

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



The Creative Life

Refrigerator
Operating Instructions

P454TMB/P454TMW



Technical detail

Climate type: T

Electric shock resistance: |

Rated voltage: 220-240V~

Rated frequency: 50Hz

Rated current: 1.3A

Refrigerant and charge amount: R600a, 56g

Foam materials: Cyclopentane

Total storage volume : 415L

Storage volume of fridge : 321L

Storage volume of freezer : 94L

Group: 5T

App. No. : SGS-190171-EA



Contents

**Thank you for buying TCL refrigerator. We hereby express our thanks.
Welcome to use TCL refrigerator. We will do our best to provide you with quality service.**

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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. Do 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.



1.Warning

Warning: No barrier is allowed around the appliance or in the embedded structure in order to ensure the free ventilation.

Warning: Never damage the refrigerating circuit.

Warning: Never place liquid beverages or food contained in glass containers in the freezing chamber as the glass container may crack.

Warning: If powered off, the refrigerator shall be powered on 5min later to reduce the risk of damaging the compressor.

Warning: If any live part, abnormal noise, smell, smoke or other abnormality is found during use, it is necessary to power off the appliance immediately and contact the after-sales service department of the Company timely.

Warning: Never place your finger or hand under the refrigerator, especially rear bottom of refrigerator; otherwise, you may be hurt by sharp edges.

Warning: The children must not play or climb the refrigerator. The operation by the children must be supervised by their parents for fear of danger.

Warning: Never place your hand between the doors to open or close door for fear of jamming your finger. The door handle shall be used to open or close the door.

Warning: Under the rated climate types SN, N and ST, the operating ambient range of the appliance is 10℃~38℃; under the climate types SN, N, ST and T, the operating ambient range of the appliance is 10℃~43℃. If the appliance operates outside the rated climate type (ambient temperature range), the appliance may not maintain the satisfying interior temperature.

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 will sit for "just a few days. " If you are getting rid of your old appliance, please follow these 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 climb inside.

Warning:If you wish to dispose of this refrigerator, please contact your local authorities and ask for the correct method of disposal.

Warning:When positioning the appliance, ensure the supply cord is not trapped or damaged.

Warning: Do not connect multiple portable socket-outlet or portable power supplies.



Risk of Fire:The refrigerant of your refrigerator is R600a,it's highly Flammable.

2. Caution

Cautions: The power supply of this product must be uniform with the power supply mentioned on the nameplate, and the standard independent 3-hole socket shall be used (above 10A, and reliably grounded). One socket must not be shared by more than one appliance; otherwise, fire may be caused due to overheating.

Cautions: Never pull the power cord by hand. It is necessary to hold and unplug the power connector from the socket to disconnect the power supply. The power cord or connector must not be touched by wet hands for fear of electric shock.

Cautions: The power cord must not be squeezed by the refrigerator or any heavy load, and the power cord shall not be bent in an extreme position. Damaged or peeling of the power cord may result in fire or electric shock. If the power cord is broken or cut, please contact the after-sales service department immediately.

Cautions: No flammable or explosive matter or corrosive acid or alkaline matter is allowed in the refrigerator.

Cautions: The refrigerator must not be used in the rain or in direct sunlight.

Cautions: It is forbidden to place the containers with fluid on top of the refrigerator because breakage or tipping of the container may affect the electrical insulation of refrigerator and result in electric shock or fire.

Cautions: The refrigerator must not be disassembled or modified without permission. The repair of refrigerator must be performed by an authorized service agent or qualified technician .

Cautions: In case of leakage of any flammable gas such as natural gas, it is necessary to close the leaking valve first and then open the window for ventilation. Do not unplug the refrigerator connector immediately to prevent the risk of fire or explosion due to an electric spark.

Cautions: Effervescent drinks should not be stored in the freezer compartments or cabinets.

Cautions: Do not exceed the storage time(s) recommended by the food manufacturers for any kind of food.

Cautions: Be mindful of frozen food in storage in the event of an extended non running of the refrigerating appliance (interruption of power supply or failure of the refrigerating system).

Cautions: Preparations need to be taken when the refrigerating appliance is switched off and taken out of service temporarily or for an extended period (e.g. emptied, cleaned and dried, and the door(s) or lid(s) propped ajar).



Safety information

Daily use

Do not place any hot items in the fridge as it may cause damage to the plastic or operation.

Appliance's manufactures storage recommendations should be strictly adhered to. Refer to relevant instructions.

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.

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.

Safety information

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.

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.

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

As a responsible supplier, we care about the environment. As such, we ask that you follow the correct disposal procedures for your product and packaging. This will help ensure that your product



Safety information

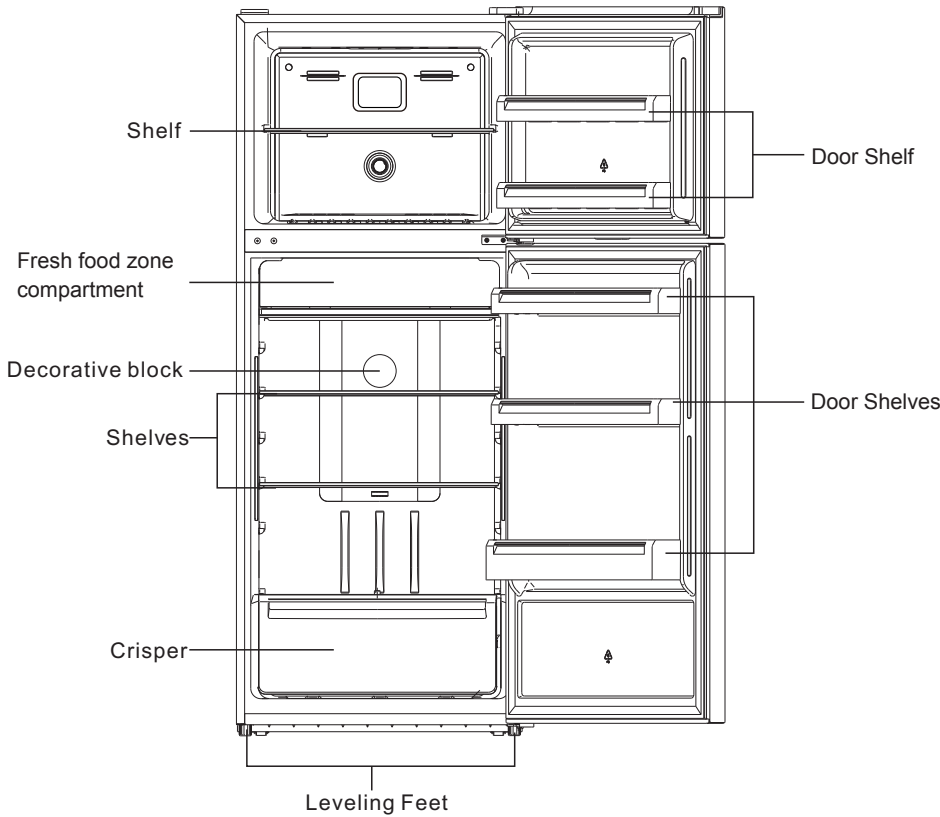
is recycled in a manner that protect the environment and your health.

You must dispose of your product and packaging according to local laws and regulations. Because this product contains electronic components and possibly batteries, this product and its accessories must be disposed separately from your household waste when the product reaches end of life. Contact your local authority to learn about disposal and recycling. The product should be taken to your local collection point for recycling. Please note that regulations may change, so always consult with your local authorities at time of disposal.

The LED Lamp is not user replaceable. Contact your service agent for more details.



Overview



Note: Above picture is for reference only. The actual appliance may slightly differ .



Door Reversal

Before reversing the door, please be prepared below tools and material: flat head screwdriver, philips head screwdriver, spanner and the components included in the poly bag:

Left hinge x1

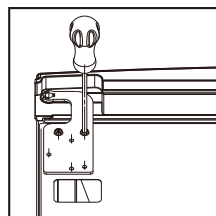
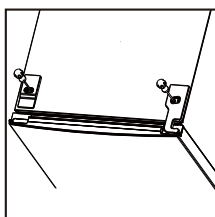
Left hinge cover x1

Left middle stopper x2

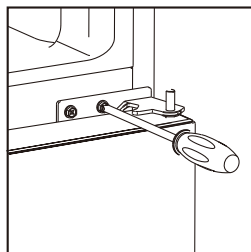
Left middle stopper metal block x2



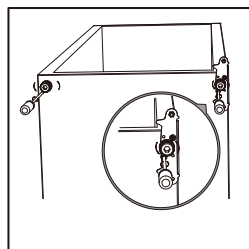
1. Close upper door, take out the screw from the top hinge covers by philips head screwdriver
Take off hinge cover, then unscrew top hinge and take off upper door.



2. Unscrew from the middle hinge by philips head screwdriver, then take off the lower door.

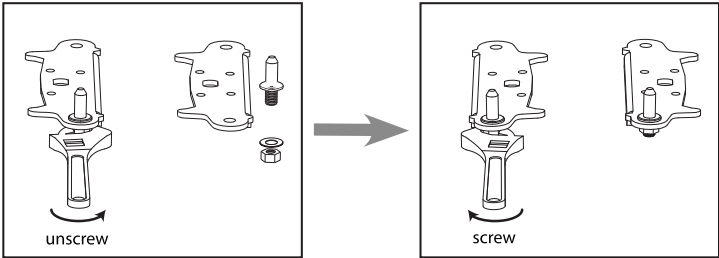


3. Laying down the refrigerator, take out the adjusting feet as below, then unscrew the lower hinge by philips head screwdriver.

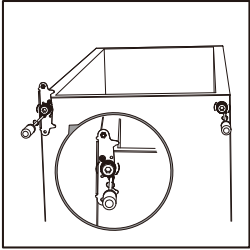


Door Reversal

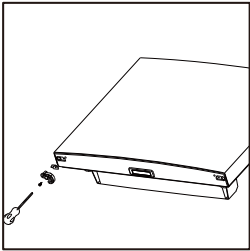
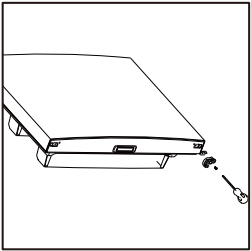
4 . Unscrew and remove the bottom hinge pin, turn the bracket over and replace it.



5. Refit the bracket fitting the bottom hinge pin. Replace both adjustable feet. Transfer the lower door to the correct position.

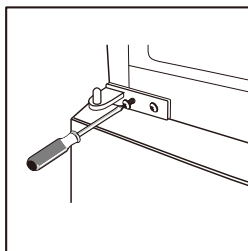


6. Unscrew right middle stopper with metal block from bottom of upper door. And then install left middle stopper and metal block in left side of bottom of upper door. (The same operation as for lower door.)

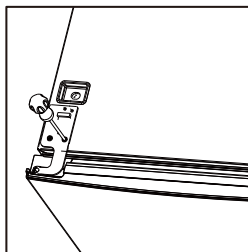


Door Reversal

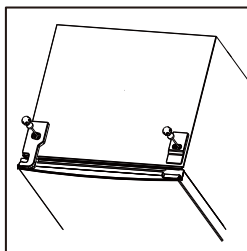
7. Rotate the middle hinge 180 degrees. unscrew and reverse the position of the middle pin so it faces up. Fit the hinge in position on the left hand side as shown.



8. Install the upper door, fix the upper door hinge onto the cabinet .



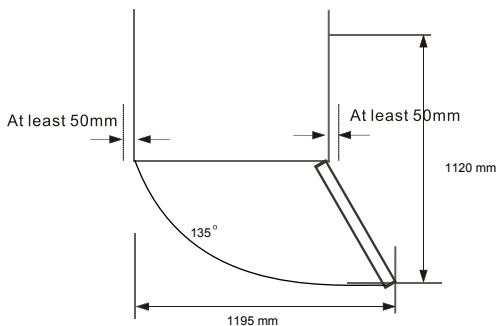
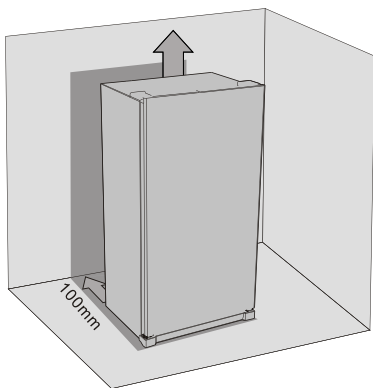
9. Take the left hinge cover from the accessory bag and install as shown to the top hinge. Then install the hole cover on the right hand side.



Installation

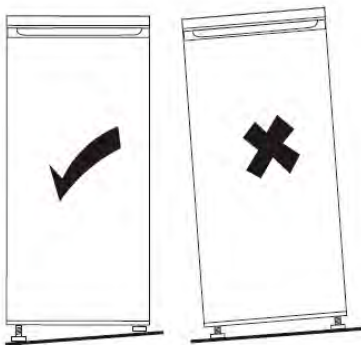
Space Requirement

- 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.



Levelling the refrigerator

If the refrigerator is not level, the doors and magnetic seal will not align properly, this may cause the door not to close properly.



Installation

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.

Electrical connection

Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply. The appliance must be earthed. The power supply cable plug is provided with a contact for this purpose. If the domestic power supply socket is not earthed, connect the appliance to a separate earth in compliance with current regulations, consulting a qualified electrician. The manufacturer declines all responsibility if the above safety precautions are not observed. This appliance complies with the E.E.C. Directives.

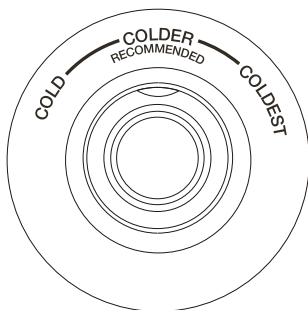


Daily Use

Using the Control Panel

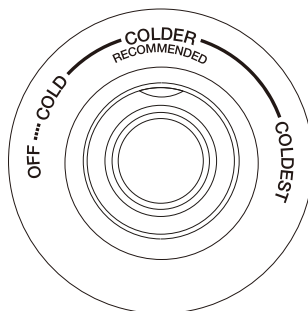
Freezer compartment Temperature Setting

- Plug in your appliance. The internal temperature is controlled by a sensor. There are 3 settings: COLD, COLDER and COLDEST.
- The appliance may not operate at the correct temperature if it is in a particularly hot or if you open the door often.



Fridge compartment Temperature Setting

- Plug in your appliance. The internal temperature is controlled by a sensor. There are 4 settings: OFF, COLD, COLDER and COLDEST. COLD is warmest setting and COLDEST is coldest setting, OFF 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

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, for example the power has been off for longer than the value shown in the technical characteristics chart under "rising time", the defrosted food must be consumed quickly or cooked immediately and then re-frozen (after cooked).

Thawing

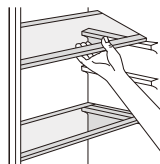
Deep-frozen or frozen food, prior to be used, can be thawed in the fridge compartment or at room temperature, depending on the time available for this operation.

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 balconies can be placed at different heights. To make these adjustments proceed as follows: gradually pull the shelves in the direction of the arrows until it comes free, then reposition as required.



Daily Use

Helpful hints and tips

Hints for freezing

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

- 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 burn;
- 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

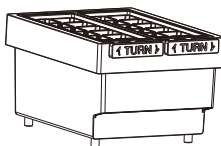
Hints for refrigeration

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 shelves on the door.
- Bananas, potatoes, onions and garlic, if not packed, must not be kept in the fridge.

Using the Ice Box

1. Slide the ice trays out of the ice box and then remove the cover.
2. Before first use, please clean the ice cube.
3. Fill the ice trays with water.
4. Carefully slide the ice trays on the ice box and then place the ice-cube on one glass shelf in the freezer compartment.
5. Wait until the ice forms in the ice-cube. Rotate the knob to release the ice. The ice will fall into the ice box



Daily Use

Cleaning

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

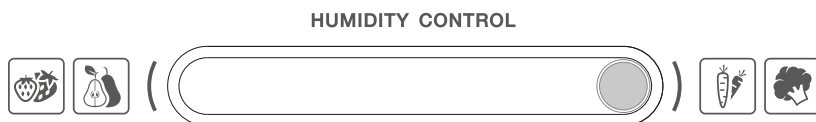
Caution! The appliance may not be connected to the mains during cleaning. Danger of electrical shock! Before cleaning switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse. Never clean the appliance with a steam cleaner. Moisture could accumulate 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! Ethereal 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 wipe dry.
- After everything is dry place appliance back into service.

Setting the humidity in the Crisper:

- Low humidity: move the regulator to the left
- High humidity: move the regulator to the right



Daily Use

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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