Dukers Chest Freezer Instruction Manual



Customer Service: 1- (800) 931-8628

IMPORTANT:

Please read this manual carefully before installing and operating the display refrigerator. Keep this manual handy for further reference.

Esteemed user,

Thanks for your choice!

In order to ensure your safety and achieve the best using effect, please read these instructions carefully.

I. INTRODUCTION:

1. Using hermetic compressor of high quality and efficient with a wide work range. The whole refrigerates system mate well, high refrigerate speed and low energy consumption.
2. The frame net can be adopted willfully.
3. Goods stored can be displayed clearly through the door made from luxurious hollow grass.
4. The inner box made of figured stainless steel ensures conducting cold quickly.
5. At the top front of the cabinet, there is a light box for convenience

II. MAIN TECHNICAL DATA:

RATED VOLTAGE (V)	115
RATED FREQUENCY(Hz)	60
TEMP RANGE	0-10℃

III. CAUTION FOR SAFETY.

1. Leave enough space from the wall to the cabinet and the ceiling; do not be sealed completely in the back part of the cabinet, prepare an air vent to the outside.

Caution: It needs more than 20 cm from the cabinet to wall.

2. Please move away all out-package for bottom heat radiation to avoid fire.
3. It's prohibited to store flammable and volatile chemical, or leading to exploding.
4. individual single-phase socket must be used. It should be reliably connected to a grounding wire.

Caution: Do not connect grounding wire to a water or gas pipe.

5. Do not be hard collided or fiercely vibrated when in transportation; it is not larger than 45°for the inclination of the cabinet.
6. Please refer to the Trouble Shooting references when the unit is facing some problems. Do not attempt to solve the problem on your own, Please refer to certified technician only.

7. **DANGER** - Risk of fire or explosion. Flammable refrigerant used. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing.

DANGER - Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.

CAUTION - Risk of fire or explosion. Flammable refrigerant used. Consult repair manual/owner's guide before attempting to service this product. All safety precautions must be followed.

CAUTION - Risk of fire or explosion. Dispose of properly in accordance with federal or local regulations. Flammable refrigerant used.

CAUTION - Risk of fire or explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable refrigerant used.

CAUTION - Keep clear of obstruction all ventilation openings in the appliance enclosure or in the

structure for building-in.
CAUTION -servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.
CAUTION -flammable refrigerant used! When handing, moving and use of the refrigerator, make sure to avoid either damaging the refrigerant tubing, or increasing the risk of a leak.

IV · USAGE NOTICE.

1. Start up: Before operating your unit, please be sure that all casters are properly installed. The unit must be level after it is positioned in its permanent location. This ensures proper door alignment on all cabinet, adequate condensate water drainage, and proper overall refrigeration system operation. Electrical power to the unit is generated immediately after plugging the power cord into an adequate outlet.

2. Set Temperature: Push the SET key for more than 2 seconds to change the Set point value; The value of the set point will be displayed and the "°C" or "°F" LED starts blinking; To change the Set value push the o or n arrows within 10s.To memories the new set point value push the SET key again or wait 10s.

3 · Temperature controller: After turning on for the delay time (2 minute), the compressor starts when cold room temperature ≥set temperature + hysteresis, and will be off when cold room temperature ≤set temperature. To protect the compressor, it can re-start unless the time when the compressor stops every time is longer than the delay time. (2 minute)

CAUTION—Setting the temperature control to the coldest setting may cause the eventually result in a warmer cabinet temperature.

4.Transportation: Do not be hard collided or fiercely vibrated when in transportation; it is not larger than 45°for the inclination of the chest. When it is on working, do not re-move frequently.

5.Storage: Do not flap foods or cans into the cabinet, or it will damage the glass sides/door. In order to avoid bad smell or taste, keep space between each food and do not store the foods too long time.

6.Maintenance: Please clean the cabinet with soft clothes timely. Before cleaning, **MUST pull out the power plug.** When the cabinet will not be used for a long time, disconnect the power cord then clean it. Please examine the wiring circuit before reusing it.

Restart: Please wait 5 minutes to restart the refrigerator after the plug pulled down or short sudden-cut, or it will reduce the sever life of the compressor. To save energy, the refrigerator door should not be frequently opened or left open for a long time.

7.Defrosting: Timing of defrosting: The electronic control panel is preset to automatically execute four defrosting cycles within twenty-four hours. Its timer will reset to the time or the initial first start-up. In order to modify the start time for the defrost cycle to the desired time, it is sufficient to follow these directions, press the defrosting button for six seconds, the unit will start defrosting at the time, and another cycle will follow six hours later.

Manual defrosting: Press the button on the top right of the display of the electronic thermostat for six seconds. The defrosting will start only if the sensor reveals a temperature that is inferior to a pre-set value. In that phase, the defrosting pilot light and defrost LED switch on. Refrigerator coils are defrosted by compressor stopping. Freezer coils are defrosted electrically.

Caution: Do not remove ice with a sharp metal instrument.

V. REGULAR MAINTENANCE

Cleaning the condenser coil

For efficient operation, it is important that the condenser surface be kept free of dust, dirt, and lint. Dukers recommends cleaning the condenser coil and fins at least once per month. clean with a commercial condenser coil cleaner, available from any kitchen equipment retailer. Brush the condenser fins from top to bottom, not side to side. After cleaning, straighten any bent condenser fins with a fin comb.

Cleaning the fan blades and motor

If necessary, clean the fan blades and motor with a soft cloth. If it is necessary to wash the fan blades, cover the fan motor to prevent moisture damage.

Cleaning the interior of unit

When cleaning the cabinet interior, use a solvent of warm water and mild soap. Do not use steel wool, caustic soap, abrasive cleaners, or bleach that may damage the stainless-steel surface.

Cleaning the back panel:

1.Take down the setscrews of back panel one by one manually, and then take down the back panel.
2.Clean the backboard behind the panel by scour, pay attention to keep the safety of the heat preservation material covered by the cupreous tube, clean the parts around the motherboard holes, clean the back of the panel, dry the cleaning parts by soft cloth.
3.Fix the back panel on the cabinet after clean work.

Wash door gaskets on a regular basis, preferably weekly. Simply remove door gasket from the frame of the door, soak in warm water and soap for thirty (30) minutes, dry with soft cloth, and replace. Check door gaskets for proper seal after they are replaced.

WARNING—Disconnect power cord before cleaning any parts of the unit.

Replace the fluorescent lamp (if it exists)

If replacement of the fluorescent lamp is required, disconnect the appliance from the power supply, take the lamp holder away from the socket, replace with a new and correct fluorescent lamp which specification is marked on the it from the plastic pipe. refit the fluorescent lamp with the plastic pipe and lamp holder into the socket. then connect up to power supply.

VI: **TROUBLESHOOTING GUIDE**

When you find that the refrigerator appears not to be functioning correctly, please check the unit according to the following form.

Troubles		Reasons	How to deal with
No indicator light	Unit Not work	Is not connected with the power	Connecting the plug to the power
		Plug and outlet contacting failure	Replace plug and outlet
		Failing input of control circuit	Checking and repairing
	Unit off	Base of light not welded	Weld and secure the base
		Indicator light burned out	Replacing the light
Compressor running failure		Low power	Equipping with a manostat
		Power failure	Replacement
		Temperature controller failure	Replacement
		Heating protector burning out	Replacement
		Starter failure	Replacement
		Compressor electric burned out	Replacement
		Compressor fan being blocked	Replacement
Compressor working nonstop		Misplacement of the probe of the temperature controller	Set probe in proper place
		Damaged of controller	Replacement
		Insufficiency or leakage of the refrigerant	Contact manufacturer to locate a certified refrigeration technician to find the leakage and repair.
		Heavy frosting of the evaporator	Select defrost on digital controller
		Circulation failure for entrance of uncongealed liquid	Vacuum the system and add refrigerant
		Refrigeration pipe blockage	Replace the filter and add refrigerant
		Failure of condenser fan	Replace the fan and check the circuit
		Low efficiency or no exhaust of compressor	Replacement
		Opening the door too often	Reducing the frequency of opening door
		Clogged condenser and filter	Clean the condenser and filter
		Overfilling the refrigerator causing bad ventilation	Reduce the food storage and redistribute the interior space
		Cold air leaking from door seal	Replacement
Ceaselessness of compressor		High ambient temperature	Improve the ventilation to lower the ambient temperature

	Low presetting temperature	Reset
Unit noisy	Uneven placement of the refrigerator	Find leveled floor space to place unit
	Impacting of capillary, other pipeline and accessories for no firm fitting	Clean the pipes
	Damaged fan	Replacement
	Condenser fan blocked	Clean perform maintenance on condenser fan
	Loose welding on compressor connections	Replacement and reweld
	Lose bolt on compressor, fan and condenser	Tightening the bolt
No interior light	Damage or off	Turn on or replacement
	Light burned out	Replacement
	Damaged ballast	Replacement
	Non-functioning circuit	Perform circuit check

Please ask qualified personnel to service.

ATTENTION!

The following phenomenon is normal, not trouble:

- A light sound of water flow in the cabinet.
- Heat from the compressor or condenser.
- If the ambient humidity is high, it is easy to cause water drops outside the doors, please sweep them off with towel in time.

Customer Service: 1- (800) 931-8628
Email:
Info@dukersusa.com
Warranty@dukersusa.com

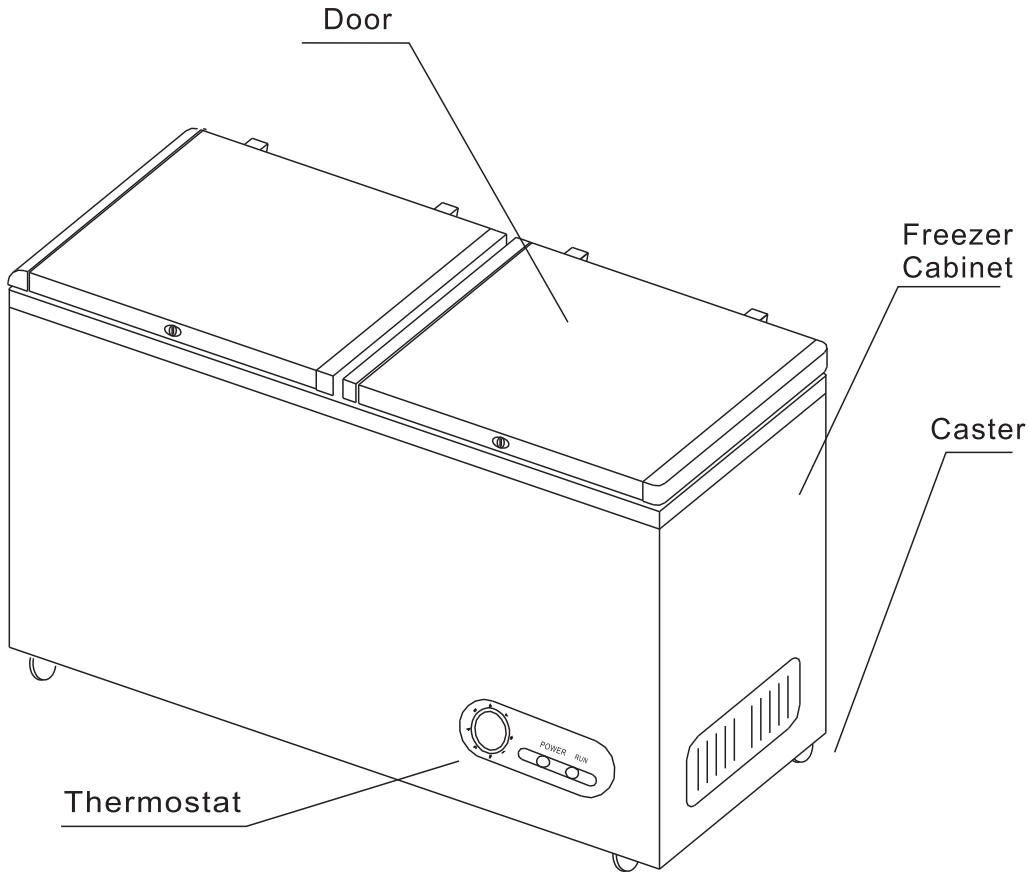
INSTRUCTION MANUAL

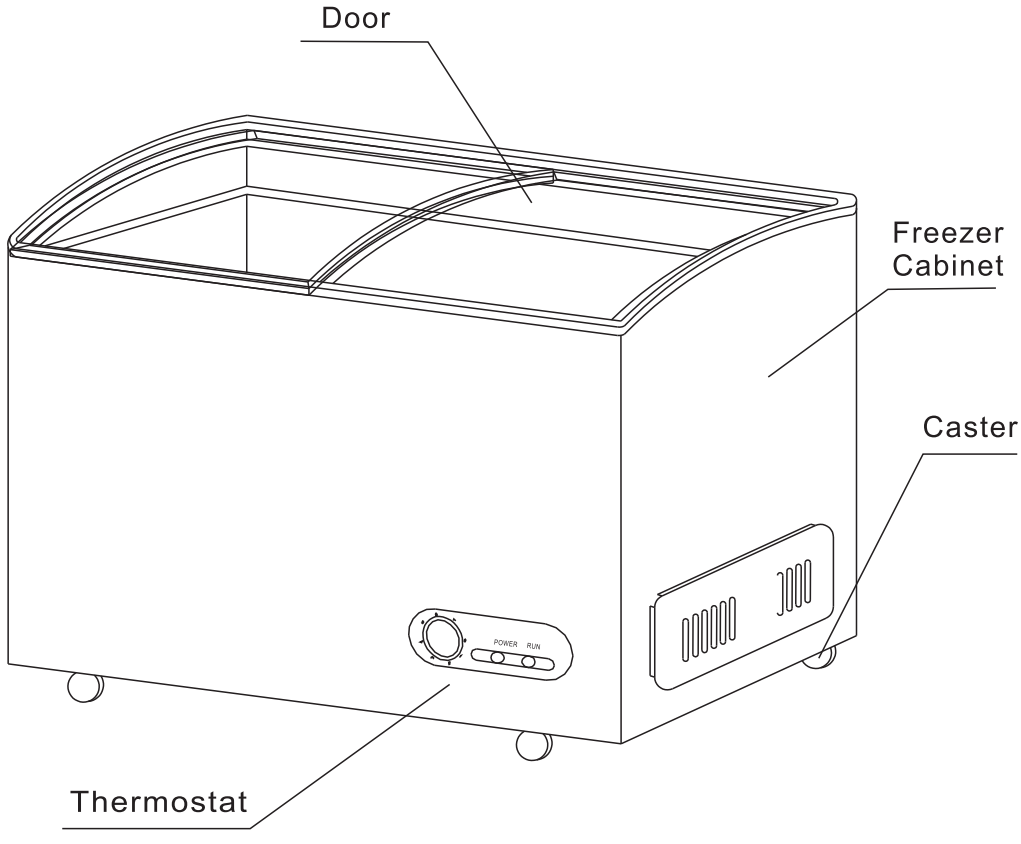
CHEST FREEZER

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Please read these instructions completely
before operating the units.

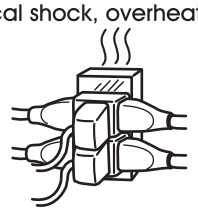

Door
Freezer
Cabinet
Caster
POWER
RUN
Thermostat


Door
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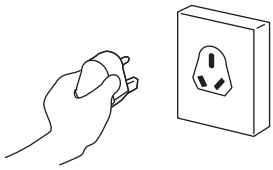
SAFETY PRECAUTIONS

PROHIBITED

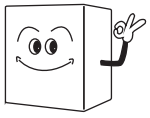
Use a dedicated wall outlet. Do not use extension cords or convenience receptacles as this could result in electrical shock, overheating and a fire.



When disconnecting the power cord plug from the wall outlet, hold at the plug main body close to the outlet. Pulling the cord could cause wire breakage, possible resulting in overheating and fire.

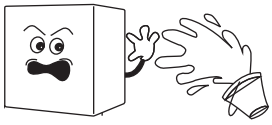


Clean the inside and outside of the appliance with dry cloth Do not allow the control panel,cables or plug to get wet.

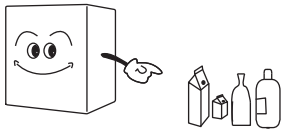


ELECTRICAL SHOCK HAZARDS

Never splash water directly onto the product or wash with water as short-Circuit and electrical leakage could occur.



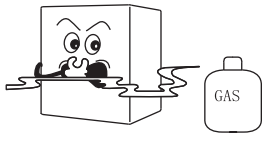
The cooler is intended for storage and display of beer and beverages for sale. Do not use for other purpose than the intended as this could adversely affect items placed in the freezer.



Beer, beverages

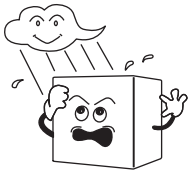
CAUSION AGAINST EXPLOSION

If you find gas leakage, please don`t touch the chest freezer. Close gas and open the door for ventilation to avoide explosion, fire and fire injury.

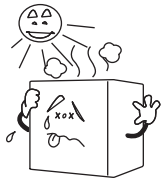


PROHIBITED

Do not expose the freezer to the rain to avoid electrical leakage and electrical shock.



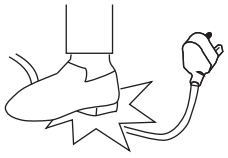
Keep the freezer away from hot air area, hot plates, sloves and direct sunlight to avoid the cooling performance reduced.



SAFETY PRECAUTIONS

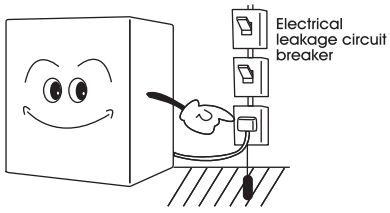
PROHIBITED

Do not damage, modify, excessively bend, strain, twist or bundle up the power cord. Do not hang heavy objects on the power cord when it has plugged on the power socket. It could be resulting in electrical shock or fire.



DANGER OF ELECTRICAL SHOCK

Please install an electrical leakage circuit breaker, if the freezer has to place in a damp location, to prevent electrical short-circuit.



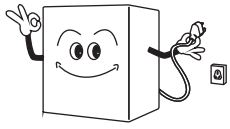
PROHIBITED

Never place heavy objects or items containing water on top of the unit. Objects could fall down and cause injury and spilled water could deteriorate the insulation of electrical components and result in electrical leakage.



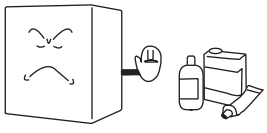
DISCONNECT POWER CORD PLUG FROM WALL OUTLET

Disconnect the power cord plug from the Wall outlet before moving the freezer and make sure that the power cord is not damaged during transport. A damaged power cord could result in electrical shock and/or fire.



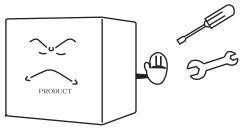
CAUSION AGAINST EXPLOSION

Never put flammable or volatile substances into the freezer as explosion and fire could be occurred.



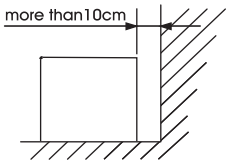
DON'T TAMPER

All repairs, disassembly and modifications should be performed only by qualified technicians. Attempting to perform these yourself could result in a fire, malfunction, and injury.

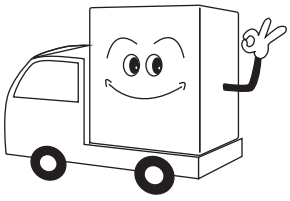


WELL VENTILATED PLACE

Please keep the chest freezer more than 10cm away from the wall. If its insufficient space, cooling capacity will be affected.



Leave disassembly and disposal of the unit to qualified experts.



HOW TO USE

BEFORE USE

- Remove shipping package, tape, etc, and **leave doors open ventilation for a while.**
- **The unit is cl**eaned before shipment. Please clean the compartment interior before using.
- Please insert power plug into the wall socket with power supply of 220-240~50Hz.
- Allow the unit to operate for about 1 hour to cool the compartment before placing items in the cooler.

WAIT 5 MINUTES OR MORE BEFORE RE-STARTING

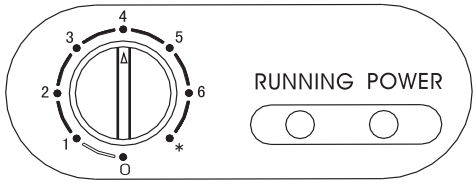
- Restarting the unit immediately after it has been turned off may cause fuses to blow and activate the circuit-breaker, the compressor may be overloaded, and/or other damage may occur.

INDICATOR LIGHT

- The red light on the control panel is the Power Indicator, and the green light is the Running Indicator.
- While the Power Indicator is lighting, it shows that the freezer is connected with power,
- While the Running Indicator is lighting, it shows that the freezer is running cooling and the compressor is turning.

TEMPERATURE ADJUSTMENT

- Temperature Control Indicator "1" - "*" shows the operation from weak cooling to strong cooling.
- If the Thermostat Knob is turned from left to right, while the Temperature Control Indicator is changed from "1" to "6", the temperature inside the cabinet will go down. In normal condition, the temperature inside the freezing cabinet will be under -18° ; and the temperature inside the refrigerating cabinet will be 0-10° , but may be under 0 ° after running long-time.



CONTROL PANEL

- In normal condition, please keep the Temperature Control Indicator at the position on "4" - "5".
- If the Thermostat Knob is turned at the position "*", (Turn maximumly from left to right), the Freezer will be at fast cooling condition, and the compressor will keep Continuously running.
- The Thermostat Knob can not be turned from "*" to "0". Otherwise the thermostat will be damaged.

CLEANING

WARNING

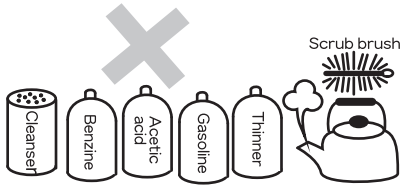
WARNING: Do not splash water directly onto the Freezer and do not wash with water. Short-circuit and electrical shock could be occurred

1. EXTERIOR AND FREEZER COMPARTMENT

The power plug should always be disconnected from the power socket before any cleaning or maintenance is carried out.

- Wipe the inner and outer surface with a soft clean cloth when there is stain on it.
- When cleaning stubborn stain,wet the cloth with a small amount of washing detergent in lukewarm water.

- Clean the cooler regularly to keep it clean at all times.
- Never use polishing powder,soap powder,benzine, oil or hot water as these will damage the coating on the surface and plastic components of the freezer.



2. CHECKS

To ensure the safety, perform the following checks after cleaning.

- Is the power cord plug firmly inserted into a dedicated wall outlet? Confirm that the plug is not abnor mally hot.
- Check the power cord for cracks and damage. Should the slightest irregularity be observed, contact the dealer from whom you purcha sed this unit or our customer's service.

IN CASE OF THE FOLLOWING

1 POWER FAILURE

- Keep opening and closing of the door to a minimum.
- Avoid placing new items in the freezer as this will raise the temperature inside the compartment.

2 WHEN NOT USED FOR A LONG PERIOD

- Remove all items from the compartment and disconnect the power Plug from the power socket.
- Clean the compartment interior, remove the water and make sure its clean and dry.
- To prevent mold formation and bad smell, leave the door open to dry the compartment completely.

3 TRANSPORTATION

- Disconnect the power Plug from the power socket.
- When moving the Freezer, make sure that the castor do not damage the power cord.
- Prevent the castors hit against floor steps, thresholds, etc.

4 TEMPORARY STORAGE

- Affix a piece of wood, etc. Between the door and main unit to prevent complete closing of the door.
- Make sure not to store the unused freezer at a location where children play.
- Should a child enter the compartment and the door is closed, the child may not be able to open the door from the inside.

BEFORE REQUESTING SERVICE

Please check the following issues if you encounter problems with the Freezer . If the problem continues after taking the proper remedial actions, disconnect the power Plug from the power socket.
Transfer the Stuffs stored in the freezer to a box or other container. Then contact the dealer from whom you purchased Or the authorized service centre and be ready to provide information as listed in "REQUIRED INFORMATION" below.

CAUTION

To prevent any electrical shock hazards, do not disconnect the power cord plug from the Power socket. with wet hands.

No refrigeration at all	● Is the power supply interrupted? ● Is the power plug disconnected from the Power socket. ● Is the shop's power fuses blown and/or the circuit breaker activated?
Inadequate refrigeration	● Is the temperature setting appropriate? ● Are items obstructing the cold air inlet and suction outlet? ● Are stored items packed too tight? ● Is the door open or is it opened and closed frequently? ● Is the condenser clogged?
Excessive noise	● Are all feet in firm contact with the floor? ● Is the rear panel of the freezer contacting the wall or other objects? ● Are other objects in contact with the freezer?
Condensation on freezer exterior	● Condensation may condense on the exterior and door during hot and humid days or depending on the place of installation. This occurs when the humidity is high and water particles in the air contact cold surfaces. This is normal.wipe away condensation with a dry cloth.

REQUIRED INFORMATION

1. Nature of malfunction (as accurately as possible)
2. Product number
3. Serial number
4. Customer's name, address, phone number
5. Year and date of purchase
6. Desired date for service visit