

**INSTRUCTIONS OF INSTALLATION, OPERATION
& MAINTENANCE**



MODEL
CRYSTALLITE 15, 20 ,25



Freezers & Coolers Industry S.A.

1. INTRODUCTION

Proper installation and maintenance are essential for maximum satisfaction from your appliance. It is therefore necessary to carefully read and observe the indications of these instructions for use.

2. TRANSPORT (Figure 1)

Always transport the appliance in horizontal position, do not overturn it and do not load it on leaning position.

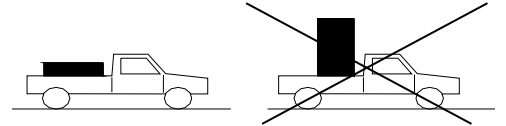


Figure 1

3. UNPACKAGING OF THE APPLIANCE

- Open up the carton and remove the wooden frame from the upper side of the freezer (Photos 1 & 1A).
- Take off the carton and remove the wooden holds from the corners.
- Remove the palette by unscrewing the two supporting screws at the base of the palette (Photo 2).
- Option: In a separate bag inside the cabinet you will find 4 plastic corners for the plastic bumper, 8 screws that support these corners and 8 caps that cover the screws respectively.
You must screw the corners, by using a screwdriver, inside the existing holes on the metal surface and then you have to place the plastic caps (Photo 3).



Photo 1



Photo 3



Photo 2



Photo 1A

4. INSTALLATION OF THE APPLIANCE

- Make sure the appliance is stable and in horizontal position.
- The freezers are available either with revolving wheels or with supporting legs that enable to adjust the height. Make sure that the floor surface is not inclined and that it facilitates the appliance's transport and installation.
- **Never install the freezer against direct sun light nor in the vicinity of a heat source such as a cooker, a stove, a heater, a fireplace, etc.**
- Avoid installing the appliance in confined rooms, damp, and without airing or in wall recesses.
- Make sure that the distance between the wall or other large objects and the back and left side of the appliance is at least 10 cm. This distance is the minimum required to ensure normal ventilation of the refrigeration mechanism.

5. ELECTRICAL CONNECTION

Make sure that the feed cable and the socket are appropriate for the appliance power. In case of doubt, contact a qualified technician.

Before inserting the plug in the mains outlet, make sure the voltage mentioned on the nameplate on the back side of the appliance, complies with the one of your network. A discrepancy of +/- 10% is acceptable.

Too high or too low voltage network may seriously damage the compressor. Such damages are not covered by the guarantee. The appliance must be earthed as prescribed by the relevant legislation whereas it is indispensable for your personal safety. The manufacturer has provided for earthing in the electrical installation and external surface of the appliance.

NOTE: Upon start up, running may be noisy. Noise will only last for the engine “running in” time and will dim progressively.

6. OPERATION

Once the appliance is installed, wait for at least 15 minutes before start – up. Afterwards, insert the plug in the mains outlet.

Make sure that the thermostat located in the engine-room area – is open. Start up the appliance with no load and make sure the glasses are properly closed.

Wait for at least 1,5 hour so that the required temperature is achieved inside the freezer.

If you wish to accelerate the freezer's preparation set the thermostat on position 7. Store the products and reset the thermostat in the middle of the scale.

WARNING: Do not store products exceeding the load line limit (indicative red horizontal line inside the freezer).

Products are good to be packaged.

WARNING: Do not store warm products in the freezer (temperature higher than ambient temperature 20°C to 25°C). This could lead to malfunctioning of your appliance and spoling of the products.

In case of shutting the appliance off – either by the thermostat or due to power failure – and immediately restarted, the compressor does not restart immediately. This is normal. The compressor will automatically start soon after.

To protect your appliance, always wait for fifteen minutes before each restart.

Do not use electrical devices inside the food storage area of the appliance.

WARNING: we remind you that your appliance is a preserver for frozen products. It has not been designed for the storage of products of ambient or higher temperature.

This appliance is not designed for use from the people (including children) with decreased physical , aesthetic or intellectual abilities or with deficiency of experience and knowledge, unless they are under supervision or have been given instructions concerning the appliance use from the person responsible for their safety.

The children have to be supervised in order to avoid playing with the device.

7. THERMOSTAT (Photo 4)

The thermostat is located in the engine-room area and automatically sets the temperature inside the freezer so that it varies from the warmer to the colder. The thermostat position is set and controlled by our company.

Based on the ambient temperature and on the refrigerator class for which the freezer has been designed, the thermostat can be adjusted properly to ensure a temperature lower or equal to -18°C at the load line. It is recommended to set the thermostat approximately in the middle of the range (3-4).



Photo 4

When the thermostat is set to 0 (off) the appliance is switched off. Such an action is not recommended. If you wish to deactivate your appliance simply unplug it.

8. DEFROSTING

If ice appears on the freezers walls, the freezer's efficiency will be possibly minimized, so it is recommended to "defrost" the appliance.

Defrosting procedure:

- Unplug the appliance.
- Remove the products from the freezer, rap them in paper, and refrigerate them. If it is difficult to refrigerate them, put them in a carton box and keep them cold.
- Leave the freezer's glasses open.
- Scrap the walls covered with frost using a special plastic scraper.
- Place the plastic recipient (if included) to the proper place on the bottom, approximately under the two drainage holes (one for each room). For this purpose remove the two plastic drainage taps from the bottom inside the appliance and let the frost melt. This procedure must take place firstly in one room and then in the second one in order to concentrate the defrosting water from the two rooms.
- Make sure the frost in the interior of the appliance has melted and the bucket is clean and dry.
- Replace the drainage taps at the bucket's bottom.
- Close the freezer's glasses and make sure they are in their proper position.
- Insert the plug in the mains outlet.

- Make sure the thermostat is on. If you wish to accelerate the freezer's preparation, set the thermostat on position 7.
- Start-up the freezer with no load and keep the glasses closed for at least one hour.
- Replace the products and reset the thermostat in the middle of the scale.

WARNING: Do not try to accelerate the defrosting by using sharp metal tools or by placing heat sources, e.g. heaters, inside the appliance.

9.THERMOMETER

One or two cylindrical thermometers (one for Crystallite 15, two for Crystallite 20 & 25) located at the front side of your appliance, indicate the temperature inside the respectively rooms of the freezer.

10. CLEANING OF THE FREEZER

For the purpose of cleaning the freezer's interior, **DO NOT** use sharp objects or chemicals in order to accelerate the process of defrosting. Follow the instruction that is recommended by the manufacturer, i.e. the use of lather in lukewarm water.

11. CLEANING OF THE CONDENSER (Figure 2)

For proper operation of the appliance, the condenser must be free of dust. Clean the condenser at least once every six months, if your appliance operates outdoor and once a year if it operates indoor, as follows:

- **Unplug the appliance.**
- Remove the wire grill, which is located at the left side of the appliance, by unscrewing the support screws with a screwdriver.
- Clean the condenser by using a soft brush or a vacuum cleaner.
- Clean also the blades of the condenser ventilator by using a piece of cloth.
- Replace the grill and screw the support screws.
- Insert the plug and switch on the appliance.

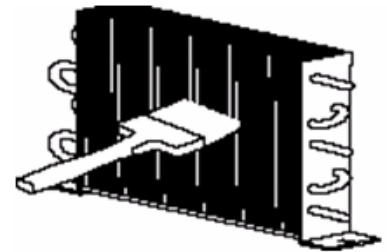


Figure 2

12. SERVICE

A) If the appliance does not work satisfactory or at all, check as follows:

- If the temperature inside the appliance is not low enough, make sure:
 - The appliance is not in the vicinity of a heat source and must be moved.
 - The adjustment of the cover or covers is not impeded by products that have to be stored otherwise.
 - The products do not exceed the load limit line and some of them should be removed.
 - The appliance's internal walls are not covered by frost and should be defrosted.
 - The ventilator and the condenser are covered with dust and dirt and should be cleaned.
 - The thermostat is correctly set (half-way, position 3-4) and not minimum.
 - The glass or the glasses of the freezer are not left open.
- If, although connected, the appliance does not work, make sure:
 - There is power in the plug and the plug is properly inserted in the socket.
 - There is no power supply network failure in your house or store.
 - The power distribution fuse to your appliance has not blown.
 - Your appliance's power cable is not damaged.
- If your appliance emits a metallic noise, make sure:
 - There is no contact between your appliance and other metallic objects.
 - The appliance is well leveled with the floor.
 - The ventilator is not covered with dust and dirt.

If the feed cable is damaged, it must be replaced by the manufacturer or a qualified person from the service department, or by similarly specialized personnel, in order to avoid danger.

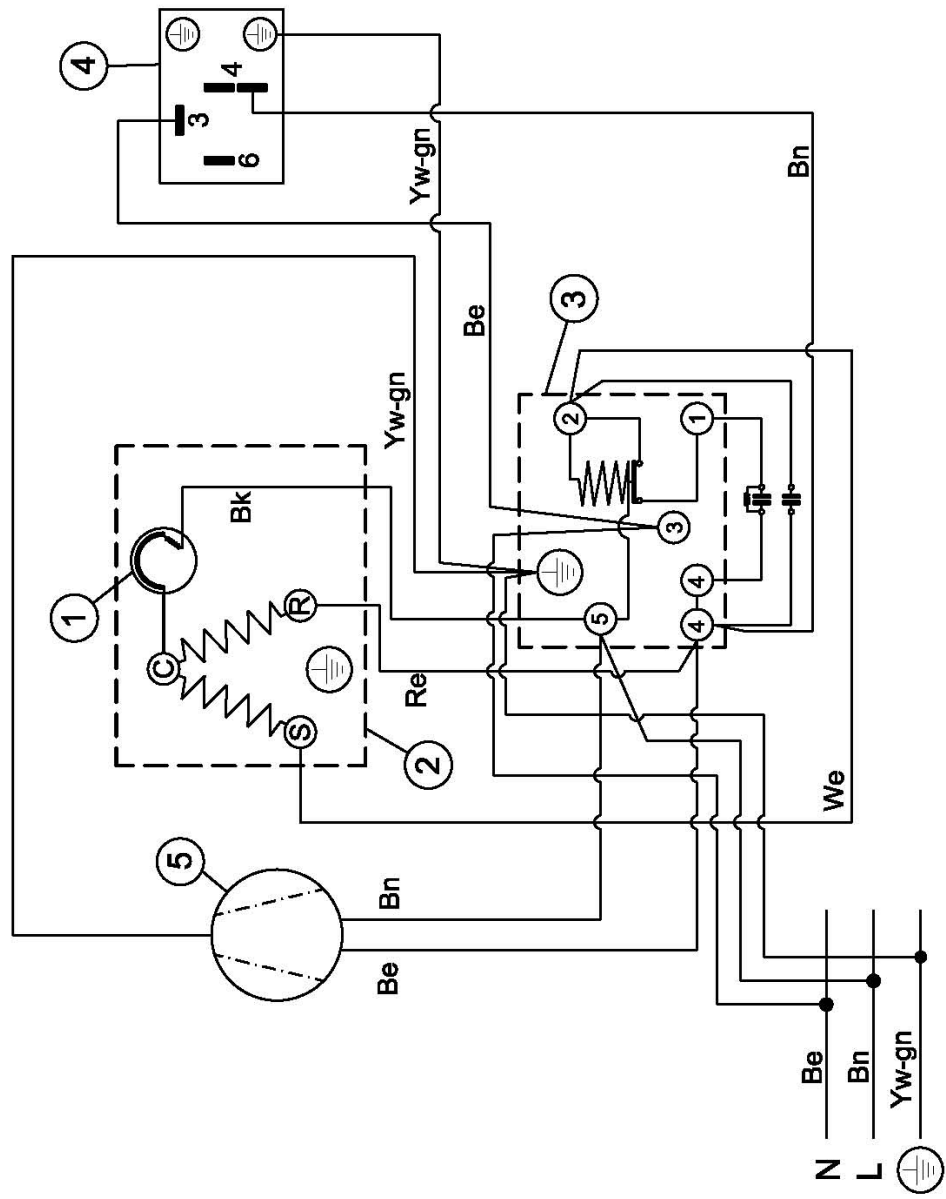
Do not cause any damage to the cooling circuit by the intervention of unauthorized personnel. Advise the manufacturer and assign such works only to specialized technicians.

NOTE: Our Company has an organized network of qualified technicians throughout Greece. For any maintenance or operation problem, contact your retailer.

Keep this booklet as well as all documents provided with your appliance and read the guarantee terms carefully.

13. ΗΛΕΚΤΡΙΚΟ ΚΥΚΛΩΜΑ (ELECTRICAL CIRCUIT)

ΜΟΝΤΕΛΟ (MODEL) : CRYSTALLITE 15,20,25



1	Θερμικό	Overload
2	Ακροδέκτες Συμπιεστή	Compressor Terminals
3	Ρελέ	Relay
4	Θερμοστάτης	Thermostat
5	Ανεμιστήρας συμπυκνωτή	Condenser fan motor

ΧΡΩΜΑ ΚΑΛΩΔΙΩΝ CABLE'S COLOUR
Bn Καφέ - Brown
Bk Μαύρο - Black
Be Μπλε - Blue
Re Κόκκινο - Red
We Λευκό - White
Yw-gn Κίτρινο - Yellow πράσινο - green

ΤΥΠΟΣ ΚΑΛΩΔΙΩΝ CABLE'S TYPE
L ΦΑΣΗ - LINE
N ΟΥΔΕΤΕΡΟΣ - NEUTRO
⊕ ΓΕΙΩΣΗ - GROUNDING