



**FC320BNF**

en  
it

**Instruction Manual**  
**Manuale di istruzioni**



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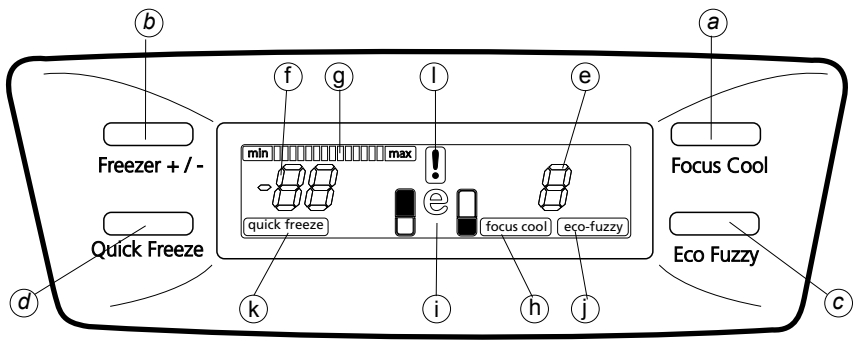
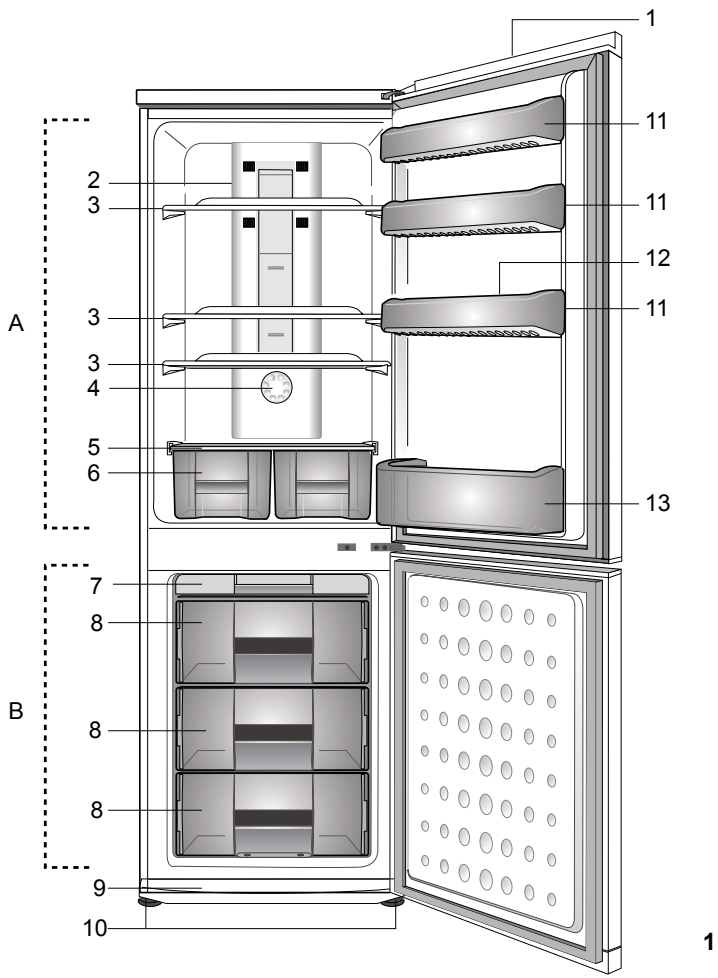
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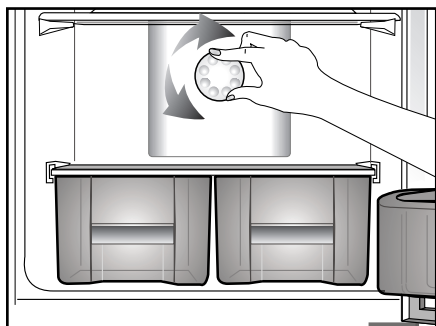
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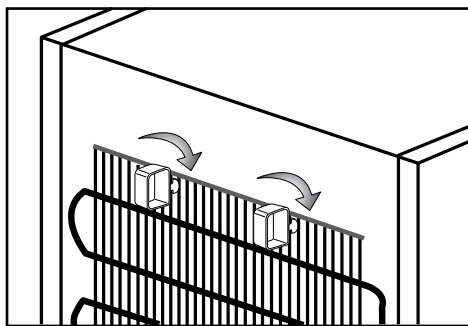
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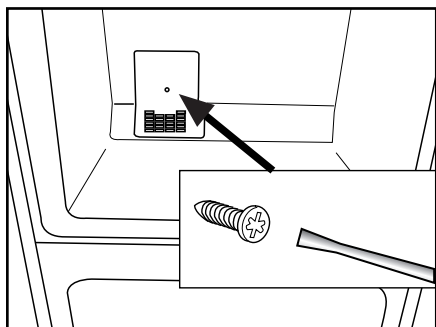




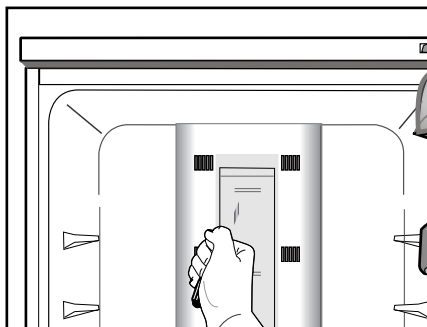
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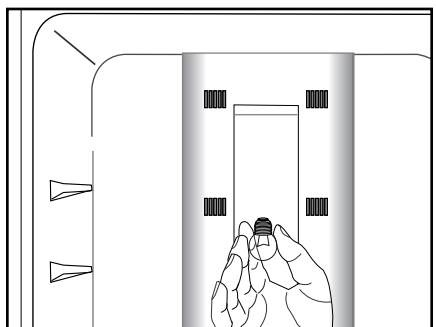
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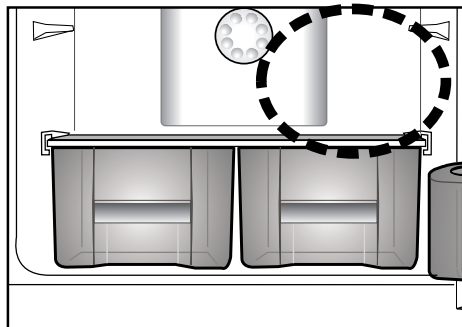
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Congratulations on your choice of our product which will certainly provide you with many years of good service.

## Safety comes first!

Please read this Instruction Manual carefully. It contains important information on how to use your new appliance. If instructions are not adhered to, you may lose your right to service at no charge during the warranty period. Please keep this manual in a safe place and pass it on to later users if applicable.

- Do not connect your appliance to the power supply until all packing and transit protectors have been removed.
- Leave to stand upright for at least 4 hours before switching on to allow the system to settle if transported horizontally.
- This appliance must only be used for its intended purpose, i.e. the storing and freezing of edible foodstuff.
- We do not recommend use of this appliance in an unheated, cold room e.g. garage, conservatory, annex, shed, outdoors, etc. See 'Location'.
- On delivery, check to make sure that the product is not damaged and that all the parts and accessories are in perfect condition.
- Do not operate a damaged appliance; if in doubt, check with your dealer.
- Do not allow children to play with the appliance.
- Do not sit or stand on or let the children sit or stand on the appliance or on the pull-out parts.
- Do not hang on the appliance door.
  
- Your appliance contains no fluoridated coolants (CFC/HFC), but isobutane (R 600 a), a natural gas which is highly compatible with the environment. (R 600 a) is easily flammable. Therefore, be sure that the cooling circuit is not damaged either during transport or during operations.
  - In the event of damage;
    - Avoid any open flame, sources of sparks and flammable substances.
    - Immediately air the room in which the appliance is located.
    - In case the coolant spraying out contacts your eyes it may cause eye injuries.
- The space in the room where the appliance is installed must not be smaller than 10 cubic metres.
  
- Do not dispose of the appliance in a fire. Your appliance contains non CFC substances in the insulation which are flammable.
- Please contact the local authority in your region for information on disposal methods and facilities available.

△ **Warning** - Keep ventilation openings on the appliance enclosure or in the built-in structure, clear of obstruction.

△ **Warning** - Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

△ **Warning** - Do not damage the refrigerant circuit.

△ **Warning** - Do not use electrical devices inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

- Avoid touching the metal condenser wiring on the backside of the appliance; there is risk of injury.
- In the event of a possible malfunction, disconnect the appliance from the power supply first.
- Prior to cleaning the appliance always unplug the appliance or switch off the circuit breaker. Do not pull from the power cable. Pull from the plug.
- Repairs to the electrical equipment may only be made by qualified experts. If the power cable is damaged, the manufacturer or customer service must replace it in order to avoid danger.

## Transport instructions

The appliance should be transported only in upright position.

The packing as supplied must be intact during transportation.

If the appliance is transported in the horizontal position, it must be placed vertically and left in this position for 4 hours before taking into operation.

The appliance must be protected against rain, moisture and other atmospheric influences. The manufacturer assumes no liability if safety instructions are disregarded.

## Disposal

Make the appliance unusable immediately. Pull out the mains plug and cut the power cable. Remove or destroy snap or latch locks before disposing of the appliance. In this manner you prevent children from locking themselves in and endangering their lives.

## Appliance setup

- Do not operate your appliance in a room where the temperature is likely to fall below 10 °C at night and/or especially in winter. At lower temperatures the appliance may not operate, resulting in a reduction in the storage life of the food.

- The climate class rate of your appliance is given on the rating label located inside the appliance. It specifies the appropriate operating ambient temperatures as explained below.

### Climatic class    Ambient temperatures

SN.....	+10 °C to 32 °C
N.....	+16 °C to 32 °C
ST.....	+18 °C to 38 °C
T.....	+18 °C to 43 °C
SN-ST.....	+10 °C to 38 °C
SN-T.....	+10 °C to 43 °C

## Location

Only place the appliance in dry rooms which can be ventilated.

Avoid direct sunlight or direct heat sources such as a stove or a heater.

If this cannot be avoided, the following minimum distances should be maintained:

Electric stoves: 3.00 cm

Heater: 3.00 cm

Cooling devices: 2.50 cm

- Make sure that sufficient room is provided around the appliance to ensure free air circulation.

Fit the two plastic wall spacers supplied with the appliance rotating 1/4 turn to the condenser at the back of the appliance (**Fig. 4**).

- The appliance should be placed on a level surface. The two front feet can be adjusted as required. To ensure that your appliance is standing upright adjust the two front feet by turning clockwise or counter-clockwise, until the product is in firm contact with the floor. Correct adjustment of feet avoids excessive vibration and noise.

## Electrical connections

### Warning

This appliance must be grounded.

- Check whether the power type and voltage in your region corresponds to the one stated on the rating label inside the appliance.

- The electrical safety of the appliance is only assured when the grounding system in the house is installed in accordance with regulations.

- When placing the appliance, do not let the power cable get stuck under it; otherwise the cable will be damaged.

- Ensure that the plug remains readily accessible. Do not use a multiple adapter bar or an extension cable.

- The electrical specifications of your appliance is given on the rating label located inside the appliance.

- Route power cable to allow easy connection and disconnection after installation.

- A contact separator should be used if the power cable is not accessible. (for built-in models)

## Get to know your appliance

### Warning

Below information about accessories are supplied only for reference. Below accessories may not be exactly same as the accessories of your appliance.

#### Fig. 1

- A) Fridge compartment
  - B) Freezer compartment
1. Control panel
  2. Interior light
  3. Movable shelves
  4. Thermostat knob
  5. Crisper cover
  6. Salad crisper
  7. Ice bank
  8. Freezer compartment storages
  9. Air grille
  10. Adjustable front feet
  11. Adjustable door shelves
  12. Egg tray
  13. Bottle shelf

## Prior to startup

Before you begin operating your appliance, the following points should be re-checked for safety:

- Is the appliance standing properly on the floor?
- Is there sufficient space for good air circulation?
- Is the interior clean? (Also see the section "Cleaning and care")
- Now connect the appliance to the mains.

The compressor is turned on; the interior light comes on when the Fridge door is opened.

Do not place foodstuff into the refrigerator until the temperature has reached the desired level.

## Setting the operating temperature

Freezer Compartment Temperature can be adjusted by the electronic display (**Fig 2**).

The temperature of the fridge compartment depends on the amount of the air coming from the freezer compartment.

You can adjust the temperature of the fresh food compartment by setting the thermostat knob between 1 and 5 positions. (**Fig 3**).

**1 = Lowest cooling setting** (Warmest setting)  
**5 = Highest cooling setting** (Coldest setting)

### Control Panel:

#### Control Functions

Considering Figure.2, the following functions are implemented on the appliance.

- a. Focus-Cool
- b. Freezer Set
- c. Eco-Fuzzy
- d. Quick Freeze
- e. Actual Fridge Temperature
- f. Actual Freezer Temperature
- g. Freezer Bar Graphs
- h. Focus-Cool Icon
- i. Economy Icon
- j. Eco Fuzzy Icon
- k. Quick Freeze Icon
- l. Alarm Icon

## Description of the Control Functions

### a. Focus-Cool

This button is designed for fuzzy cooling of the fridge. Press focus cool button to set the function and the focus cool icon will light on. The focus cool function will automatically take place when there is an instantaneous change on temperature of the fridge compartment. The instantaneous change on the temperature may occur during daily usage of the appliance due to loading fresh vegetables into fridge compartment or keeping the fridge door open for a long time in summer. The focus cool function aims to preserve the foods against instantaneous temperature changes in the fridge compartment.

To deactivate focus cool function, it is enough to press focus cool button once more. Even after the power failure, the appliance will recall focus cool function if it is not deactivated which is sometimes advantage.

### b. Freezer Set

The desired freezer temperature of the appliance can be adjusted by using freezer set button. To change the freezer set temperature press the freezer set button. The first time the button is pressed the current set temperature is shown on the display then afterwards, each time the button is pressed the new freezer set temperature will be displayed in sequence: -18, -20, -22, -24, -18, ...

The new freezer set temperature will blink on the display for 5 seconds only. Then the actual freezer temperature will be shown.

### c. Eco-Fuzzy

This button is designed to operate the appliance in the most economical mode via fuzzy algorithm. Press eco fuzzy button to set

the function and the Eco Fuzzy icon will light on. The economy icon will light on when the function takes place and the appliance will preserve the foods inside, in the most economical mode.

To deactivate eco fuzzy function, it is enough to press eco fuzzy button once more. Even after the power failure, the appliance will recall eco fuzzy function if it is not deactivated which is sometimes advantage.

### d. Quick Freeze

This button is designed for fast cooling of the freezer. Press quick-freeze button to start the function. The quick freeze icon will light on when the function is activated. Each time the quick-freeze function is activated, "-27" blinks on the display for 5 seconds only. Then the actual freezer temperature will be shown. Quick freeze function lasts for maximum 3 hours. When the quick-freeze function is completed, icon will light off automatically and the previous freezer set temperature will be recalled.

Quick freeze function terminates automatically in 3 hours. To deactivate quick-freeze function manually, it is enough to press quick freeze button once more or freezer set button.

The electronic control system incorporates a safety protection so that if the quick freeze button is pressed more than once in a short time, then the compressor will not run immediately.

### e. Actual Fridge Temperature

The average temperature of the packages inside the fridge compartment is shown here. Accordingly, this temperature is not sensitive to instantaneous changes.



#### f. Actual Freezer Temperature

The average temperature of the packages inside the freezer compartment is shown here. Accordingly, this temperature is not sensitive to instantaneous changes.

Also, the freezer set temperature blinks here for 5 seconds when the freezer set temperature is adjusted.

When quick freeze button is pressed, “-27” blinks also here.

#### g. Freezer Bar Graphs

The number of bars lighting on the freezer bar graphs are determined according to the freezer set temperature.

If the freezer set temperature is -24; then all the freezer bars light on.

If the freezer set temperature is -22; then min icon and 12 bars light on.

If the freezer set temperature is -20; then min icon and 10 bars light on.

If the freezer set temperature is -18; then min icon and 6 bars light on.

If quick freeze is activated; then all freezer bars light on also.

#### h. Focus-Cool Icon

The focus cool icon indicates that the focus cool button is pressed. The focus cool function will automatically take place when there is an instantaneous change on temperature of the fridge compartment.

#### i. Economy Icon

The economy icon indicates that the appliance is running in the most economical power consumption mode. The economy icon lights on when the fridge set temperature is adjusted to -18 or when the eco-fuzzy function takes place.

When the quick freeze function is activated, this icon lights off.

#### j. Eco-Fuzzy Icon

The eco fuzzy icon indicates that the eco fuzzy button is pressed. The eco fuzzy function will take place via some fuzzy algorithms in order to preserve foods in the most economical mode.

Eco-fuzzy function takes place if the appliance's door is kept closed for a long time or none of the buttons on the display are pressed during a period of time.

When the eco fuzzy function takes place, economy icon lights on.

#### k. Quick Freeze Icon

The quick freeze icon indicates that the quick freeze function is running. The quick-freeze icon lights on when the appliance running in quick-freeze mode.

#### l. Alarm Icon

The alarm icon indicates that there is something wrong with the appliance wiring connection or cooling. Please check **What if...** section.

## Cooling

### Food storage

The **fridge compartment** is for the short-term storage of fresh food and drinks.

Store milk products in the intended compartment in the refrigerator.

Bottles can be stored in the bottle holder or in the bottle shelf of the door.

Raw meat is best kept in a polyethylene bag at the second shelf from the top of the refrigerator.

Allow hot foods and beverages to cool to room temperature prior to placing them in the refrigerator.

It is suggested not to keep frozen food over crisper cover (as indicated in Fig.8.) for thawing purposes.

The other shelves can be used for thawing purposes.

#### **Attention**


Store concentrated alcohol in a container only standing upright and tightly closed.

#### **Attention**

Do not store explosive substances or containers with flammable propellant gases (canned cream, spray cans etc.) in the appliance. There is a **danger of explosion**.

## Freezing

### Freezing food

The freezing area is marked with  symbol on the door liner.

You can use the appliance for freezing fresh food as well as for storing pre-frozen food. Please refer to the recommendations given on the packaging of your food.

#### Attention

Do not freeze fizzy drinks, as the bottle may burst when the liquid in it is frozen.

Be careful with frozen products such as coloured ice-cubes.

Do not exceed the freezing capacity of your appliance in 24 hours. See the rating label. In order to maintain the quality of the food, the freezing must be effected as rapidly as possible. Thus, the freezing capacity will not be exceeded, and the temperature inside the freezer will not rise.

#### Attention

Keep the already deep-frozen food always separated with freshly placed food.

When deep-freezing hot food, the cooling compressor will work until the food is completely frozen. This can temporarily cause excessive cooling of the refrigeration compartment.

If you find the freezer door difficult to open just after you have closed it, don't worry. This is due to the pressure difference which will equalize and allow the door to open normally after a few minutes.

You will hear a vacuum sound just after closing the door. This is quite normal.

Do not close air flow channels while loading.

## Making ice cubes

Fill the ice-cube tray 3/4 full with water and place it in the freezer.

As soon as the water has turned into ice, you can take out the ice cubes.

Never use sharp objects such as knives or forks to remove the ice cubes. There is a risk of injury!

Let the ice cubes slightly thaw instead, or put the bottom of the tray in hot water for a short moment.

## Defrosting of the appliance

**The appliance is a frost free refrigerator. So there will not be any frost accumulation inside the food storage area.**

However there will be an automatic defrost at the evaporation area of the appliance when it is required. The water is collected into a reservoir at the back of the appliance and evaporates automatically through the compressor heat.

Ensure that the reservoir is fixed properly above the compressor.

## Replacing the interior light bulb (Fig. 6-7)

Should the light fail to work, proceed as follows. Switch off the circuit breaker or unplug the power cable.

Then ensure the bulb is screwed securely in the bulb holder. Plug in the power and switch on the circuit breaker.

If the light still fails, obtain a replacement E14 screw-cap type 15 Watt (Max) bulb from your local electrical store and then fit it. Carefully dispose of the burnt-out light bulb immediately.

## Cleaning and care

### Interior and Exterior Surfaces

#### Attention

**Always unplug the power cable or switch off the circuit breaker before cleaning.**

Clean the exterior using lukewarm water and a mild detergent.

Never use detergents, abrasive or acidic agents.

Wipe the inside compartment dry.

Be careful to prevent water from getting into contact with the electrical connections of the temperature control or the interior light.

If the appliance is not going to be used for a long period of time, unplug the power cable and remove all food. Clean the appliance and keep the door open.

To preserve the appearance of your appliance, you can polish the exterior and the door accessories with a silicone wax.

Clean the condenser at the back of the appliance once a year using a brush or a vacuum cleaner. Dust build-up leads to increased energy consumption.

Inspect the door gasket at regular intervals.

Clean with water only, and wipe totally dry.

### Cleaning of the accessories

#### Door shelves:

Remove all food from the door shelves.

Lift the cover of the shelf upwards and pull it off sideward.

Remove the bottom of the door shelf by pushing it upwards.

#### Collecting container (Pan):

Make sure that the pan at the back of the appliance is always clean.

Gently release the snap of the pan from the compressor by pushing it using a tool (like screwdriver), so that the pan can be removed.

Lift the pan, clean it and wipe it dry.

Re-assemble in reverse order.

#### Crisper or Drawers:

To clean a drawer, pull it out as far as possible, tilt it upwards and then pull it out completely.

#### Odor filter:

The odor filter at the back of your fresh food compartment prevents formation of bad smell in your product .

To clean the odor filter, remove the plastic cover and leave the filter under sun light for a day. Filter will be cleaned during this period.

Fit the filter back to its place (**Fig. 5**). Perform this operation once a year.

## Practical tips and notes

### Cooling

- Clean fresh food and vegetables before storing in the crisper bin.
- Always pack or wrap food, or put it in a suitable container, before storing it in the appliance.
- Wrap food which is not suitable for storage at cold temperatures in polyethylene bags (pineapple, melons, cucumbers, tomatoes etc.).
- Food with strong odour or apt to acquire odour should be wrapped in airtight or smell-proof packaging material.
- Keep fresh food separate from cooked food, to avoid bacteria contamination.
- Never keep fresh meat in the fridge for more than 2 or 3 days.
- Remove any left-over canned food from the can and store it in a suitable container.
- Refer to the shelf life indicated on the food packaging.
- Do not obstruct the air circulation inside the appliance by covering the shelves.
- Never keep any dangerous or poisonous substances inside your appliance.
- Always check food that has been stored for a long period of time for its suitability for consumption.
- Do not store fresh and cooked food together in the same container.
- Close the door immediately after opening, to avoid unnecessary energy consumption.
- Do not use hard or sharp objects to remove the ice build-up.
- Do not load hot food into your appliance.

### Freezing

- Always leave food to thaw in a container that allows the thawing water to run off.
- Do not exceed the maximum allowable freezing capacity when freezing fresh food (see the section "Freezing")
- Do not give children ice-cream and water ices direct from the freezer.  
The low temperature may cause freeze burns on lips.
- Never re-freeze defrosted food; defrosted food must be consumed within 24 hours. Only food that has been cooked can be refrozen.
- Do not take out frozen food with wet hands.
- Store only fresh and impeccable food.
- Always use appropriate packaging material to avoid odour penetration or degradation of the food.
- Store commercially frozen food in accordance with the instructions given on the packaging.
- Freeze cooked food in small quantities. This ensures rapid freezing and maintains the quality of the food.
- Do not freeze liquid in tightly closed bottles or containers.  
The bottles/containers may burst at low temperatures.
- Carry pre-frozen food in suitable bags and place it in your freezer as soon as possible.  
Always defrost food in the fridge compartment.

## Examples of Use

White wine, beer and mineral water	chill before use
Bananas	do not store in a fridge
Fish or offal	store in polyethylene bags only
Cheese	use airtight containers or polyethylene bags; for best results, take out from the fridge an hour before consumption.
Melons	store only for a short period of time, use airtight packaging/wrapping
Raw meat and poultry	do not store together with delicate food such as cooked food or milk

## Normal operating noises

**Various functional noises are completely normal due to the operation of the cooling system of your appliance;**

- Gurgling, hissing, boiling or bubbling noises are caused by the refrigerant, circulating inside the cooling system. These noises can still be heard for a short period of time after the compressor shuts off.
- Sudden, sharp cracking or popping noises are caused by the expansion and contraction of the inside walls or some components inside the cabinets.
- Buzzing, whirring, pulsating or high-pitched humming noises are caused by the compressor. These noises are slightly louder at the start-up of the compressor and reduce when the appliance reaches the operating temperatures.

**Also to avoid disturbing vibrations and noises make sure that;**

- Your refrigerator is standing level on all four feet.
- Your refrigerator is not in contact with the walls, surrounding objects or kitchen cabinets and furniture.
- Cans, bottles or dishes inside the refrigerator are not touching and hitting each other.
- All shelves and bins are mounted correctly inside the refrigerator cabinets and doors.

## What, if...


### 1- The appliance will not work, even though it is switched on.

- Check if the power cable is properly connected!
- Check if the mains supply is in order, or if a fciircuit breaker has been tripped!
- Check the temperature control for correct setting!

### 2- There is a power failure.

Your freezer is suitable for the long-term storage of frozen food that are available commercially and also can be used to freeze and store fresh food.

Do not open the door in case of a power failure.

For a  rated appliance, frozen food in the freezer compartment will not be affected if the power failure lasts shorter than the "Conservation Time From Failure (hours)" mentioned in the rating label.

If the power failure is longer than the "Conservation Time From Failure (hours)", then the food should be checked and either consumed immediately or cooked and then re-frozen.

### 3- The interior light does not work.

Check the power supply!

Check the installation of the light bulb! Unplug the power cable before checking the light bulb. (Also see the section "Replacing the interior light")

### 4- There is high temperature alarm

If the actual temperature of the freezer compartment is warm, then the alarm icon on the display (**Fig. 2/m**) lights on. The alarm icon lights off when the actual temperature of the freezer compartment cools down.

The high temperature alarm may be triggered in the following situations.

- Warm food storage
- Warm air in the freezer compartment
- Freezer door is left open for a long time

If the high temperature alarm remains on for more than 24 hours then contact with the customer service.

The high temperature alarm is not active in 24 hours after plugging the appliance into the electricity.

### 5- There is error messages and alarm

In case any failure condition due to wiring connection of the appliance occurs, then the alarm icon on the display (**Fig. 2/m**) starts blinking together with the relevant error message.

In case some certain characters (E0, E3, ..etc.) appear on the display then contact with the customer service. The fuzzy control algorithm takes place in order to preserve food till the customer service arrives.

The alarm icon lights off just after the failure is remedied.

### 6- There is actual fridge temperature failure

The appliance performs cooling according to the fridge thermostat position and the average temperature of the packages inside the fridge compartment is shown on the display.

There may be some oscillations on the actual fridge temperature shown on the display in the following conditions:

- The fridge door is Opened / Closed frequently
- Loading warm packages inside the fridge.
- Leaving the fridge door open for a long period of time

## 7- There is actual freezer temperature failure

The appliance performs cooling according to the freezer set temperature. The actual freezer temperature shown on the display will reach the adjusted freezer set temperature, when the packages are cold enough.

There may be some oscillations on the actual fridge temperature shown on the display in the following conditions:

- a) The freezer door is Opened / Closed frequently
- b) Loading warm packages inside the freezer
- c) Leaving the freezer door open for a long period of time

## 8- Other possible malfunctions

Not every malfunction is a case for our customer service. Very often, you can easily resolve the problem without requesting service. Before requesting service, please check if the malfunction has been caused by an operating error. If this is the case, and a service has been requested, a service charge will be levied even if the appliance is still under guarantee.

If the problem persists please contact your dealer or customer service.

Please have the type and serial number of your appliance when calling. The rating label is located inside the appliance.

## Door Open Alarm

There is a built in buzzer in the appliance that will inform customer in case the fridge door is left open for a minute. This alarm is a periodic alarm and it reminds the customer that the fridge door is left open.

There is no buzzer alarm related to freezer door.

In order to stop the door open alarm, it is enough to press any button on the display or close the door. Thus, the alarm will stop till next time.

## Reversing the doors

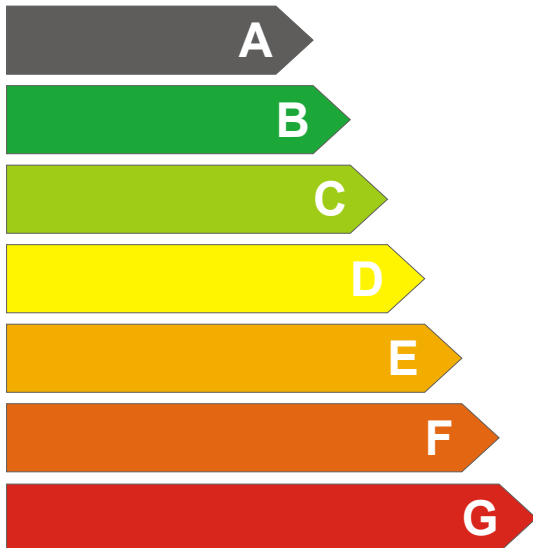
The door of your refrigerator is designed to operate towards both sides at your convenience. If you want the door to open towards the other side, please call the nearest authorized maintenance service for assistance.



# Energy

Manufacturer  
Model

**More efficient**



**Less efficient**

Energy consumption kWh/year

*(Based on standard test results for 24 h)*

Actual consumption will depend on how the appliance is used and where it is located

Fresh food volume l  
Frozen food volume l  
Chill compartment volume l

**Noise**

(dB(A) re 1 pW)

A large, empty rectangular box with a thin black border, intended for the user to stick the energy label.

You may stick the energy fiche given in the polybag to the area above.