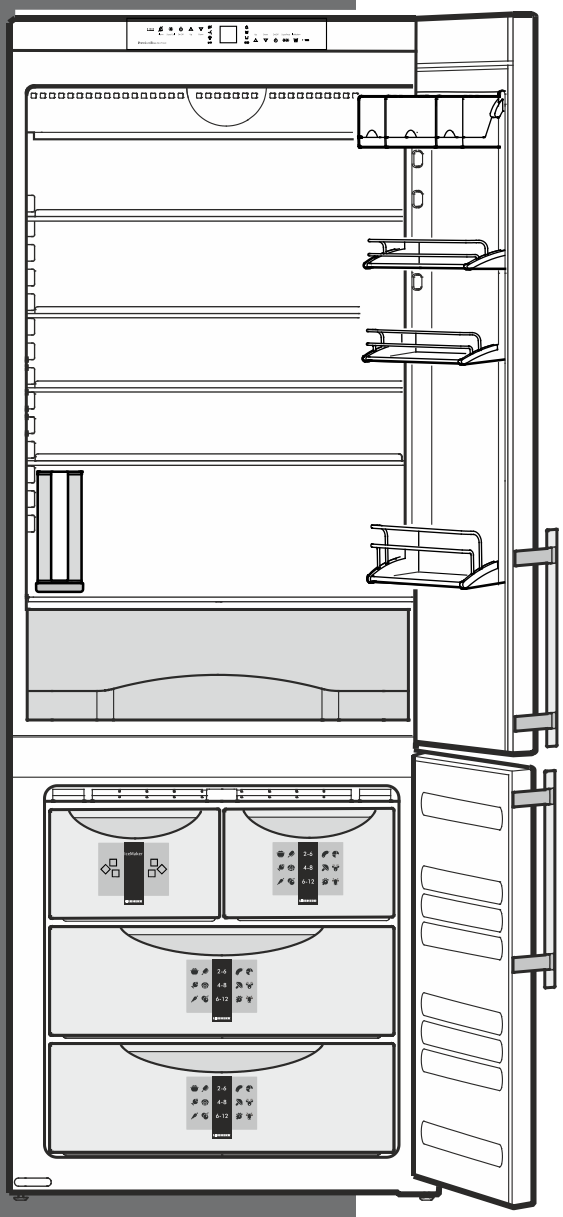
LIEBHERR

Use and Care Manual

For NoFrost combined refrigerator-freezers



CS 1640
7084 357-00

Table of Contents

Additional Benefits

- CFC-free
- Energy-optimized refrigerant circuit
- Energy-efficient insulation
- Low energy consumption

- User-friendly electronic controls
- Display of functions switched on
- Temperature can be controlled within climate rating range, regardless of room temperature
- Refrigerator and freezer compartments defrost automatically - no need to spend time defrosting

- Big net refrigerator capacity
- Variable and practical features
- Safety-glass storage shelves
- Big net freezer capacity
- Automatic ice maker

- Freezer temperature increase alarm
- Audible door open alarm
- Power failure/FrostControl display
- Fresh food can be fast-frozen as required
- All drawers suitable for fast freezing

- Integrated transport grips on appliance housing
- Transport castors

- Easy to clean

- This unit is certified as Sabbath compliant by the Star-K organization, thus allowing the appliance to be used during religious holidays. For more information please visit Star-K on the web at www.star-k.org.

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IMPORTANT

All types and models are subject to continuous improvement. The manufacturer reserves the right to make modifications to the shape, equipment and technology.

Please read and follow these instructions

These instructions contain Warning and Caution statements. This information is important for safe and efficient installation and operation.

Always read and follow all Warning and Caution statements!

⚠ DANGER!

Danger indicates a hazard which will cause serious injury or death if precautions are not followed.

⚠ WARNING!

Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION!

Caution indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

IMPORTANT

This highlights information that is especially relevant to a problem-free installation and operation.

Make sure incoming voltage is the same as the appliance rating.

To reduce the risk of fire, electric shock or personal injury, installation work and electrical wiring must be done by a qualified electrician in accordance with all applicable codes and standards, including fire-rated construction.

Disposal of Old Appliance

⚠ DANGER!

Risk of child entrapment. Before you discard your old refrigerator or freezer:

- **Be sure to follow your local requirements for disposal of appliances. Discarded appliances can be dangerous.**
- **Remove the doors.**
- **Remove the freezer drawers.**
- **Leave the shelves in place so that children may not easily climb inside.**
- **Cut off the power cable from the discarded refrigerator. Discard separately from the refrigerator.**

Following these instructions reduces the possibility of causing personal injury, especially to children playing.

Contact the trash collection agency in your area for additional information.

Disposal of Carton

The packaging is designed to protect the appliance and individual components during moving and is made of recyclable materials.

⚠ WARNING!

Keep packaging materials away from children. Polythene sheets and bags can cause suffocation!

- Please take the packaging material to your local recycling facility.

Safety

Important Safety Information

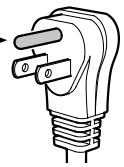
- To prevent injury to you or damage to the unit, the appliance should be unpacked and set up by two people.
- If the appliance is damaged on delivery, contact the supplier immediately before connecting to the power source.
- To guarantee safe operation, ensure that the appliance is set up and connected as described in these operating instructions.
- Disconnect the appliance from the power source if a fault occurs. Pull out the plug, turn off or remove the fuse.
- When disconnecting the appliance, use the plug. Do not pull on the cable.
- Any repairs and work on the appliance should only be carried out by the customer service department. Unauthorized work may be dangerous to the user. Changing the power source cable should only be done by the customer service department.
- Do not eat ice cream, particularly ice cream treats, or ice cubes, immediately from the freezer compartment. There is a risk of "burning" because of the very cold temperatures.
- Do not consume food which has been stored for too long; it could cause food poisoning.
- The appliance is designed for cooling, freezing and storage of food, and for making ice. It is intended for domestic use.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. Electrical components might cause leaking gas to ignite. You may identify such sprays by the printed contents or a flame symbol.
- Do not use electrical appliances inside the appliance.
- To prevent possible injury due to an electrical shock, be sure to disconnect the power cord or turn off the circuit breaker before cleaning the appliance.
- To avoid injury or damage to the appliance, do not use steam cleaning equipment to clean the appliance.
- Do not operate the appliance in the presence of explosive fumes.
- In the event of a power outage, minimize opening the appliance door(s). Protect the food either by placing dry ice on top of the packages or using a local frozen food locker if the power failure is of a long duration. Do not attempt to re-freeze any previously frozen food that has thawed.
- To avoid possible injury, only adjust an empty shelf. Do not attempt to adjust a shelf with food on it.
- To protect the appliance from possible damage, allow the appliance to stand 1/2 to 1 hour in place before turning the electricity on. This allows the refrigerant and system lubrication to reach equilibrium.

Electrical Safety

Connect this appliance to a 110-120 V AC, 15 amp circuit that is controlled by a circuit breaker or fuse. This appliance should have its own separate grounded circuit. Do not use an extension cord.

The power cord is equipped with a three-prong (grounding) plug for your protection against possible shock hazards. To maintain this protection:

- Do not modify the plug by removing the round grounding prong.



- Do not use a two-prong adapter. Where a two-prong wall receptacle is encountered, contact a qualified electrician and have it replaced with a three-prong receptacle in accordance with all local codes and ordinances.
- Do not use a power cord that is frayed or damaged.

Safety Regulations

The appliance complies with UL 250 / CSA C22.2 #63 and is designed to cool, freeze and store food and to make ice (if equipped). It is designed as a household appliance.

The appliance is set to operate within specific ambient temperature limits according to its climate rating. These temperature limits should not be exceeded. The correct climate rating for your appliance is indicated on the model plate.

This is explained as follows:

Climate Rating	Set for Ambient Temperatures of
SN	50°F to 90°F (10°C to 32°C)
N	61°F to 90°F (16°C to 32°C)
ST	61°F to 100°F (16°C to 38°C)
SN-ST	50°F to 100°F (10°C to 38°C)
SN-T	50°F to 109°F (10°C to 43°C)
T	61°F to 109°F (16°C to 43°C)

We recommend cleaning the appliance before turning it on for the first time. See **Cleaning**. Turn on the appliance several hours before loading it with frozen food for the first time. Do not load with frozen food until the temperature shows approximately 0°F (-18°C).

⚠ WARNING!

Do not allow children to play with the appliance. Children must not climb, sit or stand on the appliance drawers. Failure to follow these instructions may result in death or serious injury.

⚠ CAUTION!

To avoid risk of personal injury or property damage, have two people unpack and move this appliance into place.

⚠ CAUTION!

Protect the finished floor surface before you uncrate the unit.

Avoid placing the appliance in direct sunlight or near the stove, range top, radiators and similar heat sources. Do not place microwave ovens, toaster ovens or other heat-emitting appliances on top of this unit.

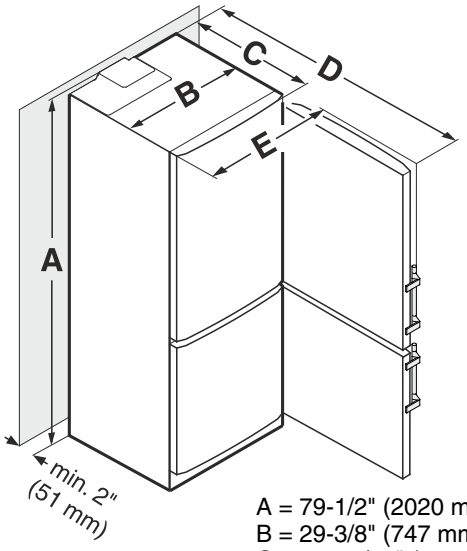
Keep the appliance out of the weather.

The ventilation grilles should not be obstructed. Always ensure there is good ventilation all around the appliance.

As soon as you uncrate the unit:

- Examine the unit and packaging for shipping damage. Contact the carrier immediately if you suspect there is any damage.
- Note the type (model number), index, serial number, date of purchase and where purchased on the spaces provided in the back of this manual.

Unit Dimensions



A = 79-1/2" (2020 mm)
B = 29-3/8" (747 mm)
C = 24-13/16" (630 mm)
D = 52-3/8" (1330 mm)
E = 31-3/32" (790 mm)

NOTE

If the gap between the rear of the appliance and the wall is less than 2 inch (51 mm) , the power consumption level may increase.

Features

Description of Appliance and Equipment - *Figure 1*

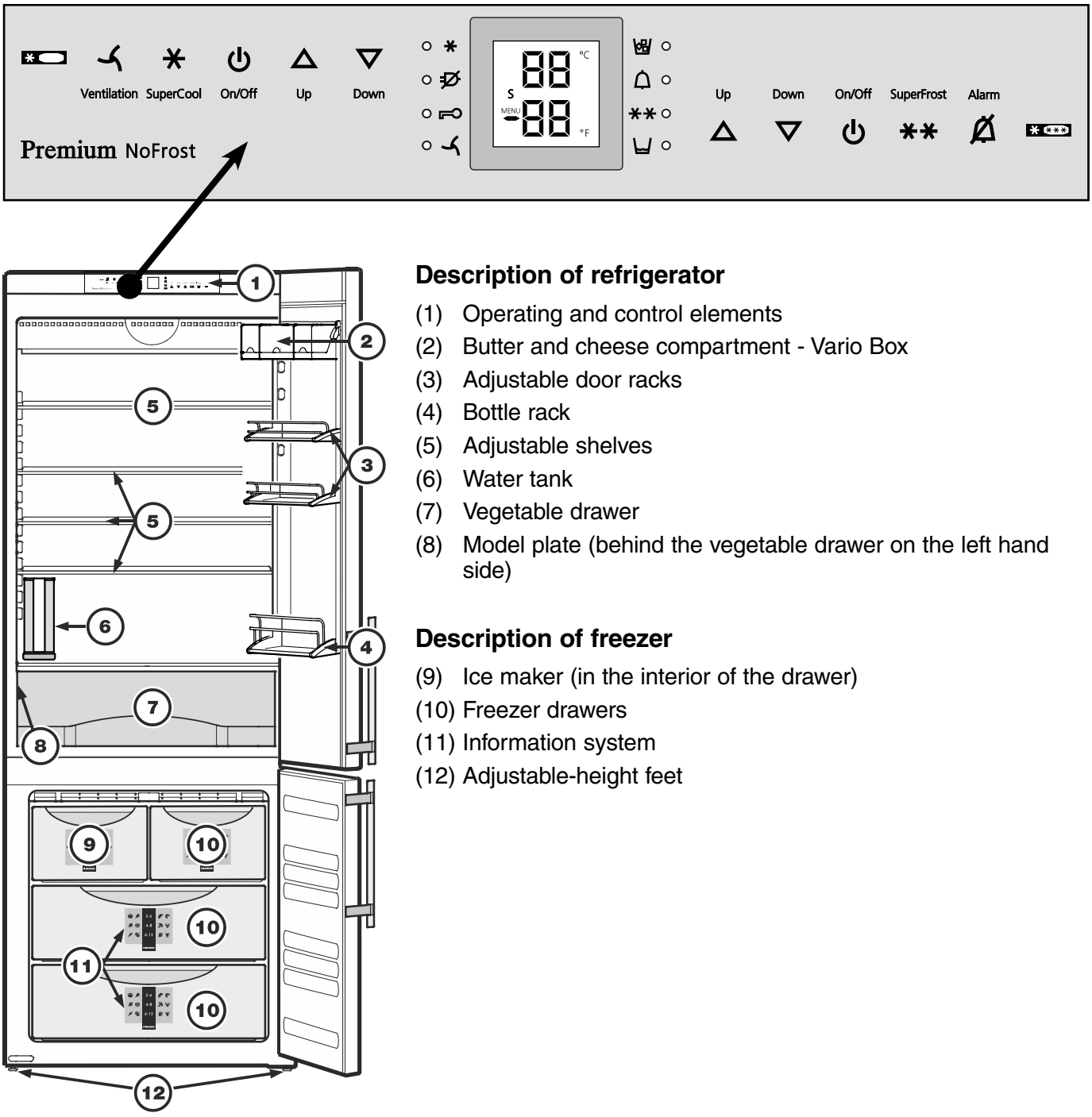


Figure 1

Description of refrigerator

(1) Operating and control elements
(2) Butter and cheese compartment - Vario Box
(3) Adjustable door racks
(4) Bottle rack
(5) Adjustable shelves
(6) Water tank
(7) Vegetable drawer
(8) Model plate (behind the vegetable drawer on the left hand side)

Description of freezer

(9) Ice maker (in the interior of the drawer)
(10) Freezer drawers
(11) Information system
(12) Adjustable-height feet

Operating and Control Elements - *Figure 2, Figure 3*

The electronic control panel uses ***touch capacitance technology***. Any function can be activated by a fingertip on the symbol of the operating icons.

The exact contact point is between the symbol and its label 

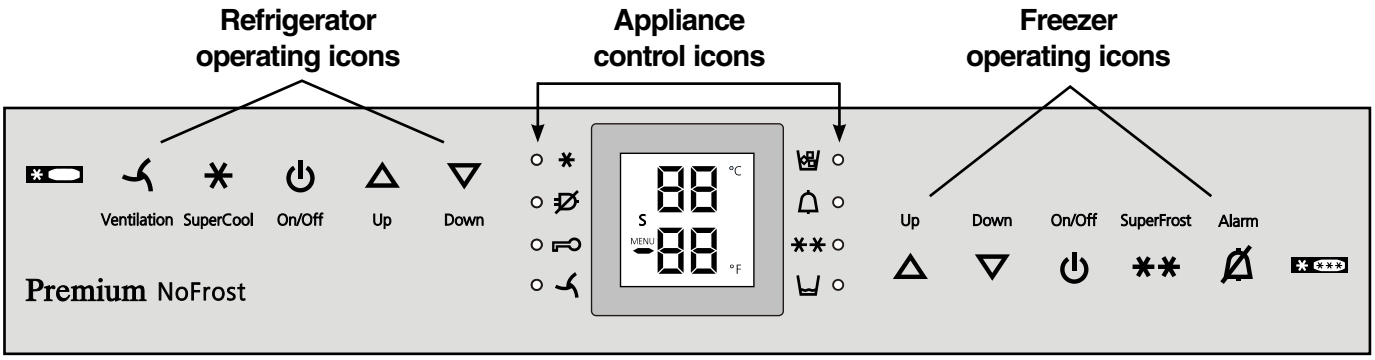


Figure 2

Refrigerator operating icons

- Ventilation (circulation) On/Off
- SuperCool
- Refrigerator On/Off
- Temperature Up control (to increase the refrigerator temperature)
- Temperature Down control (to reduce the refrigerator temperature)

Appliance control icons

- Power failure LED
- Ventilation ON LED
- SuperCool LED
- Child lock LED
- Alarm LED
- Ice maker ON LED
- Top up water tank LED
- SuperFrost LED

Freezer operating icons

- Temperature Up control (to increase the freezer temperature)
- Temperature Down control (to reduce the freezer temperature)
- Freezer On/Off
- SuperFrost
- Alarm mute (refrigerator and freezer)

Temperature and control display

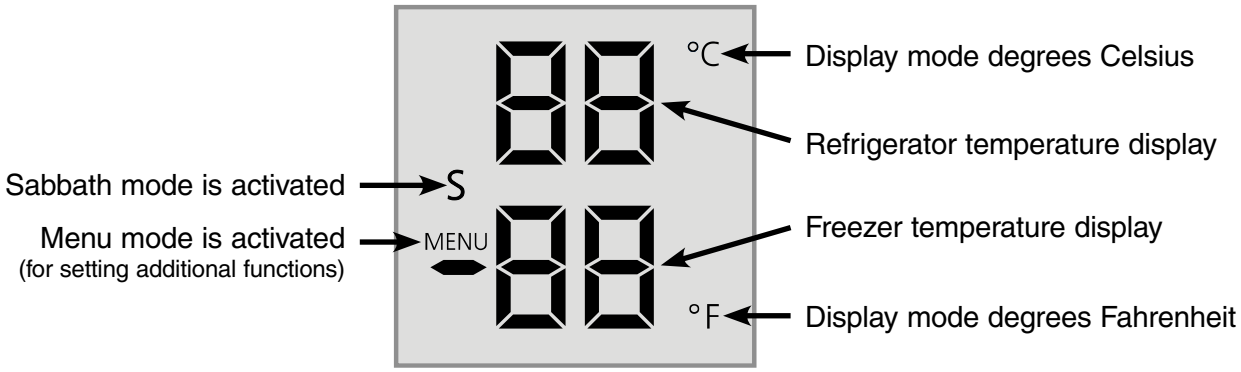


Figure 3

Operation

Turning the Appliance On and Off *- Figure 4*

Clean the appliance before turning it on for the first time. See **Cleaning**.

Do not place frozen food in the freezer until the temperature shows at least 0°F (-18°C). The refrigerator and freezer compartments can be operated separately.

1. **Turning on:**
   Touch the Refrigerator On/Off icon

   and the Freezer On/Off icon

   so the temperature displays light up.

The interior light will turn on when the refrigerator door is open.

2. **Turning off:** to turn off the refrigerator or freezer, touch the corresponding On/Off icon for approximately 3 seconds so the temperature display and interior lights go out.

Setting the Temperature *- Figure 4*

The appliance is pre-set for normal operation. We recommend temperatures of 38°F (3°C) in the refrigerator and 0°F (-18°C) in the freezer.

To reduce the temperature:

Touch the DOWN icon on the left to reduce the refrigerator temperature

and the DOWN icon on the right to reduce the freezer temperature.

To increase the temperature:

Touch the UP icon on the left to increase the refrigerator temperature

and on the right to increase the freezer temperature.

1. While you are entering the temperature, **the set temperature will flash** on the display.
2. When you touch the temperature setting icons for the first time, the most recent setting is displayed.
3. You can change the settings in increments of 1°F (1°C) by briefly touching the icons again. If the icons are held, the temperature setting will change faster.
4. Approximately five seconds after the icon has been released, the display will automatically show the actual freezing or cooling temperature.
5. You can change the temperatures:

- **in the refrigerator** – between 36°F and 44°F (2°C and 7°C) and
- **in the freezer** – between -15°F and 6°F (-26°C and -14°C).

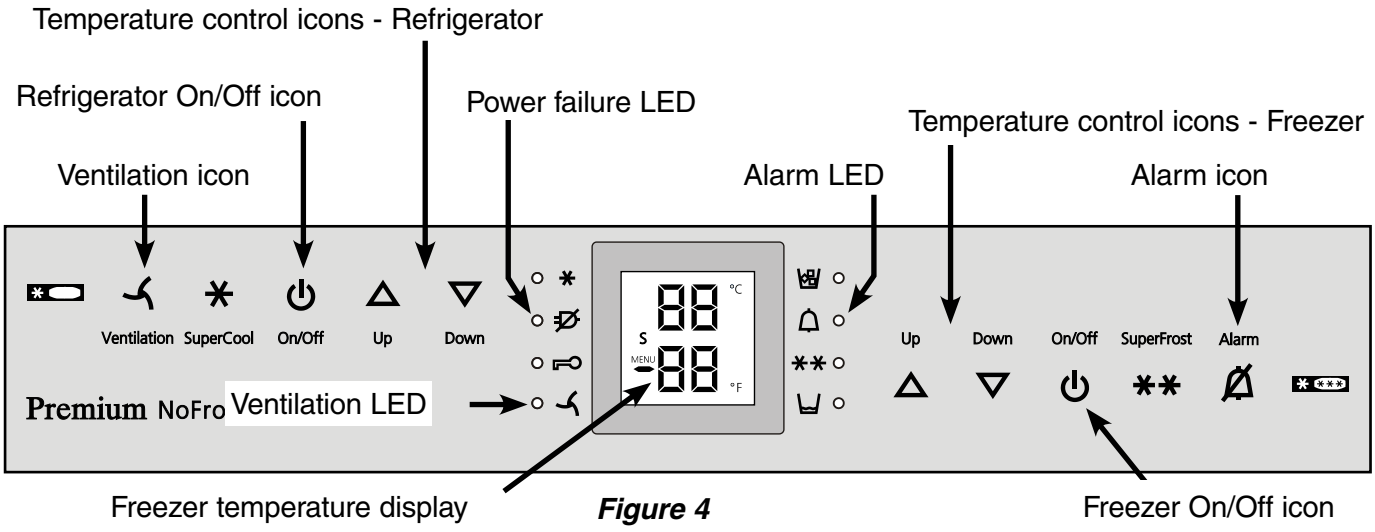


Figure 4

Temperature Display *- Figure 4*

In normal operation, the following settings will be displayed:

- the average refrigerator temperature
- the warmest frozen food temperature.

When starting up for the first time or when the appliance is warm, dashes will appear in the freezer temperature display, until the temperature in the freezer compartment is 32°F (0°C).



The display will flash:

- if you change the temperature or
- if the temperature rises by several degrees, indicating cold loss, e.g. if you place fresh, "*warm*" food in the freezer or if you remove or repack frozen food, the temperature may rise for a short time due to warm air flowing into the freezer.
- If *"F1"* to *"F5"* appears in the display, the appliance has a fault. Have the fault number available when you contact the customer service department.

Ventilation *- Figure 4*

The Ventilation switch is used for re-circulated cool air.

You can use the switch as required to:

- chill large quantities of fresh food fast.
- keep the temperature evenly distributed throughout the entire refrigerator compartment. The air will circulate more intensively, keeping all the different areas in the compartment at the same temperature and ensuring all the food inside is chilled at the same temperature.

We recommend you use the ventilation fan if:

- room temperatures are too high (approximately 95°F [35°C] or higher).
- the air humidity is high, during high heat and humidity.

Turning on: touch the Ventilation icon briefly so the LED turns on.

Turning off: touch the Ventilation icon again until the LED turns off.

Audible Alarm Signal *- Figure 4*

The audible alarm signal helps to protect frozen food and to save energy.

The audible alarm signal is switched off by touching the alarm icon.

Audible door alarm
This sounds when the door has been left open for longer than about 180 seconds. The sound switch-off function is active as long as the door is left open. The alarm automatically switches back to standby when the door is shut.

Audible/visual temperature alarm
It always sounds if the freezer temperature is not low enough. The *temperature display and the alarm LED flash* at the same time.

This can be caused by:
- warm, fresh food being placed in the freezer,
- too much warm air from the outside entering when re-arranging or removing frozen food,
- a fault in the appliance.

The temperature display will continue to *flash* until the cause of the alarm has been rectified. It will then stop flashing and light up continually. The audible warning signal is now automatically *reset*.

Power Failure/FrostControl Display *- Figure 4*

If the power failure LED is lit, this means the freezer temperature has risen too **high** during the last few hours or days due to a power failure. The freezer temperature display flashes at the same time.

- If you touch the **Alarm** icon now, the highest temperature registered during the power failure will be displayed.
- Check the quality of the food in case it has become too warm or even defrosted.
- The highest temperature will appear for approximately one minute. After that, the actual temperature in the freezer will reappear.

  The display can be turned off by touching the **Alarm** icon again.

SuperCool - *Figure 5*

Touching the SuperCool icon switches the refrigerator compartment to maximum cooling. It is recommended particularly if you wish to cool large quantities of food, drinks, freshly baked goods or meals rapidly.

- **Turning on:** touch the SuperCool icon briefly so the LED ✳ turns on. The refrigerator temperature will drop to its lowest value.

Note

The SuperCool function uses slightly more energy. After approximately six hours, however, the refrigerator switches back automatically to normal energy-saving operation. If required, the SuperCool function can be turned off sooner.

- **Turning off:** touch the SuperCool icon again until the LED ✳ turns off.

Setup Mode - *Figure 5*

In the setup mode, you can activate the following functions:

5 = Sabbath mode

h = Display brightness

o = Temperature display mode

E = Water quantity for ice cube tray

i = Ice maker vacation state

c = Child lock

How to activate the setup mode:

- Touch the **SuperFrost** icon for approximately five seconds
  - the **SuperFrost LED** ✳✳ turns on for 5 seconds
  - after 5 seconds c will flash in the display.

The appliance is in the setup mode now.

You can select the setup mode functions by touching the freezer compartment **Up/Down** icons.

Note

In the setup mode, the display will flash continuously.

Exit setup mode:

- Touch the freezer compartment **On/Off** icon. The appliance will change back to normal operation.

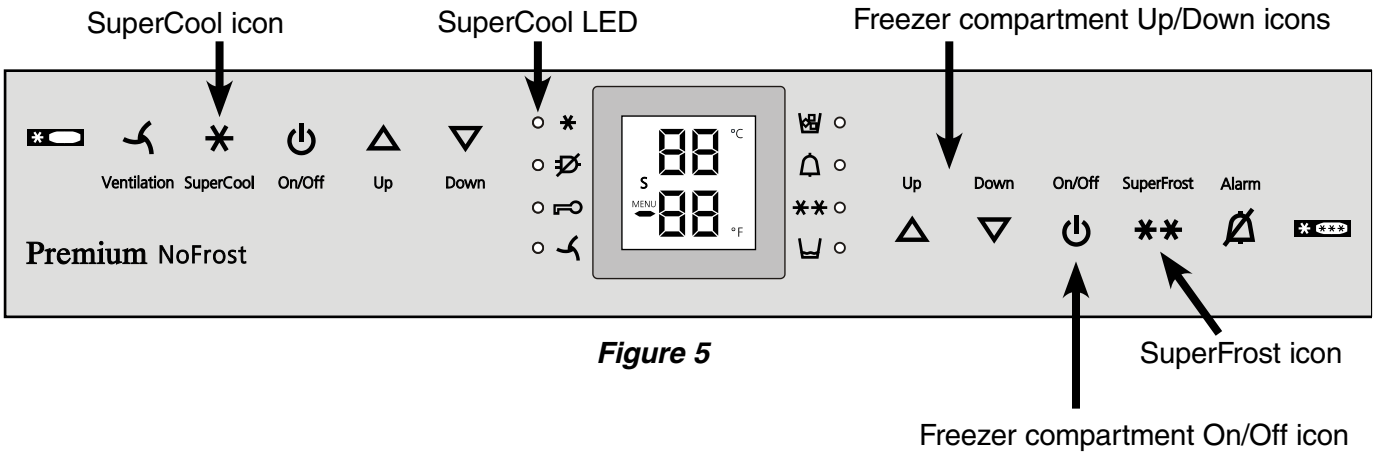


Figure 5

S = Sabbath mode

This feature considers the religious requirements on Sabbath or Holidays. When the Sabbath mode is active, some functions of the electronic controls are switched off.

The door can be opened and closed at any time.

- The lighting remains off.
- The cooling fan remains in its actual state: If it is on, it remains on; if it is off, it remains off.
- There is no door alarm.
- There is no temperature alarm.
- Defrost cycles are independent of the number of times and length of door openings.
- The unit will return into Sabbath mode after a power failure.

How to activate the Sabbath mode

- Activate the setup mode by touching the **SuperFrost** icon for 5 seconds.
  - the display shows S
- Touch the **SuperFrost** icon
  - the display shows → 
- Touch the **SuperFrost** icon again
  - the display shows → 
  - the Sabbath mode is activated.
- Exit setup mode by touching the freezer compartment **On/Off** icon.

Sabbath mode switches off automatically after 120 hours if it is not manually switched off beforehand.

How to deactivate the Sabbath mode

- Activate the setup mode by touching the **SuperFrost** icon for 5 seconds.
  - the display shows S
- Touch the **SuperFrost** icon
  - the display shows → 
- Touch the **SuperFrost** icon again
  - the S symbol → 
    in the display disappears, the Sabbath mode is deactivated.
- Exit setup mode by touching the freezer compartment **On/Off** icon.

h = Display brightness

How to adjust the display brightness

- Activate the setup mode by touching the **SuperFrost** icon for 5 seconds.
- Touch the **freezer compartment Down** icon until h appears in the freezer temperature display.
- Touch the **SuperFrost** icon
  - the display shows → 
- Touch the **freezer compartment Up/Down** icons to select
  h 0 = minimum to
  h 5 = maximum brightness
- Touch the **SuperFrost** icon at the desired value.
- Exit setup mode by touching the freezer compartment **On/Off** icon.

° = Temperature display mode

You can choose the **unit of temperature** for the display in degrees Fahrenheit or degrees Celsius.

Note

The factory setting is degrees Fahrenheit.

How to change the temperature display to degrees Celsius

- Activate the setup mode by touching the **SuperFrost** icon for 5 seconds.
- Touch the **freezer compartment Down** icon until ° appears in the freezer temperature display.
- Touch the **SuperFrost** icon
  - the display shows → 
- Touch the **SuperFrost** icon again
  - the temperature reading is now displayed in degree Celsius.
- Exit setup mode by touching the freezer compartment **On/Off** icon.

Note

To change the temperature display back to degrees Fahrenheit, follow the steps above.

Setup Mode - *Figure 6*

E = Water quantity for ice cube tray

If the produced ice cubes of the ice maker are too small, the inflowing water quantity can be adjusted.

How to adjust the water quantity

- Activate the setup mode by touching the **SuperFrost** icon for 5 seconds.
- Touch the **freezer compartment Down** icon until E appears in the freezer temperature display.
- Touch the **SuperFrost** icon
  - the display shows → 
- Touch the **freezer compartment Up** icon once only so E 4 appears in the display.

IMPORTANT

Do not increase for more than one step. If the adjusted value is too high, the ice cube tray of the ice maker could overflow.

- Touch the **SuperFrost** icon again.
- Exit setup mode by touching the freezer compartment **On/Off** icon.

Check the ice cube size within the next days. If the ice cubes are still smaller than desired, follow the steps above again.

c = Child lock

The child lock is designed to protect the appliance from being turned off accidentally.

How to activate the child lock

- Activate the setup mode by touching the **SuperFrost** icon for 5 seconds.
- Touch the **freezer compartment Down** icon until c appears in the freezer temperature display.
- Touch the **SuperFrost** icon
  - the display shows → 
- Touch the **SuperFrost** icon again
  - the LED is lit and the child lock is activated.
- Exit setup mode by touching the freezer compartment **On/Off** icon.

How to deactivate the child lock

- Activate the setup mode by touching the **SuperFrost** icon for 5 seconds.
- Touch the **freezer compartment Down** icon until c appears in the freezer temperature display.
- Touch the **SuperFrost** icon
  - the display shows → 
- Touch the **SuperFrost** icon again
  - the LED goes out. The child lock is deactivated.
- Exit setup mode by touching the freezer compartment **On/Off** icon.

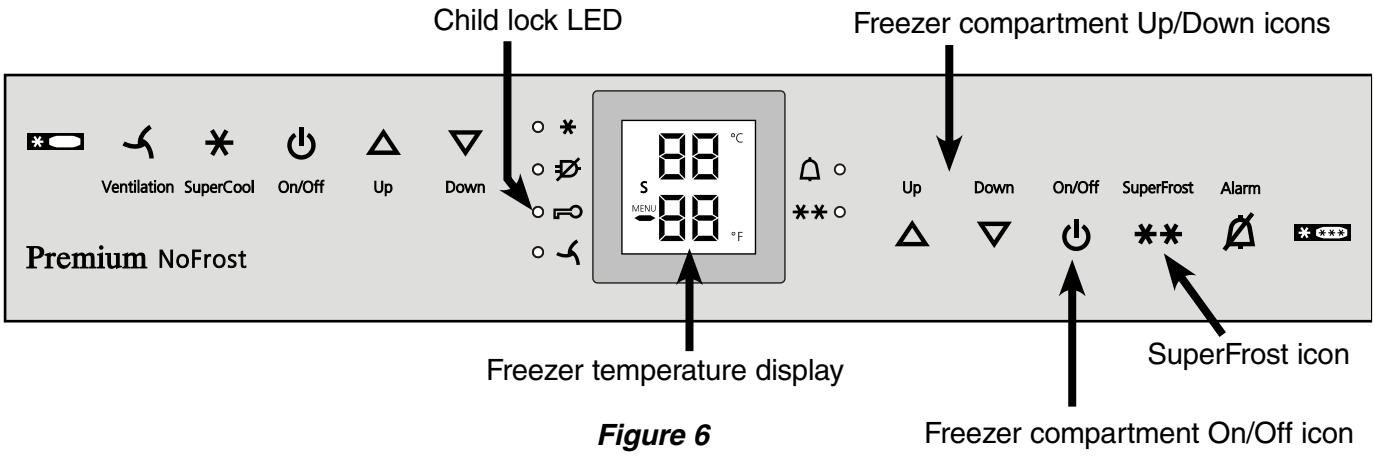


Figure 6

Arranging Food - *Figure 7*

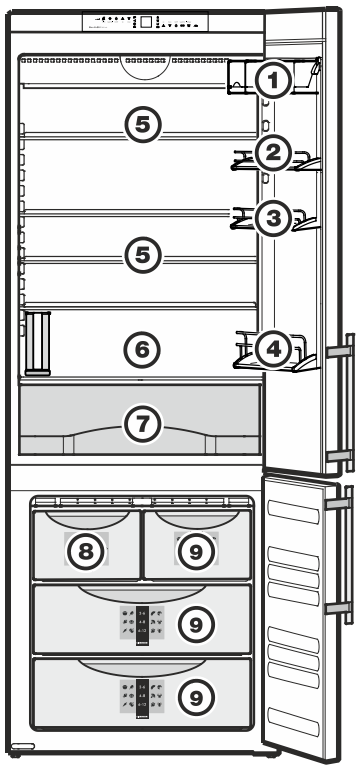


Figure 7

(1) Butter, cheese
(2) Eggs
(3) Cans, drinks
(4) Bottles
(5) Meat and sausage products, dairy products
(6) Baked goods, pre-cooked meals
(7) Fruit, vegetables, salad
(8) Ice cubes
(9) Frozen food

IMPORTANT

- *Liquids and food which give off or absorb odors and flavors should always be stored covered or in closed containers.*
- *High-percentage alcohols should be tightly sealed and stored upright.*
- *Fruit, vegetables and salad can be stored unpacked in the bin (7).*

Equipment

⚠ CAUTION!

To avoid possible injury, only adjust an empty shelf or door rack. Do not attempt to adjust a shelf or door rack with food on it.

You can rearrange the height of the shelves and door racks as required.

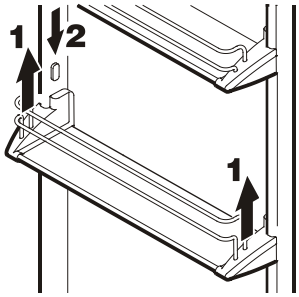


Figure 8

Repositioning the door racks - *Figure 8*

Slide the door rack up, pull out toward you and replace in reverse order.

Vario Box - *Figure 9*

The boxes can be removed and placed on the table as a single unit.

Repositioning the boxes: Lift them for removal and re-position them as required.

The box support bar can be removed by lifting upwards and inserted in another position (e.g. swapped with a door rack).

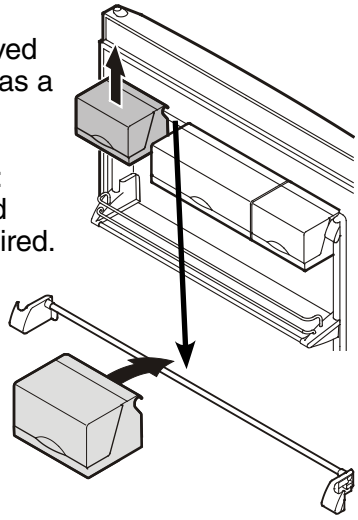


Figure 9

Important! Box lids must be shut when you close the door - risk of damage.

Refrigerator Compartment

Repositioning the shelves - *Figure 10*

1. Hold the shelf underneath with your hand to avoid from tipping down backwards when removing.
2. Lift the shelf at the front.
3. Remove the shelf forward until the circular cutout of the shelf is in line with the front supports.
4. Lift the shelf up or down and replace in the desired position.

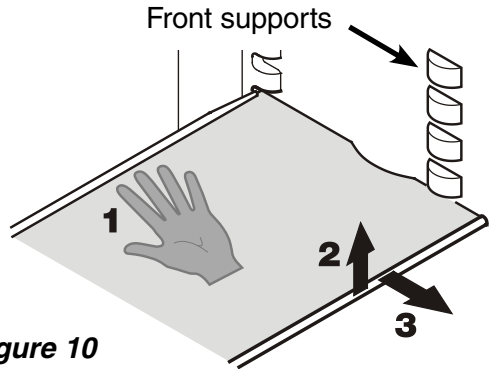


Figure 10

Removing the shelves - *Figure 11*

1. Follow the first three steps in the chapter above.
2. Lift the shelf down and stop just over the upper vegetable bin.
3. Move the front of the shelf upwards until the shelf is in a vertical position.
4. Turn the shelf out at left and remove.

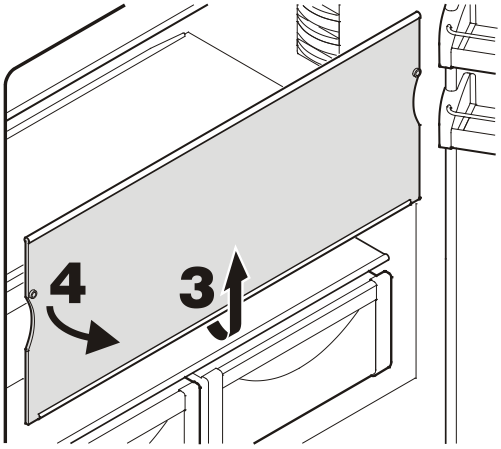


Figure 11

If you need space for large bottles and containers

Place the shelf rails provided on the supports on the left and right at the desired height ***- Figure 12***.

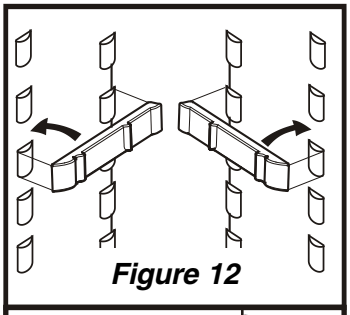


Figure 12

Insert the glass shelves as shown in fig. **13**. The glass shelf with the raised edge must go at the back.

If you need to make space for tall containers, simply slide the **front half** of the sectioned glass shelf carefully underneath the back half ***- Figure 13***.

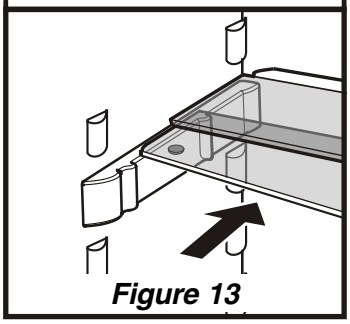


Figure 13

To remove the vegetable drawer

Pull the drawer straight out, grip at the back and lift out ***- Figure 14***.

To install the vegetable drawer

Place the drawer on the rails. The rails must be fully extended and aligned with the front of the drawer. Slide the drawer in.

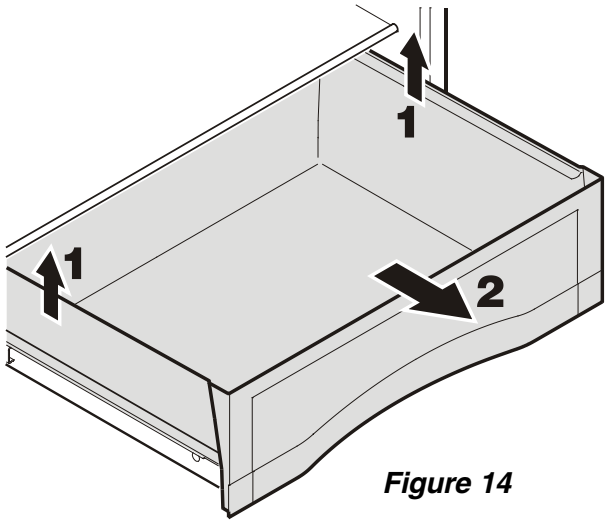


Figure 14

Interior Light

This turns off automatically after the door has been opened for approximately 15 minutes.

If it does not turn on when the door is opened briefly, but the temperature display is working, the lamp(s) may be defective.

The light is located behind the cover located at the top of the refrigerator compartment and has two lamps.

IMPORTANT

Only original LED lamps from the appliance manufacturer may be used.

The lamp can be purchased from the customer service department or specialist dealers.

⚠ WARNING!

When using LED lamps made by other manufacturers, there is a risk of overheating or fire.

Replacing the lamp:

⚠ WARNING!

To prevent possible injury due to an electrical shock, be sure to disconnect the power cord or turn off the circuit breaker before replacing the lamp(s).

⚠ CAUTION!

To prevent possible injury due to broken glass, use hand protection when replacing the lamp(s).

1. Unlatch carefully the cover at left, middle and right using a screwdriver - ***Fig. 15***.

   Remove the cover.

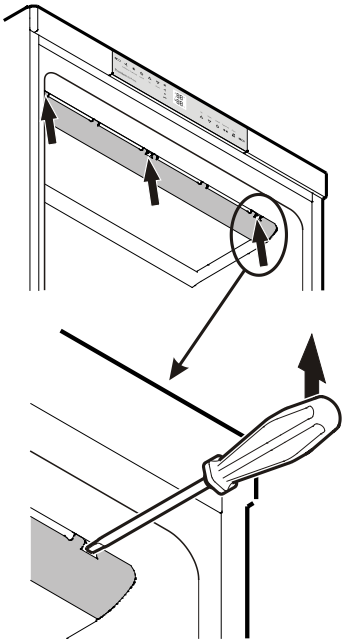


Figure 15

2. Remove the glass plate - ***Fig. 16***.

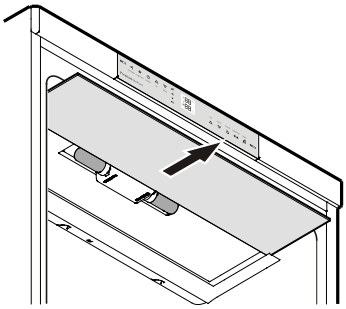


Figure 16

3. Remove the defective lamp. Make sure the seal ***(Fig. 17)*** is placed on the new lamp before installing it.

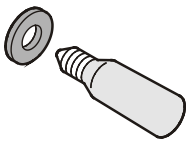


Figure 17

4. Install glass plate and cover.

IMPORTANT

The glass plate must be inserted to the back completely, otherwise it is not possible to click the cover into place correctly.

Freezer Compartment

Freezing

Fresh food should be frozen completely and as rapidly as possible. This is provided by the SuperFrost feature and ensures that the nutritional value, appearance and flavor of the food remains intact.

Information System *- Figure 18*

Use frozen food within the recommended period. The numbers between the symbols indicate the storage period in months for different kinds of frozen foods. Storage times given are guidelines for food frozen at home. Whether or not the lower or upper value is applicable depends on the food quality and how it was processed prior to freezing. The lower values always apply to food with a high fat content.

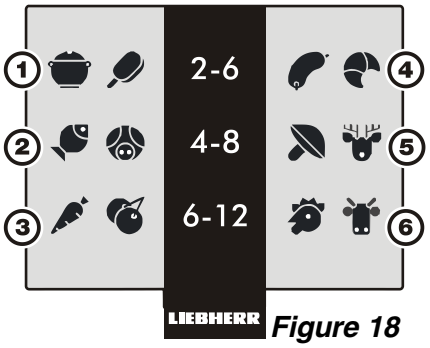


Figure 18

(1) Pre-cooked meals, ice cream
(2) Fish, pork
(3) Vegetables, fruit
(4) Sausages, bread
(5) Mushrooms, game
(6) Poultry, beef

Freezing with SuperFrost *- Figure 19*

- Touch the **SuperFrost** icon briefly so the LED ✱✱ turns on.
- Wait 24 hours.
- Then place the fresh food inside the freezer.
- The SuperFrost function turns off automatically. Depending on the quantity of food placed in the freezer, this will normally be between 30 and a maximum 65 hours.

  The freezing process is now complete; the SuperFrost LED ✱✱ will turn off and the freezer will change back to normal energy-saving operation.

IMPORTANT

You should not turn on the SuperFrost function:

- *when placing frozen food in the freezer;*
- *when freezing up to approximately 4-1/2 lbs (2 kg) fresh food daily.*

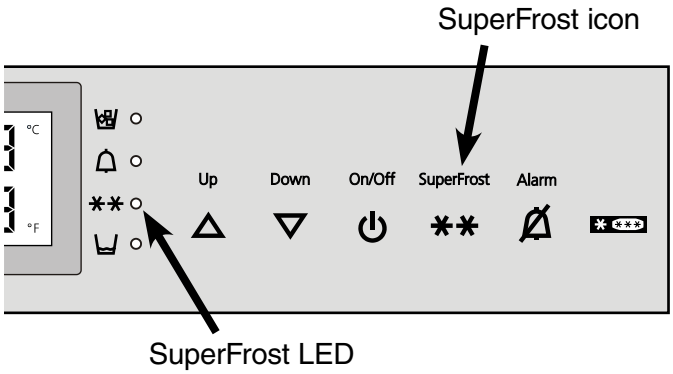


Figure 19

Freezing and Storage

- Pack frozen food in standard freezer bags or reusable plastic, metal or aluminum containers.
- Do not allow fresh food which is to be frozen to come into contact with food already frozen. Always keep packages dry in order to avoid them sticking together.
- Always write the date and contents on the package and do not exceed the stated storage time for the food. This prevents spoiling.
- Pack food which you are freezing yourself in quantities right for your household. To ensure the food freezes right through quickly, the following quantities should not be exceeded per package:
  - fruit, vegetables: up to 2-1/4 lbs (1 kg);
  - meat: up to 5-1/2 lbs (2.5 kg).
- Do not freeze bottles and cans which contain carbonated drinks as they might burst. Drinks can be cooled down quickly, but take the bottles out of the freezer compartment after an hour at the most.
- Only take out as much food as needed for thawing. Cook food which has been thawed as quickly as possible. Frozen food can be thawed in the following ways:
  - in a microwave oven
  - in the refrigerator: the safer way to thaw food because there is less chance of bacteria growth. Use this method for high density food such as roasts or poultry.

Safety Instructions and Warnings for the Automatic Ice Maker

- The ice maker is designed exclusively to make ice cubes in quantities needed by a household.
- All repairs and work on the ice maker may only be done by customer service personnel or other appropriately trained personnel.
- **Do not consume or use the first three batches of ice. This applies both to using the appliance for the first time and also using it after it has not been used for a long period of time.**
- **The manufacturer cannot accept liability for damage caused by equipment or water lines between the solenoid valve and the water supply.**
- The ice maker will only work if the combined refrigerator-freezer is connected to the electrical outlet. It will only make ice cubes if the freezer compartment is operating.
- The ice maker can only make ice cubes if the drawer is completely closed.

Making Ice Cubes

The ice maker is in the top left drawer in the freezer compartment of the combined refrigerator-freezer. You can identify this drawer by its labeling **IceMaker**.

Ice Maker

Filling the Water Tank

Use only filtered, de-carbonated water to fill the water tank.

The use of filtered, de-carbonated water ensures the supply of drinking water with top quality flavor for problem-free ice cube production.

You can achieve this water quality by using a table-top water filter available from specialist shops.

IMPORTANT

Do not fill with any kind of alcoholic drinks or sugary liquids. This will damage the ice maker.

1. Pull out the water tank forwards ***(Figure 20)***.

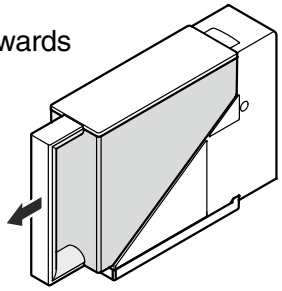


Figure 20

2. Remove cover and fill tank with water ***(Figure 21)***.

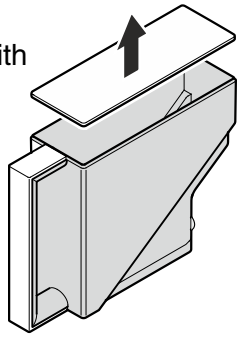


Figure 21

3. Reinsert the water tank and slide into the holder as far as it will go ***(Figure 22)***.

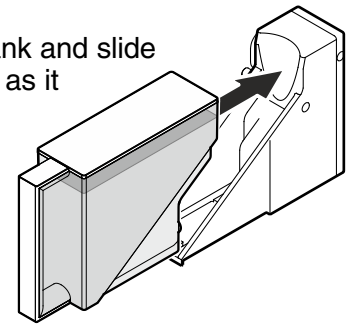


Figure 22

IMPORTANT

If the water tank has not been slid right to the back, no ice cubes will be produced.

To Start the Ice Maker

To turn the ice maker on

- Pull out the drawer.
- Press the **On/Off** button so the Ice Maker LED comes on ***(Figure 23)***.
- Close the drawer.

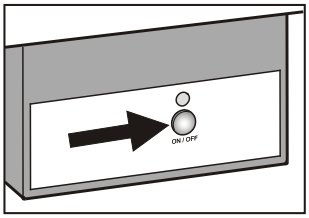


Figure 23

After you start the ice maker for the first time, it may take up to 24 hours before the first ice cubes are ready.

Note

The first three batches of ice must not be consumed or used.

The production capacity is 90 - 100 ice cubes in 24 hours at a temperature of 0°F (-18°C) inside the freezer compartment.

To have the maximum capacity of approx. 140 ice cubes in 24 hours, activate the SuperFrost function.

Be aware that this increases the energy consumption because the compressor will run constantly.

The ice cubes fall out of the ice maker into the drawer. When the ice reaches a certain level in the drawer, the appliance stops producing ice automatically. The ice maker will not fill the drawer to the top.

If you need a large quantity of ice, you can change out the drawer to the right with the complete **IceMaker** drawer.

To turn the ice maker off

If you do not need any ice cubes, the ice maker can be turned off independently of the freezer compartment.

- Press the **On/Off** button for approximately 1 second so the control lamp goes out.

Note

If the ice maker is turned off, the empty drawer can also be used to freeze and store food.

Top up water tank LED - *Figure 25*

The LED lights up when the water tank needs topping up.

Ice Maker at Vacations

In case of longer vacations, the ice maker tray (arrow in ***Figure 24***) should be emptied.

By setting the ice maker into the vacation state, the tray will rotate down and no water remains in the tray.

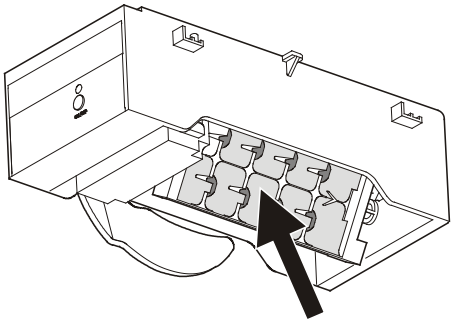


Figure 24

The freezer door must be left open, so the surface of the tray dries up and no mold or unpleasant odors can occur.

How to activate the Ice Maker Vacation State - *Figure 25*

Be sure the drawer is completely closed ***(Figure 20)***.

1. Activate the setup mode by touching the **SuperFrost** icon for 5 seconds.
2. Touch the **freezer compartment Down** icon until appears in the freezer temperature display.
3. Touch the **SuperFrost** icon

   - the display shows →  or 

   depending on whether the ice maker is turned on or off.
4. Touch the **freezer compartment Down** icon

   - the display shows → 
5. Touch the **SuperFrost** icon
   - the digit flashes.

The ice maker tray rotates down.

When the interior temperature appears in the display, the tray is in the down position ***(Figure 24)*** and the ice maker is turned off automatically.

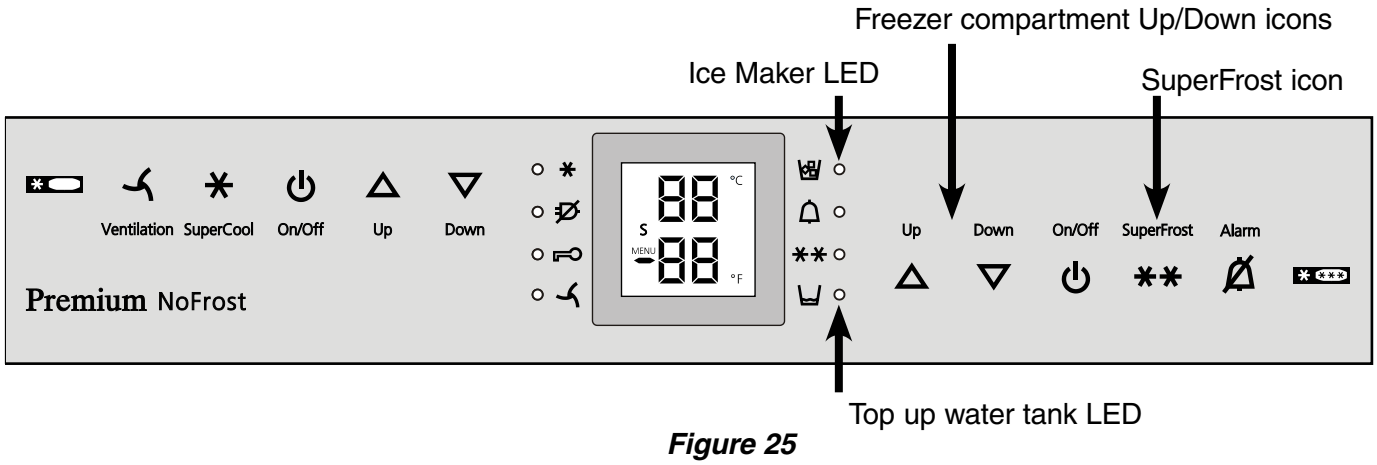


Figure 25

Cleaning

⚠ WARNING!

- **To prevent possible injury due to an electrical shock, be sure to disconnect the power cord or turn off the circuit breaker before cleaning the appliance.**
- **To avoid injury or damage, do not use steam cleaning equipment to clean the appliance.**
- **To avoid short-circuits, ensure no cleaning water penetrates into the electrical components when cleaning the appliance. Do not use a sponge or cloth that is overly wet.**

- Clean the side panels and door surfaces with a clean and soft cloth. If necessary, use a moist cloth (water + detergent). Alternatively, use a microfiber cloth.

Do not use abrasive or scouring sponges. **Do not** use concentrated cleaning agents. **NEVER** use abrasive or acid cleaners or chemical solvents.

- Remove all food from the refrigerator and freezer compartments and store in a cool place temporarily. Store frozen food in other freezers if available.
- Remove the door racks as shown in ***Figure 8, 9***.
- Remove glass shelves as shown in ***Figure 11***.
- Remove vegetable drawers.
- Clean the equipment parts by hand with lukewarm water and dishwasher detergent.

⚠ CAUTION!

Do not clean the equipment parts in a dishwasher. Strips of these parts could get loose.

- Clean the refrigerator and freezer drawers' interior with lukewarm water and dishwasher detergent.

- Clean the drain opening.

  Remove deposits using a thin instrument, e. g. a cotton bud ***(Figure 26)***.

IMPORTANT
Water will overflow into the refrigerator compartment if the drain becomes plugged.

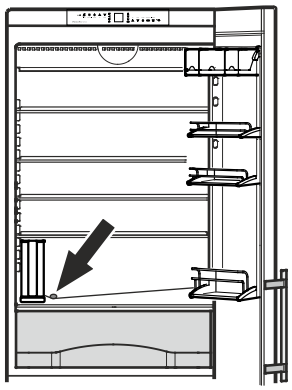


Figure 26

- Dry all parts well with a cloth.
- **Do not** damage or remove the model plate on the inside of the appliance. It is very important for servicing your appliance.

- To empty the water collecting tray: remove the water tank. Carefully disengage the tray forwards and then lower for removal ***(Figure 27)***.

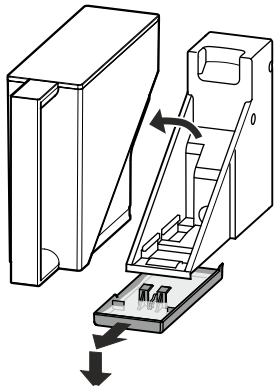


Figure 27

Defrosting

Refrigerator compartment

The refrigerator compartment defrosts automatically. The water that forms on the rear wall drains into a reservoir at the back of the appliance and evaporates automatically through the compressor heat.

Freezer compartment

The NoFrost system automatically defrosts the freezer compartment. Any moisture will collect on the evaporator and freeze. It will periodically defrost and evaporate.

Vacation Tips

Short vacations

It is not necessary to turn off the refrigerator and freezer if you will be away for less than four weeks.

- Use all perishables.
- Freeze other items.
- Turn off the ice maker.
- Empty the water tank.

Long vacations

If you will be away for a month or more:

- Set the ice maker to the vacation state. Refer to chapter “Ice Maker at Vacations” - page 19.
- Remove all food from the refrigerator and freezer compartments.
- Turn off the refrigerator and freezer compartments.
- Clean the appliance. Refer to **Cleaning**.
- Leave the door open to prevent unpleasant odors. This will also keep mold from building up.
- Empty the water tank.

Troubleshooting

If a problem occurs during operation, check whether it is due to an operating error.

Please note that even during the warranty period, some repair costs may be your responsibility.
You may be able to correct the following faults by checking the possible causes yourself:

Problem	Possible Cause and Remedy
Appliance does not work, display is off	- Is the appliance turned on properly? - Is the power cord properly inserted in the outlet? - Is the circuit breaker or fuse in operating condition?
The interior light does not come on	- Is the refrigerator compartment turned on? - Has the door been open for more than 15 minutes?
Loud running noise	- Is the appliance standing firmly on the floor, or does the compressor cause nearby items of furniture or objects to vibrate? If necessary, move the appliance slightly, align by adjusting the adjustable feet, or adjust bottles and containers.
Motor seems to run too long	- Is the ambient temperature too hot? See **Safety Regulations**. - Has the appliance been opened too often or left open too long? - A large amount of food has been added. - Unit is in SuperCool mode. Verify unit is in normal operation mode.
The temperature is not cold enough	- Is the temperature setting correct? See **Setting the Temperature**. - Has an excessive amount of fresh food been placed in the appliance? - Does a separately installed thermometer show the correct reading? - Is the ventilation system working properly? - Is the appliance set up too close to a heat source?
Freezer temperature display shows two dashes - -	The freezer temperature display will only show temperatures that are below freezing. When initially starting the freezer, it will not be below freezing. It will take three to five hours (depending on ambient conditions) for freezing temperatures to be achieved and thus displayed numerically. This may also occur after a power failure.
Ice or water drops appear on the rear wall in the interior of the refrigerator compartment	This is completely normal. During the cooling process, the humidity in the refrigerator compartment will condense on the rear wall and freeze. During the compressor idle period, the ice layer will defrost. The condensate on the rear wall drains through the defrost water drain for evaporation.

Ice Maker Troubleshooting

You may be able to correct the following faults yourself:

Problem	Possible Cause and Remedy
Ice maker cannot be turned on.	Is the combined refrigerator-freezer connected to the electrical outlet?
Ice maker is not making any ice.	- Is the ice maker turned on? - Is the IceMaker drawer closed properly? - Is there enough water in the water tank? - Has the water tank been inserted correctly?
The control lamp above the ON/OFF button flashes.	- Is there enough water in the water tank? - Has the water tank been inserted correctly?

Customer Service *- Figure 28*

If none of the above causes apply and you cannot correct the fault yourself, this means there is a fault. Please contact your nearest customer service department (see enclosed list for addresses).

Give the **fault number displayed**, together with the
Type Designation ①,
Service Number ② and
Appliance / Serial Number ③

as given on the model plate, to ensure prompt, accurate servicing. The model plate is located inside the appliance on the left-hand side.

Leave the appliance closed until the customer service engineer arrives to prevent any further cold loss.

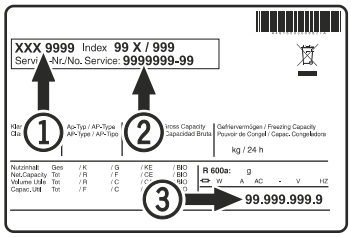


Figure 28

Appliance Information

Record this information when the appliance is installed.

Type Designation: _____

Service Number: _____

Appliance / Serial Number: _____

Date of Purchase: _____

Where Purchased:_____

Warranty

LIEBHERR WARRANTY PLAN

FULL TWO YEAR WARRANTY
For two years from the date of original purchase, your Liebherr warranty covers all parts and labor to repair or replace any part of the product which proves to be defective in materials or workmanship.

FULL FIVE YEAR WARRANTY
For five years from the date of original purchase, your Liebherr warranty covers all parts and labor to repair or replace any components that prove to be defective in materials or workmanship in the sealed system. The “Sealed System” means only the compressor, condenser, evaporator, drier and all connecting tubing.

LIMITED 6TH THROUGH 12TH YEAR WARRANTY
From the 6th through 12th year from the date of original purchase, your Liebherr warranty covers all parts that prove to be defective in materials or workmanship in the Sealed System (parts only).

TERMS APPLICABLE TO EACH WARRANTY
All service provided by Liebherr under the warranty must be performed by authorized Liebherr service representatives, unless otherwise specified by Liebherr. Service will be provided in the home during normal business hours. This warranty applies only to products installed for normal residential use. Details regarding a non-residential warranty are available on request.

The warranty applies only to products installed in Canada and any one of the fifty states of the United States or the District of Columbia.This warranty does not cover any parts or labor to correct any defect caused by negligence, accident or improper use, maintenance, installation, service or repair, including but not limited to improper removal and reinstallation of the condensing unit.

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