) with correct load capacity and in agreement with international norms.

2.4 Supply wire replacement

On the connection board, untie the fastener, unfasten and take the wires off and replace them with others with same characteristics as per the technical information chart with attention to the needed extra length of the ground wire when compared to phase and neutral wire lengths.

Ensure that wires are not making buckles or knots, which may cause overheating.

The supplier responsibility on improper operation or damages caused cannot be used in case instructions of this manual are not followed.

3. User's Instructions

3.1 General notes

Our models are designed for raw aliments conservation, during short period of time, and for food products in general.

Ensuring a proper operation starts by complying with following rules :

*Install the unit in a ventilated area, without great temperature differences and away from heat sources (direct sun exposure, thermo ventilators, etc.).

*Do not obstruct an easy ventilation of the condensing unit with boxes, wrapping paper or any of the kind.

*Do not introduce into the unit hot beverages or hot food.

3.2 Start up and functioning

Check that the network AC supplied voltage matches the one written on the identification plate.

Before switching on the unit it must be cleaned following the cleaning instructions.

Check good state of the supply plug and socket where the plug will go which must have a ground pin. A connection to ground is necessary to avoid an accident.

Plug in the unit one hour at least after installing the unit on site.

One hour at least after the plug-in, the starting loading of the products can be initiated.

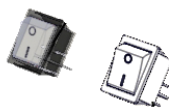
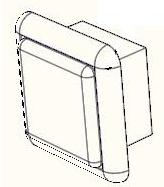
During loading, check that circulation of air around evaporator is easy and unobstructed.

Once a month at least the unit must be switched off, or when minimum hygiene or cleanliness conditions required are not fulfilled.

Do not switch off the unit during night time. At start the unit will be continuously working until correct temperature range is achieved and the eventual energy saves will be insignificant.

3.3 Control panel

For the models with an analogical thermostat, the control panel features a digital thermometer and a set of three switches and a pilot light. The white switch on the left, as printed on it, commands the illumination, it is positioned as much as possible on the left on the control panel. On its right side is the AC supply pilot light, and then next to this one is the main command circuit switch/pilot light. All but the illumination button must be lit when operated. Then at the end and in same sense is another switch/pilot light used for manual defrosts cycles.



3.4 Control

The operating temperatures are set at factory. The setting of the temperature is done pointing the N° 6 with the reference arrow.

If a different functioning is required, regulate the temperature by turning the thermostat knob, turning clockwise lowers the temperatures and the opposite elevates it.

Beware: **The numbers written on the disk do not mean temperatures.**

3.5 Defrost

Evaporator water defrost is automatic. The defrost water goes into a plastic tank which must be emptied every day.

It is recommended that after defrost water cycle the doors should not be opened as this will permit a quicker temperature improvement.

The defrost cycles are realised in agreement with following chart:

<i>By compressor stop</i>	
Defrost / day	Duration
3	30 min

3.6 Cleaning

A correct cleaning operation must be performed as follows:

Unplug the unit, remove the goods and take off the removable parts from its inside.

Check that the condenser is clean and nothing is obstructing the free movement of air between the fins. If necessary, remove the dirt using air jet or a soft brush (never use a metallic brush).

Outer and inner cleaning of the display can be performed using lukewarm water with a little detergent.

Carefully dry with a dry cloth all water remaining on the upper part of the display and on the lower (storage).

3.7 *Light bulbs substitution*

These models are equipped with led lights on the upper part of the cabinet. To substitute them just pull the light strip in to plug direction.

3.8 *Maintenance*

To ensure a correct functioning of the refrigeration system a special attention must be given to the two main components: the evaporators and the condensers.

Evaporators - Its good state must be methodically checked and with special focus on over built up ice, and on easy, unobstructed outflow of the condensing water ducted by the evaporator tray. In case of excess of ice either an additional defrost period must be programmed or cleaning must be performed after switching off the unit.

Condensers - Methodical maintenance of the condenser must be performed as follows:

Switch off and unplug the unit.

Vacuum-clean or brush along the condenser fins (see drawing herewith).

Take care of wire passage, wires must not be stressed.

3.9 Long time inactivity

When a long time period without use is forecasted:

- . Take off the supply plug from the socket.
- . Take off all alimentary products.
- . Realise the maintenance operations.
- . Leave the doors opened to avoid the coming up of smell.

3.10 Malfunctions

In case of malfunction or irregular operation and before contacting after sales service please check:

- * The supply socket and plug is in good condition of use.
- * The unit is not close to a heat source or within air flow.
- * The condenser is clean and the motor runs.
- * There is not too much ice stuck on the evaporator.
- * If the unit still continues out of function, contact the technical assistance of the supplying company.

Specialised staff must perform the installation and maintenance and the use of non-original spare parts cancels all supplier responsibility and claim possibility.

