

INTRODUCTION

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1. INTRODUCCION

1. SAFETY INSTRUCTIONS

The manual contains the safety precautions that users must take into account, along with the labels and stickers affixed to the apparatus, by means of danger, warning, and caution notices accompanied by the international danger symbol.

Replace any safety labels or stickers that have been damaged or have become illegible. Do not remove or conceal any of the safety labels or stickers.

Follow these instructions carefully.

Said safety regulations alone shall not eliminate the risks indicating:



DANGER

This indicates that there is an extreme inherent risk that could lead to a high likelihood of death or permanent damage if the proper precautions are not taken.



WARNING

This indicates that there is a risk that could lead to injury or death if the proper precautions are not taken.



CAUTION

This is a reminder of the safety practices or calls attention to dangerous practices that may lead to personal injury, damage to the apparatus, or harm to the environment.



NOTE

Special information for facilitating maintenance of the apparatus or clarifying any important instructions.

GENERAL INFORMATION

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2. GENERAL INFORMATION

1. WARNINGS

THESE WARNINGS ARE GIVEN FOR YOUR SAFETY. READ THEM BEFORE INSTALLING OR USING THIS APPARATUS.

Keep the User Manual within reach of any person that is going to handle the apparatus.

This apparatus must only be operated by adults. DO NOT allow children to touch the controls or play with it.

If installation requires any electrical work, this must be carried out by a qualified specialist.

This apparatus is heavy. Take precautions when moving it.

Ensure that the power cable is not trapped underneath the apparatus or in contact with the engine.

This apparatus must only be repaired by a qualified Technical Service. In all cases, notify your distributor.

Try to provide adequate and continuous ventilation to prevent damage to the apparatus or a deterioration of the power supply.

If for any reason (unpacking, transport, repair, etc.) the apparatus needs to be turned over, this must be done on its back and it must not be connected to the power for at least 2 or 3 hours to enable the coolant liquid to return to its correct position.



Remove the plastic protectors when receiving the apparatus and clean the entire apparatus using a sponge or cloth and lukewarm water and neutral soap. Do not use abrasive products, solvents, metal cleaners, or undiluted detergents. Then dry the entire apparatus with a clean cloth, especially in the stainless-steel parts.

These apparatuses are designed exclusively for storage of food products.

The internal temperature may be affected by the room temperature, location of the apparatus, and how often the doors are opened. Observe the recommendations of the food producers.



WARNING

Make sure that the apparatus is unplugged before cleaning or repairing it.

2. ADVICE FOR REMOVING PACKAGING AND SCRAPPING USED APPARATUSES



Advice for removing the packaging of the apparatus.

The packaging protects the apparatus from any damage during transport. All packaging materials used are environmentally friendly and may be recycled or reused. Actively contribute to the protection of the environment by insisting on packaging recovery and removal methods that are environmentally friendly.

Your Distributor or local Administration body will be happy to inform you regarding the most effective current methods for removing these materials in a way that is not damaging to the environment.



Scrapping used apparatuses.

Used apparatuses contain valuable materials that can be recovered and should therefore be delivered for this purpose to an official collection centre or recycled-materials recovery centre.



This apparatus complies with European Directive 2002/96/CE on electrical and electronic apparatuses identified as (Waste from electrical and electronic apparatuses). The directive provides the general framework valid throughout the European Union for the removal and reuse of waste from electrical and electronic apparatuses.

All refrigerator apparatuses contain insulation and coolant gases, which require specific processing and elimination. Ensure that the cooling circuit pipes of your apparatus have not been damaged before delivering to the corresponding

official collection centre.



CAUTION

Before delivering your used apparatus:

- 1. Remove the apparatus's plug from the electrical power socket.**
- 2. Cut the connection lead from the apparatus and remove it together with the plug.**

2. GENERAL INFORMATION

3. STICKERS

Some stickers on the apparatuses are shown below, offering the following information:

This sticker indicates the apparatus's technical characteristics.

REFRIGERADOR		EV360PT		CE	
MODELO/MODEL		EXP. VERT. 360 PUE PLASTI			
REFRIGERANTE	134a	ESUMANTE	360	CLASE	N
TENSION	220 V	FRECUENCIA	50 Hz		
POTENCIA	426 W	INTENSIDAD	2.8 A		
ANTI-HUO	W	CONSUMO ENERGIA	2.1 kWh/24h		
ANTI-HELINE	W	LAMPARAS	36 W		
BANDEJA EVAPORATIVA	W	RESISTENCIA DESCARGA	W		
EVAPORATION TRAY	W	DEFROSTING RESISTANCE	kg		
VOLUMEN BRUTO	630 l	POBER DE CONGELACION	kg		
GROSS VOLUMEN	328 l	FROSTING POWER	/h		
VOLUMEN UTIL					
USEFUL VOLUMEN					

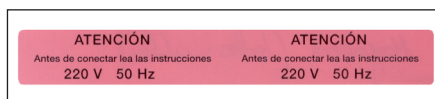
This sticker indicates the procedure to follow for storing the apparatus outside.

<p>DISTINGUIDO USUARIO: ELIMINE EL PLÁSTICO PROTECTOR A LA MAYOR BREVEDAD POSIBLE PARA UNA BUENA CONSERVACIÓN DEL ACERO. SI QUEDASIN RESILOS DE ADHESIVO, ELIMINELOS CON ALCOHOL. LIMPIE TODO EL APARATO CON AGUA Y JABÓN NEUTRO, SECÁNDOLO DESPUÉS.</p>
<p>CHER USAGER: VUELEZ RETIRER LE FILM PROTECTEUR DÉS QUE POSSIBLE POUR PERMETTRE UNE MEILLEURE CONSERVATION DE L'ACIER. ÉLIMINEZ LES RESTES D'ADHÉSIF, ÉLIMINEZ-LES AVEC DE L'ALCOOL. À BROSER NETTOYEZ L'APPAREIL AVEC DE L'EAU ET UN SAVON NEUTRE. PLÙB SÈCHEZ.</p>
<p>DISTINGUISHED USER: ELIMINATE THE PLASTIC PROTECTIVE TO THE GREATER POSSIBLE BRIEFNESS FOR A GOOD CONSERVATION OF THE STEEL. IF EXIST ADHESIVE REMAINS, ELIMINATE THEM WITH ALCOHOL. CLEAN ALL THE APPLIANCE WITH WATER AND NEUTRAL SOAP, DRYING IT AFTER.</p>

This sticker indicates the power-related precautions to follow before handling the apparatus.



This sticker is affixed to the power cable and provides a warning regarding the electrical risk of the apparatus.



INSTALLATION

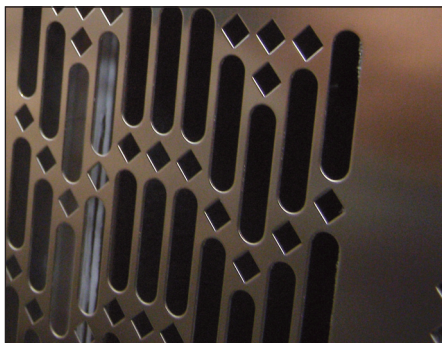
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3. INSTALLATION

1. LOCATION OF THE APPARATUS

Avoid direct sources of heat.

Do not cover the ventilation grille of the condenser unit.



Ensure that the apparatus is perfectly level by rotating the adjusters. This will prevent vibrations and noise.

Do not start loading the apparatus until the working temperature has been reached.

2. POWER CONNECTION

Before inserting the plug, make sure that the voltage and frequency indicated in the “technical characteristics of your apparatus” match those of the domestic fitting.

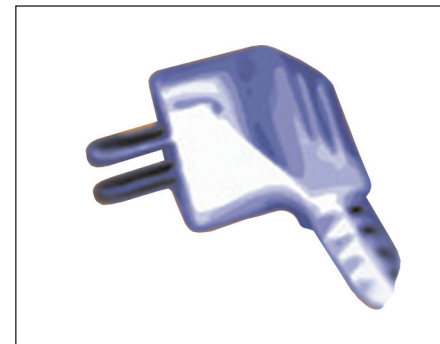
If the power cable of this apparatus is damaged, it must be replaced with a special power cable of the type H05 W-F or H05 VVH2-F.

It is essential to connect the apparatus to an effective earth connection. The plug is provided with the appropriate contact for this purpose. If the power connection of the domestic fitting does not have an earth connection, connect the apparatus to a separate earthing device in accordance with regulations in force.



NOTE

The manufacturer shall not be liable in any way if these regulations are not observed.



WARNING

If the power cable of this apparatus is damaged, it must be replaced by a power cable of type H05 W-F or H05 WH2-F. This operation must be carried out by the manufacturer, its technical department, or similarly qualified personnel to prevent any danger.

3. CONTROL PANEL

When you buy your apparatus, it may be fitted with one of the following control panels, depending on the model:

DIXELL



For displaying or modifying the set point.

When displaying the maximum and minimum temperature, these can be deleted by keeping the button pressed for 3 seconds.



This displays the maximum stored temperature; in programming mode and "Function Menu" mode it is used to look through the parameter codes or increase the value of the variable in use.



This displays the minimum stored temperature; in programming mode and "Function Menu" mode it is used to look through the parameter codes or decrease the value of the variable in use.



This is used to perform manual defrosting.

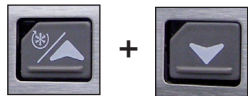


This turns the light on and off.



This turns the apparatus on and off.

KEY COMBINATIONS (Press keys simultaneously)



This locks and unlocks the keypad.

There are key combinations for entering and exiting programming mode. This option must only be used by personnel authorised by the Technical Service.

1. HOW TO SEE THE MINIMUM TEMPERATURE REACHED:



1. Press and release the button.
2. The message “Lo” will be shown and the minimum stored temperature will appear.
3. Normal display will be restored by pressing the key or waiting for 5 seconds.

2. HOW TO SEE THE MAXIMUM TEMPERATURE REACHED:



1. Press and release the button.
2. The message “Hi” will be shown and the maximum stored temperature will appear.
3. Normal display will be restored by pressing the key or waiting for 5 seconds.

3. HOW TO RESET THE SAVED MINIMUM AND MAXIMUM TEMPERATURE:



In order to reset the stored temperature, when displaying the min. or max. temperature:

1. Press the SET button until the "rST" label starts to flash.

4. HOW TO VIEW AND MODIFY THE SET POINT:



1. Press and release the SET button to view the Set point value;
2. The SET LED will start to flash.



3. In order to change the Set Point value, press one of the two buttons; you are given 10 seconds.



4. In order to save the new set point value to memory, press the SET button again or wait 10 seconds.

5. HOW TO START MANUAL DEFROSTING:



1. Press the DEF button for more than 2 seconds. Manual defrosting will begin as long as the evaporator temperature is lower than the programmed final defrosting temperature.

6. HOW TO LOCK THE KEYPAD:



1. Keep both buttons pressed for more than 3 seconds.
2. The "POF" label will appear and the keypad will be locked. It will then only be possible to display the set point, the max. and min. stored temperatures, and turn the light, auxiliary output, and apparatus on and off.

UNLOCKING THE APPARATUS:

Keep the and buttons pressed for more than 3 seconds. The "PON" label will appear and the keypad will be unlocked.

7. FUNCTION ON/OFF:



Press the ON/OFF button to display the "OFF" label for 5 seconds and the ON/OFF LED will be turned on.












While in OFF status, all the relays will be switched off and the regulating mechanisms stopped; if the instrument is connected to a monitoring system, the data and alarms will not be recorded..



NOTE

While in the OFF status, the light button is active.

DISPLAY INDICATORS:

LED	MODE	Function
	ON	Compressor in operation.
	FLASHING	Programming mode (this flashes together with the  LED). Active compressor anti-cycle cycle.
	ON	Fan in operation.
	FLASHING	Programming Phase (this flashes together with the  LED).
	ON	Defrost enabled.
	FLASHING	Drainage time.
	ON	Fast-freeze cycle enabled.
	ON	ALARM signal.
	ON	Lights on.

ALARM INDICATORS:

Message	Cause	Output	Solution
"P1"	Thermostat sensor failure	Alarm relay ON; Compressor relay in accordance with "CO" and "COF" parameters	Notify your Technical Department.
"P2"	Evaporator sensor failure	Alarm relay ON; Other outputs without changes	Notify your Technical Department.
"HA"	Maximum temperature alarm	Alarm relay ON; Other outputs without changes	Door may be open; if not, notify your Technical Department.
"LA"	Minimum temperature alarm	Alarm relay ON; Other outputs without changes	Check whether the compressor stops, if not, notify your Technical Department.
"EE"	Data or memory error	Alarm relay ON; Other outputs without changes	Change the thermostat. Notify your Technical Department.

Resetting the alarm with the keypad:

This relates to the "EE" alarm. The alarm is reset by pressing a button with the alarm condition; "rES" will then appear on the display for 3 seconds. The apparatus will then return to its normal state..

Alarms:

The "P1" and "P2" sensor alarm starts a few seconds after a fault is produced in the sensor; it then returns to normal operation a few seconds after the fault is corrected. Check the sensor connections before changing it. The "HA" and "LA" alarm temperatures will automatically stop when the thermostat returns to normal working values or when defrosting starts.

POWERCOMPACT



HACCP: Enter the HACCP alarm display menu (optional).



ON/OFF: If this is pressed for more than 5 seconds, it will turn the apparatus on/off.



PRG/MUTE: In the event of an alarm: this mutes the sound alarm (buzzer) and deactivates the alarm relay.



LIGHT: If this is pressed for more than 1 second, it will turn auxiliary output 2 on/off.



AUX: If this is pressed for more than 1 second, it will turn auxiliary output 1 on/off.



DOWN/DEF: If this is pressed for more than 5 seconds, it will turn manual defrosting on/off provided the evaporator temperature is lower than the final programmed defrosting temperature.



SET: If this is pressed for more than 1 second, it will display and/or confirm the set point.

1. SET POINT CONFIGURATIONS:

Perform the following to display or configure the set point:



1. Press the "Set" button for more than 1 second to display the set point.



2. Increase or reduce the set point value by pressing the "UP" and "DOWN" buttons respectively until the desired value is reached.



3. Press the "Set" button again to confirm the new value.

Re-establishing manual reset alarms:

It is possible to re-establish all manual reset alarms by pressing the "PROG/MUTE" and "CONTINUOUS CYCLE" buttons at the same time for more than 5 seconds.

2. MANUAL DEFROST:











In addition to the automatic defrost, it is also possible to activate a manual defrost in the right temperature conditions, by pressing the appropriate button for 5 seconds.



ON/OFF button.

It is possible to activate/deactivate the control panel by pressing this button for 5 seconds. The control panel is put into standby mode when the control panel has been deactivated; in order to perform a maintenance operation on the apparatus, the electrical voltage must be shut off.

DISPLAY INDICATORS:

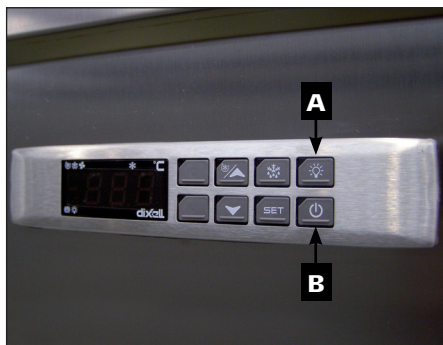
Icon	Function	Normal operation	Start-up		
		ON	OFF	Flashing	
	COMPRESSOR	Compressor on	Compressor off	Compressor required	
	FAN	Fan on	Fan off	Fan required	
	DEFROST	Defrost in operation	Defrost not in operation	Defrost required	
AUX	AUX	AUXILIARY Auxiliary output active	AUXILIARY Auxiliary output not active		
	ALARM	Delayed external alarm (before "A7")	No alarm present	Alarms in normal operation	
	CLOCK	At least 1 timed defrost has been configured	No timed defrost is present		ON if real-time clock is present
	LIGHT	LIGHT auxiliary output on	LIGHT auxiliary output off		
	ASSISTANCE		No malfunction	Malfunction	
HACCP	HACCP	HACCP functions enabled	HACCP functions not enabled	HACCP alarm saved to memory	
	CONTINUOUS CYCLE	CONTINUOUS CYCLE function activated	CONTINUOUS CYCLE function deactivated	CYCLE function	

3. INSTALLATION

4. START-UP

Start-up:

Plug the apparatus into an electrical socket. Actuate the internal lighting switch (A) and check that it is working; (depending on control panel models).



Connect the start-up ON/OFF switch (B); (depending on control panel models). The switch will light up and you will hear the motor start up after 1 minute.

REGULATION AND CONTROL

1. Temperature regulation 30







4. REGULATION AND CONTROL

1. TEMPERATURE REGULATION

The temperature is regulated by means of an electronic controller (according to the model) used to adjust the temperature inside the apparatus according to external conditions of use. The working room temperature for this apparatus is: +16°C to +32°C (Class N).

Electronic Controller:

The temperature is regulated in the following way:

1. Press the  button for 5 seconds. This will show the current cut-off temperature.
2. Press  or  (depending on model) to increase the cut-off temperature or  or  (depending on model) to reduce it within the determined temperature range.
3. Press the  button again to save the new cut-off temperature to memory.



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5. LOADING GOODS

1. LOADING GOODS

Before introducing goods into the apparatus, it is advisable to leave it empty while in operation until it reaches the working temperature. Once this has been reached, you can proceed to load the apparatus.

When introducing the goods, enough space must be left between the goods to enable air circulation.

Never allow the goods to prevent the door from closing.

Do not exceed the maximum weight per shelf of 25 kg.

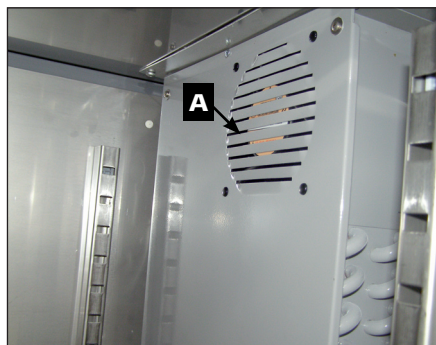


NOTE

Never allow the goods in the apparatus to prevent the door from closing correctly. If the door is not closed properly, this will lead to malfunction of the apparatus.

2. MAXIMUM LOAD LEVEL

Do not obstruct the fan (A) with the load, and ensure that this never exceeds the maximum load level determined by the height of the fan. The load must therefore always be situated underneath the fan.



Furthermore, the load level must not be exceeded in apparatuses indicating this.

Never put hot food in the apparatus.

Any food or drinks that give off odours and may affect the taste and smell of

other goods must be well wrapped or enclosed in airtight containers.

For more information, follow the instructions given in cook books and on food packaging.

Do not leave food inside the apparatus when it is going to remain shut down either from a power outage or fault in the apparatus.

If the apparatus is going to remain shut down for prolonged periods, try to leave it unplugged, empty, clean, and with the doors ajar.



CAUTION

Do not exceed the permitted maximum weight per shelf of 25 kg.

EVAPORATOR DEFROSTING

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6. EVAPORATOR DEFROSTING

1. EVAPORATOR DEFROSTING

The evaporator must be defrosted periodically to remove the accumulated ice.

Defrosting may be done manually or automatically, depending on the model.

Manual defrost:

This defrost is performed by powering off the apparatus. This process must be carried out approximately every five days.

Automatic defrosting:

The apparatuses provided with this type of defrost do not need to be manipulated to perform this operation. We can force the apparatus to carry out a defrost outside the automatic program just by pressing a controller button.

2. EVAPORATOR WATER COLLECTION

All apparatuses are ready for connection to the general drainage network.

Our apparatuses include an evaporator tray with adhesive-plate resistance at the bottom. The water from defrosting is thus evaporated and the tray does not require any maintenance.

3. GENERAL CLEANING OF THE APPARATUS

The apparatus must be powered off before carrying out any cleaning tasks on it.

Use a sponge, cloth, lukewarm water and neutral soap to clean the entire apparatus.

Do not use abrasive products, solvents, metal cleaners, or undiluted detergents.

Then dry the entire apparatus with a clean cloth, especially in the stainless-steel parts. Do not forget to remove the protective plastic and the sticker residue covering the steel.



WARNING

Make sure that the apparatus is unplugged before cleaning or repairing the apparatus.

MAINTENANCE

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7. MAINTENANCE

Counters

1. CLEANING THE CONDENSER UNIT

It is very important to keep the condenser unit free of foreign matter and it is advisable to clean it periodically. This will prevent it from malfunctioning and increasing electricity consumption.

We recommend a hard-bristle brush not made of steel for cleaning the condenser unit.



WARNING

Make sure that the apparatus is unplugged before cleaning or repairing the apparatus.



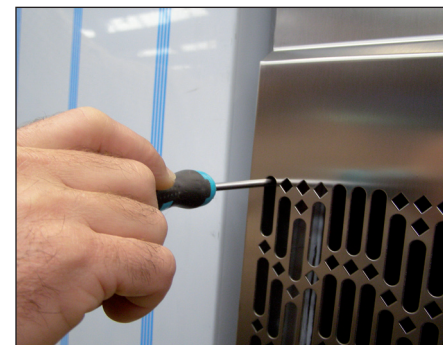
Lower grille

Follow the procedure below to extract the lower grille of the apparatus in order to clean the condenser unit:

1. Pull the grille upwards until the bottom fixing supports are released.

2. Once the bottom fixing supports have been released, extract the bottom of the grille by pulling outwards.
3. Finally, lower the grille so that it can be extracted.

Reverse the above process in order to put the bottom grille of the apparatus back in place.

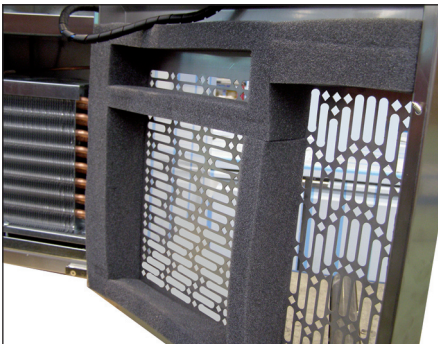


Side grille (side opening)

Follow the procedure below to open the side grille of the apparatus in order to clean the condenser unit:

1. Identify the fixing screw for the side grille.
2. Use a screwdriver to unscrew.
3. Open the side grille (side opening).

Reverse the above process in order to close the side grille of the apparatus.



NOTE

Never remove the foam rubber from inside the side grille (side opening). The foam rubber serves to establish the proper air flows (hot-cold) in the condenser.

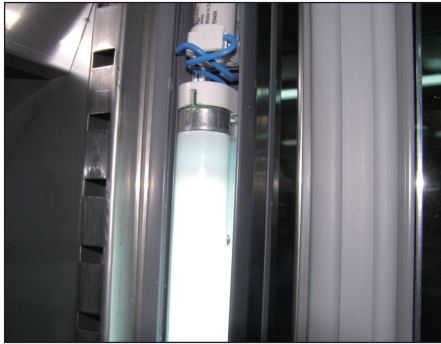
7. MAINTENANCE

2.REPLACING LAMPS

1. Turn the power off.
2. Remove the polycarbonate protection screen by unscrewing and removing the fixing screws, then press your fingers on the ends and pull it outwards.



3. Turn the fluorescent tube one quarter until you hear a click releasing it from its fittings.



4. Extract the tube and replace it with another one of similar characteristics.
The power of the tube is shown on the housing shield and on the nameplate of the equipment.

Fitting a new tube:

1. Insert the tube with the pins lined up in their supports.
2. Turn the tube one quarter until you hear a click fixing it in.
3. Re-attach the polycarbonate screen.
4. Plug the apparatus into an electrical socket.



WARNING

Make sure that the apparatus is unplugged before cleaning or repairing the apparatus.

INSTRUCTIONS IN CASE OF FAULT

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8. INSTRUCTIONS IN CASE OF FAULT

1. INSTRUCTIONS IN CASE OF FAULT

The electric motor in your apparatus is provided with a thermal protection device that is tripped in the event of a surge or lack of current. When this protective device is actuated (it produces a metallic "click"), the apparatus must be turned off to prevent further damage.

After 1 hour, turn the apparatus back on and if the noise persists, call your Technical Department.



Some other operating problems are derived from causes that can be easily

eliminated without the need to contact the Technical Department. The following page shows a table with types of problems that may come up, their cause, and how to resolve them.

2. POSSIBLE FAULTS

PROBLEM	POSSIBLE CAUSE	SOLUTION
The apparatus does not work	<ol style="list-style-type: none"> 1. It is not plugged into the electrical socket. 2. No electrical current is reaching the plug because the fuse has blown or the automatic power limiter has been tripped. 	<ol style="list-style-type: none"> 1. Insert the plug into the electrical socket and check that there is electrical current. 2. Replace the fuse or reconnect the automatic power limiter.
The apparatus is not cooling very much	<ol style="list-style-type: none"> 3. Check the cut-off temperature in the controller. 4. The door has not been closed properly or has been opened very frequently. 5. The apparatus's ventilation grilles have been obstructed. 6. Condenser is dirty. 7. The apparatus is directly exposed to sunlight or a heat source. 	<ol style="list-style-type: none"> 3. Reduce the cut-off temperature. 4. Ensure that the door is not kept open for long. 5. Keep these areas unobstructed as indicated in the "Installation" section of this manual. 6. Clean with compressed air or a hard-bristle brush (not of steel). 7. Move the refrigerator to a different location or shield it from the heat sources.

8. INSTRUCTIONS IN CASE OF FAULT

Counters

The apparatus is not cooling very much	8. It is not plugged into an electrical socket.	8. Insert the plug into the electrical socket.
The internal light is not working	9. No electrical current is reaching the plug because the fuse has blown or the limiter has been tripped. 10. The bulb is loose. 11. The bulb has blown.	9. Replace the fuse or reconnect the automatic power limiter. 10. Attach it correctly. 11. Replace it.
Noisy operation	12. The apparatus is not level. 13. Some of the internal tubes are touching. 14. Loose screws in a particular part.	12. Level it as indicated in the "Installation" of this manual. 13. Separate the tubes in contact. 14. Tighten the loose screws.
The apparatus creates too much ice in the evaporator	15. Doors not properly closed. 16. Doors opened too often. 17. It has not been defrosted.	15. Close properly. 16. Avoid opening the doors frequently. 17. Consult the "Evaporator defrosting" section.

If the problem persists after you have carried out the instructions, **DO NOT MAKE ANY REPAIRS YOURSELF**. Contact the Technical Department of your distributor.

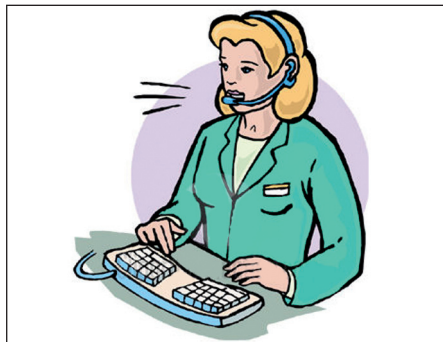
TECHNICAL ASSISTANCE SERVICE

1. Technical Assistance Service..... 44

9. TECHNICAL ASSISTANCE SERVICE

1. TECHNICAL ASSISTANCE SERVICE

If the problem persists after you have carried out the indicated checks, **DO NOT MAKE ANY REPAIRS YOURSELF.** Contact the Technical Department of your distributor.



TECHNICAL CHARACTERISTICS

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10. TECHNICAL CHARACTERISTICS

Counters

		BMPP	BMPP BT (LOW T ^a)	B45	BMGN	BMGN BT (LOW T ^a)	MPG	ME	MR
Display and control options	Main switch	•	•	•	•	•	•	•	•
	Light switch (glass door)	•	•	•	•	•	•	•	•
	Defrost gauge	•	•	•	•	•	•	•	•
	Electronic controller	•	•	•	•	•	•	•	•
	Automatic defrost	•	•	•	•	•	•	•	•
	Manual defrost option	•	•	•	•	•	•	•	•
	High and Low Temperature Alarms	•	•	•	•	•	•	•	•
	Sensor error alarms	•	•	•	•	•	•	•	•
	Final defrost temperature control	•	•	•	•	•	•	•	•
High working pressure alarm									
Refrigerator characteristics	Hot gas defrost		•			•			
	Compressor shutdown defrost	•		•	•		•	•	•
	Evaporator: automatic water evaporation	•	•	•	•	•	•	•	•
	Forced draft evaporator	•	•	•	•	•	•	•	•
	Expansion valve		•			•			
	Capillary	•		•	•		•	•	•

		BMPP	BMPP BT (LOW T ^a)	B45	BMGN	BMGN BT (LOW T ^a)	MPG	ME	MR
Refrigerator characteristics	High-pressure pressostat								
	Ventilated condensation	•	•	•	•	•	•	•	•
	Airtight compressor	•	•	•	•	•	•	•	•
Standard physical characteristics	Height-adjustable shelves	•	•	•	•	•	•	•	•
	Detachable grille supports and guides	•	•	•	•	•	•	•	•
	Adjustable feet	•	•	•	•	•	•	•	•
	Anti-mist door frame resistance		•			•			
	Glass door light	•		•	•				•
	Pivoting hinge with open lock	•	•	•	•	•	•	•	•
	Detachable condenser unit	•	•	•	•	•	•	•	•
	Possibility to discharge water from the chamber	•	•	•	•	•	•	•	•
Optional	Remote group	•		•	•				•
	Counter top with sink	•			•				
	Salad counter top (EN)	•		•	•			•	•
	Pizza counter top (granite)				•			•	
	Granite counter top						stan- dard		

10. TECHNICAL CHARACTERISTICS

Counters

		BMPP	BMPP BT (LOW T ³)	B45	BMGN	BMGN BT (LOW T ³)	MPG	ME	MR
Optional	Glass doors	•		•	•				•
	Double-sided doors				•				•
	Group on left side	•			•				
	Lock on blind doors and drawers	•	•	•	•	•	•	•	•
	1/2 - 1/3 - 2/3 drawers	•			•				

* Characteristics subject to modification without prior notice

		MR BT (LOW T ²)	MPL	MP	MSG	FMPP
Display and control options	Main switch	•	•	•	•	•
	Light switch (glass door)	•	•	•	•	•
	Defrost gauge	•	•	•	•	•
	Electronic controller	•	•	•	•	•
	Automatic defrost	•	•	•	•	•
	Manual defrost option	•	•	•	•	•
	High and Low Temperature Alarms	•	•	•	•	•
	Sensor error alarms	•	•	•	•	•
	Final defrost temperature control	•	•	•	•	•
Refrigerator characteristics	High working pressure alarm					
	Hot gas defrost	•				
	Compressor shutdown defrost		•	•	•	•
	Evaporator: automatic water evaporation	•	•	•	•	•
	Forced draft evaporator	•	•	•	•	•
	Expansion valve	•				
Capillary		•	•	•	•	

10. TECHNICAL CHARACTERISTICS

Counters

		MR BT (LOW T ³)	MPL	MP	MSG	FMPP
Refrigerator characteristics	High-pressure pressostat					
	Ventilated condensation	•	•	•	•	•
	Airtight compressor	•	•	•	•	•
Standard physical characteristics	Height-adjustable shelves	•	•	•	•	•
	Detachable grille supports and guides	•	•	•	•	•
	Adjustable feet	•	•	•	•	•
	Anti-mist door frame resistance	•				
	Glass door light					•
	Pivoting hinge with open lock	•	•	•	•	•
	Detachable condenser unit	•	•	•	•	•
	Possibility to discharge water from the chamber	•	•	•	•	•
Optional	Remote group				•	
	Counter top with sink					
	Salad counter top (EN)					
	Pizza counter top (granite)					
	Granite counter top			standard		

		MR BT (BAJA T ³)	MPL	MP	MSG	FMPP
Optional	Glass doors					•
	Double-sided doors					
	Group on left side					
	Lock on blind doors and drawers	•	•	•	•	
	1/2 - 1/3 - 2/3 drawers				standard 1/3	

* Characteristics subject to modification without prior notice