

- Please carefully read the operation instructions before powering on, and keep them safe.
- Product specifications subject to change without notice.



The Creative Life

Frost Free Refrigerator  
Operating Instructions

**P220TMW**  
**P220TMS**  
**P220TMB**



## Technical detail

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Climate type: T

Electric shock resistance: |

Rated voltage: 220-240V~

Rated frequency: 50Hz

Rated current: 1.1A

Refrigerant and charge amount:R600a,44g

Foam materials:Cyclopentane

Total Volume: 197L

Noise Volume: 43dB(A)

Group: 5T

App. No. : SGS-190171-EA

# Contents

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Congratulations on purchasing this TCL refrigerator. We hereby express our thanks.

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## Safety information

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
2. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
3. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
4. **WARNING:** Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
5. **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
6. **WARNING:** Do not damage the refrigerant circuit.
7. **WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
8. **D**o not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
9. This appliance is intended to be used in household and similar applications such as
  - Staff kitchen areas in shops, offices and other working environments;
  - Farm houses and by clients in hotels, motels and other residential type environments;
  - Bed and breakfast type environments;
  - Catering and similar non-retail applications.

## Safety information

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In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.

For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

### Children and vulnerable people safety







- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised.
- Keep all packaging well away from children. There is risk of suffocation.
- If you are discarding the appliance pull the plug out of the socket, cut the connection cable (as close to the appliance as you can) and remove the door to prevent playing children to suffer electric shock or to close themselves into it.
- If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on the door or lid, be sure to make that spring lock unusable before you discard the old appliance. This will prevent it from becoming a death trap for a child.

### General safety

-  **WARNING!** Keep ventilation openings, in 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.

## Safety information

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-  **WARNING!** Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
  - The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.
  - During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.
    - In case of leakage of any flammable gas such as natural gas, it is necessary to close the leaking valve first and the open windows for ventilation. Do not unplug the refrigerator connector immediately to prevent the risk of fire of explosion due to an electric spark.
    - It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short circuit, fire and/ or electric shock.
  - This appliance is intended to be used in household and similar applications such as
    - staff kitchen areas in shops, offices and other working environments;
    - farm houses and by clients in hotels, motels and other residential type environments;
    - bed and breakfast type environments;
    - catering and similar non-retail applications.
-  **WARNING!** All servicing must be carried out by an authorised service agent in order to not void the warranty.
-  **WARNING!** Please check the power cord regularly, if the power cord is damaged it must be replaced by the manufacturer, its service agent or similarly qualified person
-  **WARNING!**  Risk of fire/flammable materials
-  **WARNING!** Do not place multiple portable socket outlets (power boards) or power supplies at the rear of the appliance.

## Safety information

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- Power cord must not be lengthened.
- **⚠️WARNING!** When positioning the appliance ensure the supply cord is not trapped or damaged. A squashed or damaged power plug may overheat and cause a fire.
- Make sure that you have easy access to the mains plug of the appliance.
- Do not pull the mains cable.
- If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.
- This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Avoid prolonged exposure of the appliance to direct sunlight.

### Daily use

- Do not put hot items on the plastic parts in the appliance.
- Do not place food products directly against the rear wall.
- Frozen food must not be re-frozen once it has been thawed out.<sup>1)</sup>
- Store pre-packed frozen food in accordance with the frozen food manufacturer's instructions.<sup>1)</sup>
- Appliance's manufacturer's storage recommendations should be strictly adhered to. Refer to relevant instructions.
- Do not place carbonated or fizzy drinks in the freezer compartment as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.<sup>1)</sup>
- Ice lollies can cause frost burns if consumed straight from the appliance.

### Care and cleaning

- Before maintenance, switch off the appliance and disconnect the mains plug from the mains socket.
- Do not clean the appliance with metal objects.
- Do not use sharp objects to remove frost from the appliance. Use a plastic scraper.<sup>1)</sup>
- Regularly examine the drain in the refrigerator for defrosted water. If necessary, clean the drain. If the drain is blocked, water will collect in the bottom of the appliance.<sup>2)</sup>

<sup>1)</sup> If there is a freezer compartment.

<sup>2)</sup> If there is a fresh-food storage



## Safety information

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### Installation

**Important!** For electrical connection carefully follow the instructions given in specific paragraphs.

- Unpack the appliance and check if there are damages on it. Do not connect the appliance if it is damaged. Report possible damages immediately to the place you bought it. In that case retain packing.
- It is advisable to wait at least four hours before connecting the appliance to allow the oil to flow back in the compressor.
- Adequate air circulation should be around the appliance, lacking this leads to overheating. To achieve sufficient ventilation follow the instructions relevant to installation.
- Wherever possible the spacers of the product should be against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burn.
- The appliance must not be located close to radiators or cookers.
- Make sure that the mains plug is accessible after the installation of the appliance.

### Service

- Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Center, and only genuine spare parts must be used. Please refer to the warranty card for further information.
- In Queensland Australia the Authorized Service Provider MUST hold a Gas Work Authorization for hydrocarbon refrigerants to carry out servicing or repairs which involve the removal of covers.

### Energy saving



- Don't put hot food in the appliance;
- Don't pack food close together as this prevents air circulating;
- Make sure food don't touch the back of the compartment(s);
- If electricity goes off, don't open the door(s);
- Don't open the door(s) frequently;
- Don't keep the door(s) open for too long time;
- Don't set the thermostat on exceeding cold temperatures;
- Some accessories, such as drawers, can be removed to get larger storage volume and lower energy consumption.




## Safety information

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### Environment Protection

 This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases: the appliance shall be disposed according to the appliance regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially the heat exchanger. The materials used on this appliance marked by the symbol  are recyclable.

 The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

### Packaging materials

The materials with the symbol are recyclable. Dispose the packaging in a suitable collection containers to recycle it.

### Disposal of the appliance

1. Disconnect the mains plug from the mains socket.
2. Cut off the mains cable and discard it.
3. Remove doors so not to entrap small children

### WARNING: RISK OF CHILD ENTRAPMENT

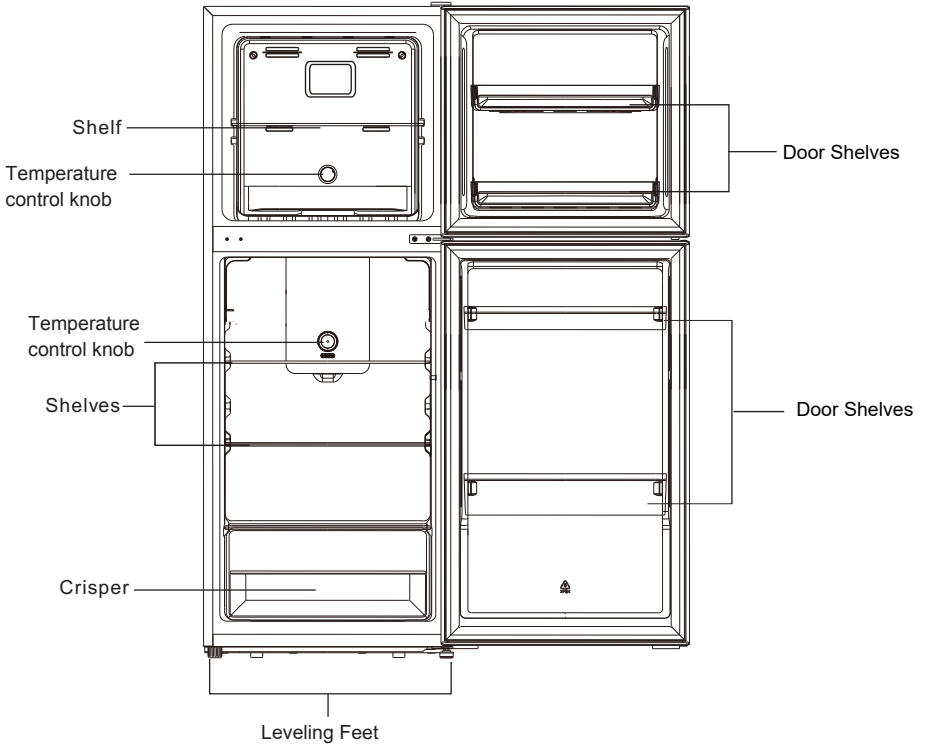
Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigeration products are still dangerous- even if they sit for a "just a few days". If you are getting rid of your old appliance, please follow the below instructions to help prevent accidents.

Before You Throw Away Your Old Refrigeration Product:

- Take off the doors
- Leave the shelves in place so that children may not easily come inside.

# Overview

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Note: Above picture is for reference only. Product specifications subject to change

# Door Reversal

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Before reversing the door, please prepare the following tools: Flat Head screwdriver, Philips Head screwdriver, spanner, and components included in the poly bag:

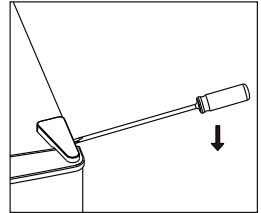
Upper door left aid stopper x1



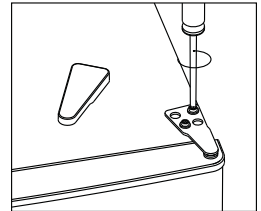
Lower door left aid stopper x1



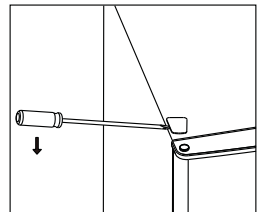
1. Carefully remove the top hinge cover with a flat head screw driver.



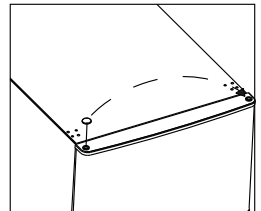
2. Unscrew the top hinge with a Philips head screw driver.



3. Remove the hole cover with a flat head screw driver.

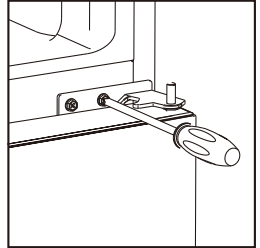


4. Move the core cover from left side to right side. And then lift the upper door and place it on a padded surface to prevent it from scratching.

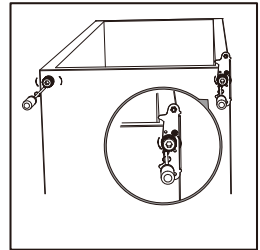


# Door Reversal

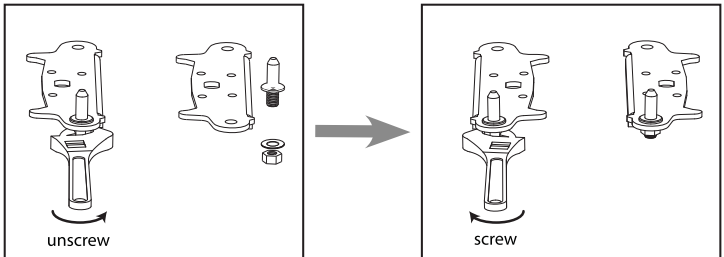
5. Unscrew the middle hinge using a Philips head screwdriver, then remove the lower door.



6. Laying down the refrigerator, remove the adjusting feet as shown below, then unscrew the lower hinge using a Philips head screwdriver.



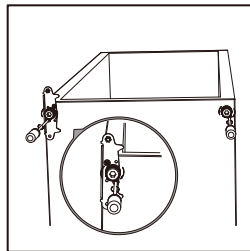
7. Unscrew and remove the bottom hinge pin, turn the bracket over and replace it as shown below.



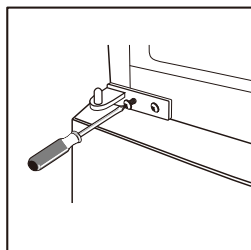
## Door Reversal

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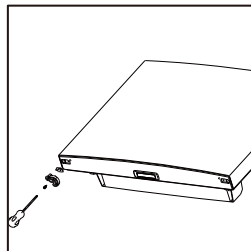
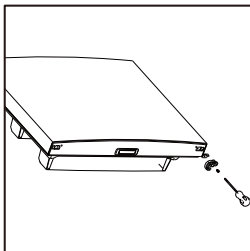
8. Refit the bracket with the bottom hinge pin. Refit both adjustable feet. Return the fridge to the upright position, and refit the bottom door. Please note: as the fridge has been lied down, please allow several hours after completion of the door reversal before connecting to mains power.



9. Reverse the middle hinge 180°, then fit to the left side as shown below. Once in position, refit the screws.



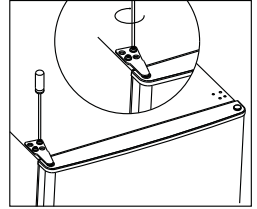
10. Unscrew right middle stopper with metal block from bottom of upper door. And then install left middle stopper and metal block in left side of bottom of upper door.



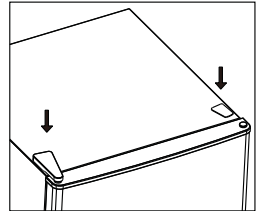
## Door Reversal

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11. Install the upper door with the upper hinge.



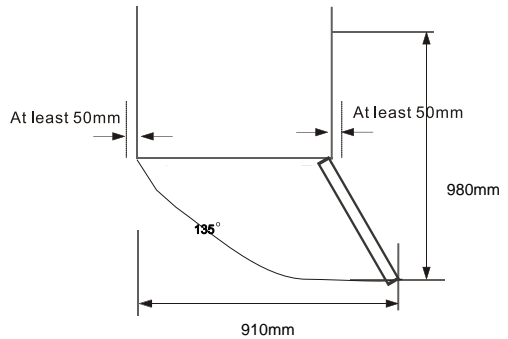
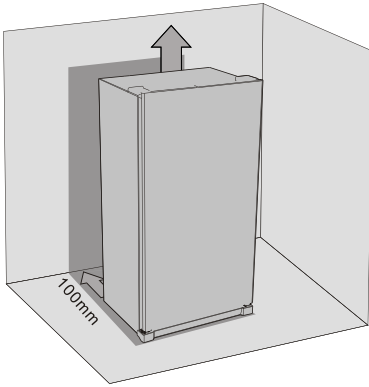
12. Clip in the hinge cover and hole cover on the top of the unit.



# Installation

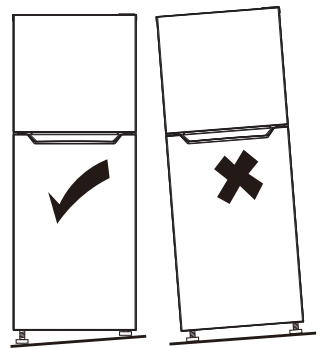
## Space Requirement

- Select a location without direct exposure to sunlight;
- Select a location with enough space for the refrigerator doors to open easily;
- Select a location with level (or nearly level) flooring;
- Allow sufficient space to install the refrigerator on a flat surface;
- Allow clearance to the right, left, back and top when installing. This will help reduce power consumption and keep your energy bills lower.



## Leveling the unit

To do this adjust the two leveling feet at front of the unit. If the unit is not level, the doors and magnetic seal may not be properly aligned.



# Installation

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## Positioning

Install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

Climate class	Ambient temperature
T	+16°C to +43°C

## Location

The appliance should be installed well away from sources of heat such as radiators, boilers, direct sunlight etc. Ensure that air can circulate freely around the back of the cabinet. To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet and the wall unit must be at least 100 mm. Ideally, however, the appliance should not be positioned below overhanging wall units. Accurate leveling is ensured by one or more adjustable feet at the base of the cabinet.

 **Warning!** It must be possible to disconnect the appliance from the mains power supply; the plug must therefore be easily accessible after installation.



# Daily Use

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## Using the Control Panel

### Freezer compartment Temperature Setting

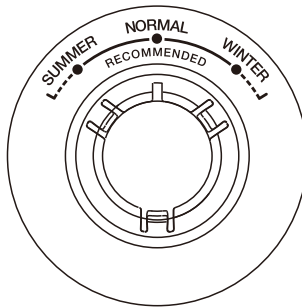
- Turn on your appliance. The internal temperature is controlled by a sensor. There are 3 settings: SUMMER, RECOMMENDED and WINTER.
- The appliance may not operate at the correct temperature if it is in a particularly hot or if you open the door often.

### Important!

Usually we advise the user sets the temperature control knob at "NORMAL" or "RECOMMENDED". Set the temperature control knob at "SUMMER" in summer or hot days.

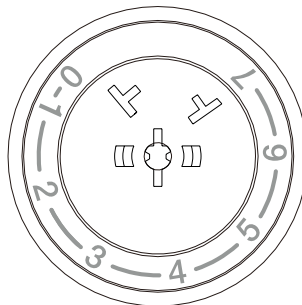
If the ambient temperature is very high (above 43°C), consider adjusting it to the dotted line on the left. Set the temperature control knob at "WINTER" in winter or cold days.

If the ambient temperature is very low (below 10°C), consider adjusting it to the dotted line on the right.



### Fridge compartment Temperature Setting

- Turn on your appliance. The internal temperature is controlled by a sensor. There are 8 settings: 0,1,2,3,4,5,6,7. 1 is warmest setting and 7 is coldest setting, 0 is off.
- The appliance may not operate at the correct temperature if it is in a particularly hot or if you open the door often.
- Neither fridge or freezer compartment works when the setting is OFF.



# Daily Use

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## First use

### Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand new product, then dry thoroughly.

**Important!** Do not use detergents or abrasive powders, as these will damage the finish.

## Daily use

### Freezing fresh food

- The freezer compartment is suitable for freezing fresh food and storing frozen and deep-frozen food for a long time.
- Place the fresh food to be frozen in the bottom compartment.
- The maximum amount of food that can be frozen in 24 hours is specified on the rating plate.
- The freezing process lasts 24 hours: during this period do not add other food to be frozen.

### Storing frozen food

When first starting-up or after a period out of use, before putting the product in the compartment let the appliance run at least 2 hours on the higher settings.

**Important!** In the event of accidental defrosting, the defrosted food must be consumed quickly or cooked immediately and then re-frozen (after cooked).

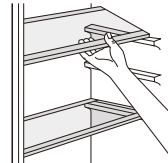
### Thawing

Deep-frozen or frozen food, prior to be used, can be thawed in the fridge compartment or at room temperature, depending on the time available for this operation. Small pieces may even be cooked still frozen, directly from the freezer. In this case, cooking will take longer.

## Accessories

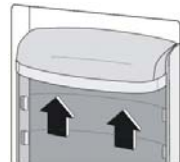
### Movable shelves

The walls of the refrigerator are equipped with a series of runners so that the shelves can be positioned as desired.



### Positioning the door shelves

To permit storage of food packages of various sizes, the door shelves can be placed at different heights. To make these adjustments proceed as follows: gradually pull the shelf in the direction of the arrows until it comes free, then reposition as required.



# Daily Use

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## Helpful hints and tips

### Hints for freezing

To help you make the most of the freezing process, here are some important hints:

- the maximum quantity of food which can be frozen in 24 hrs. is shown on the rating plate;
- the freezing process takes 24 hours. No further food to be frozen should be added during this period;
- only freeze top quality, fresh and thoroughly cleaned, foodstuffs;
- prepare food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required;
- wrap up the food in aluminium foil or polythene and make sure that the packages are airtight;
- do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter;
- lean foods store better and longer than fatty ones; salt reduces the storage life of food;
- water ices, if consumed immediately after removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing in date on each individual pack to enable you removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing in date on each individual pack to enable you to keep tab of the storage time.

### Hints for storage of frozen food

To obtain the best performance from this appliance, you should:

make sure that the commercially frozen foodstuffs were adequately stored by the retailer;

be sure that frozen foodstuffs are transferred from the food store to the freezer in the shortest possible time;

not open the door frequently or leave it open longer than absolutely necessary.

Once defrosted, food deteriorates rapidly and cannot be refrozen.

Do not exceed the storage period indicated by the food manufacture.

### Hints for fresh food refrigeration

To obtain the best performance:

- Do not store warm food or evaporating liquids in the refrigerator
- Do cover or wrap the food, particularly if it has a strong flavour

### Hints for refrigeration

Useful hints:

- Make (all types): wrap in polythene bags and place on the glass shelves above the vegetable drawer.
- For safety, store in this way only one or two days at the most.
- Cooked foods, cold dishes, etc...: these should be covered and may be placed on any shelf.
- Fruit and vegetables: these should be thoroughly cleaned and placed in the special drawer(s) provided.
- butter and cheese: these should be placed in special airtight containers or wrapped in aluminum foil or polythene bags to exclude as much air as possible.
- Milk bottle: these should have a cap and should be stored in the balconies on the door.
- Bananas, potatoes, onions and garlic, if not packed, must not be kept in the fridge.

## Daily Use

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### Cleaning

For hygienic reasons the appliance interior, including interior accessories, should be cleaned regularly.



**Caution!** The appliance may not be connected to the mains during cleaning. Danger of electrical shock! Before cleaning switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse. Never clean the appliance with a steam cleaner. Moisture could accumulate in electrical components, danger of electrical shock! Hot vapors can lead to the damage of plastic parts. The appliance must be dry before it is placed back into service.

**Important!** Etheral oils and organic solvents can attack plastic parts, e.g. lemon juice or the juice from orange peel, butyric acid, cleanser that contain acetic acid.

- Do not allow such substances to come into contact the appliance parts.
- Do not use any abrasive cleaners
- Remove the food from the freezer. Store them in a cool place, well covered.
- Switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker of fuse.
- Clean the appliance and the interior accessories with a cloth and lukewarm water. After cleaning wipe with fresh water and rub dry.
- After everything is dry place appliance back into service.

# Troubleshooting

**⚠ Caution!** Before troubleshooting, disconnect the power supply. Only a qualified electrician or authorized service provider must do the troubleshooting that is not in this manual.

**Important!** There will be some sound/noise during normal operation (compressor or refrigerant circulation).

Problem	Possible cause	Solution
Appliance does not work	Mains plug is not plugged in or is loose	Insert mains plug.
	Fuse has blown or is defective	Check fuse, replace if necessary.
	Socket is defective	Mains malfunctions are to be corrected by an electrician.
Appliance freezes or cools too much	Temperature is set too cold	Turn the temperature regulator to a warmer setting temporarily.
The food is not frozen enough.	Temperature is not properly adjusted.	Please look in the initial Temperature Setting section.
	Door was open for an extended period.	Open the door only as long as necessary.
	A large quantity of warm food was placed in the appliance within the last 24 hours.	Turn the temperature regulation to a colder setting temporarily.
	The appliance is near a heat source.	Please check the installation position of your fridge.
Heavy build up of frost on the door seal.	Door seal is not air tight.	Carefully warm the leaking sections of the door seal with a hair dryer (on a cool setting). At the same time shape the warmed door seal by hand such that it sits correctly.
Unusual noises	Appliance is not level.	Re-adjust the feet.
	The appliance is touching the wall or other objects.	Move the appliance slightly.
	A component, e.g. a pipe, on the rear of the appliance is touching another part of the appliance or the wall.	If necessary, carefully bend the component out of the way.
Interior light not working	LED Light may be defective. Door switch may be defective.	Contact Authorized service provider
Flashing LED light	The controll is not set to the correct position	Do not leave the controller between clicks, otherwise the light may flash.

If the malfunction shows again, contact the Service Center.





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