

# REFRIGERATOR

## INSTRUCTION MANUAL

**MODEL: P64864MSFW**

### **SAFETY**



### **WARNING!**

It is hazardous for anyone other than authorized service personnel to carry out servicing or repairs which involves the removal of covers. To avoid the risk of an electric shock do not attempt to repair this appliance yourself.

### **WARNING!**



Risk of fire / flammable materials.

## Safety tips

**D**o not use electrical appliances such as a hair dryer or heater to defrost your Freezer.

**C**ontainers with flammable gases or liquids can leak at low temperatures.

**D**o not store any containers with flammable materials, such as spray cans, fire extinguisher refill cartridges etc. in the Freezer.

**D**o not place carbonated or fizzy drinks in the Freezer compartment. Ice lollies can cause “Frost/Freeze burns”. If consumed straight from the Freezer.

**D**o not remove items from the Freezer compartment if your hands are damp/wet, as this could cause skin abrasions or “Frost/Freezer burns”. Bottles and cans must not be placed in the Freezer compartment as they can burst when the contents freeze.

**M**anufacturer’s recommended storage times should be adhered to. Refer to relevant instructions.

**D**o not allow children to tamper with the controls or play with the Freezer. The Freezer is heavy. Care should be taken when moving it. It is dangerous to alter the specification or attempt to modify this product in any way.

**D**o not store inflammable gases or liquids inside you Freezer.

**I**f the power cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

**T**his 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.

**T**his 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.

**K**eeep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

**D**o not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

**D**o not damage the refrigerant circuit.

**D**o not use electrical appliances inside the food storage compartments of the appliance, unless they are of type recommended by the manufacturer.

**D**o not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

**T**his 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.

– 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.

– WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

– WARNING: Refrigerating appliances – in particular a refrigerator-freezer Type I – might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed;

– WARNING: The necessity that, for doors or lids fitted with locks and keys, the keys be kept out of the reach of children

- and not in the vicinity of the refrigerating appliance, in order to prevent children from being locked inside.
- WARNING: The refrigerant used in your appliance and insulation materials requires special disposal procedures.
- WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.
- WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

To avoid contamination of food, please respect the following instructions:

- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
- Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.
- One-, two- and three-star compartments are not suitable for the freezing of fresh food.
- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

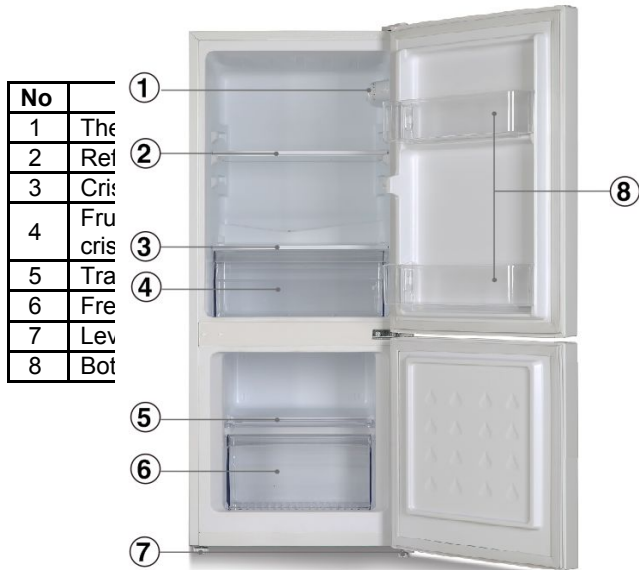
### Locks

If your Fridge/Freezer is fitted with a lock, to prevent children being entrapped keep the key out of reach and not in the vicinity of the appliance. If disposing of an old Fridge/Freezer break off any old locks or latches as a safeguard.

### INTRODUCTION

#### Before use

Please read these instructions and the Safety guidelines on page 1 carefully before using your new Fridge/Freezer. The Fridge/Freezer is for indoor, domestic use only.



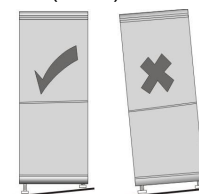
### INSTALLATION

#### Location

When selecting a position for your Fridge/Freezer you should make sure the floor is flat and firm, and the room is well ventilated with an average room temperature of between 16°C and 38°C. Avoid locating your Fridge/Freezer near a heat source, eg, cooker, boiler or radiator. Also avoid direct sunlight in out-buildings or sun lounges. If you are placing your Fridge/Freezer in an out-building such as a garage or annex ensure that the Fridge/Freezer is placed above the damp course, otherwise condensation will occur on the Fridge/Freezer cabinet. Never place the Fridge/Freezer in a wall recessed or into fitted cabinets or furniture when your Fridge/Freezer is working, the grille at the back may become hot and the sides warm. It must therefore be installed so that the back of the Fridge/Freezer has at least 10 cm(31/2") of free space and the sides have 2cm(3/4"). Do not drape the Fridge/Freezer with any covering.

#### Leveling the Fridge/Freezer

If the Fridge/Freezer is not level, the door and magnetic seal alignment will be affected and may cause you Fridge/Freezer to work incorrectly. Once the Fridge/Freezer is placed in its final location, adjust the leveling feet at the front by turning them.



#### Cleaning before use

Wipe the inside of the Fridge/Freezer with a weak solution of bicarbonate of soda. Then rinse with warm water using a damp sponge or cloth. Wash the baskets and shelves in warm soapy water and dry completely before replacing in the Fridge/Freezer. The external parts of the Fridge/Freezer can be cleaned with wax polish.

#### Before plugging in YOU MUST

Check that you have a socket which is compatible with the plug supplied with the Fridge/Freezer.

#### Before switching on!

DO NOT SWITCH ON UNTIL FOUR HOURS AFTER MOVING THE FRIDGE/FREEZER.

The coolant fluid needs time to settle. If the appliance is switched off at any time, wait 30 minutes before switching back on to allow the coolant fluid to settle.

#### Before filling your Fridge/Freezer

Before storing foods in your Fridge/Freezer, turn the Fridge/Freezer on and wait for 24 hours, to make sure it is working properly and to allow the Fridge/Freezer to fail to the correct temperature.

#### START

##### Testing

1. Clean the parts of the refrigerator with lukewarm water containing a little neutral detergent and with clear water, and wipe them dry.

**Notes:** Electric parts of the refrigerator can only be wiped by dry cloth.

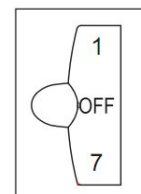
2. Turn the thermostat knob to the "3" position, turn on electricity. The compressor and the light inside the refrigerator begin to work.

3. Close the door 30 minutes later, if the temperature in the freezer compartment decreased obviously, it shows that the refrigerator system works well. When the refrigerator operates for a period of time, the temperature controller will automatically set the temperature within limits it opens.

4. If the above steps are successful, the trial operations finish. The refrigerator works normally.

#### Adjusting the temperature

1. The temperature in the refrigerator and freezer compartment is controlled by the temperature controller installed on the inside wall of the refrigerator compartment. We strongly recommend you use a freezer thermostat to check that the temperature is below -18 centigrade before loading any food. This can take 2 - 3 hours.
2. The marks on the knob are the temperature grades, NOT the exact degrees of temperature. "0" is "OFF" and "7" represents the lowest temperature.
3. Please start with the knob set to position "4". Use a suitable thermometer to check the temperature after two hours. The refrigerator temperature should be set between +2°C and +5° and the freezer will vary between -18 and -25 degrees centigrade over a typical cycle. To reduce the refrigerator temperature turns the knob towards "6" and check after one hour.



NOTE: The Fridge/Freezer may not operate at the correct temperature if it is in a particularly hot or cold room or if you open the Fridge/Freezer door too often.

#### Super Freezing

1. Quick freezing allows moisture inside foodstuffs to form fine ice-crystals which prevent the cell membrane from being damaged and the cytoplasm being lost when unfreezing, thus the original freshness and nutrition constituent of foodstuffs can be retained.
2. Fresh meal and fish to be stored for long time must be done by quick freezing. To quick freeze turn the temperature knob to setting "7" before adding food.
3. After quick freezing, turn the knob back to the original position (Normally time for quick freezing shall not exceed 4 hours).

#### IN USE

1. The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed
2. The fact that the climate class is ST, and the room temperature of between 16°C and 38°C.
3. The fact that the internal temperatures could be affected by such factors as the location of the refrigerating appliance, ambient temperature and the frequency of door opening, and, if appropriate, a warning that the setting of any temperature control device might have to be varied to allow for these factors

4. The fact that effervescent drinks should not be stored in food freezer compartments or cabinets or in low-temperature compartments or cabinets, and that some products such as water ices should not be consumed too cold
5. The need to not exceed the storage time(s) recommended by the food manufacturers for any kind of food
6. The fact that a rise in temperature of the frozen food during manual defrosting, maintenance or cleaning could shorten the storage life
7. It is better wrapping the frozen food in several layers of the glass shelves.
8. the care required with regard to 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)
9. The door to the evaporator clearance can be used to store food ;

**Tips for keeping food perfect in the Fridge**

**Take extra care with meat and fish**

Cooked meats should always be stored on a shelf above raw meats to avoid bacterial transfer. Keep raw meats on a plate which is large enough to collect juices and cover it with cling film or foil.

**Leave space around food**

This allows cold air to circulate around the Fridge, ensuring all parts of the Fridge are kept cool.

**Wrap up food!**

To prevent transfer of flavors and drying out, food should be separately packed or covered. Fruit and vegetables need not be wrapped.

**Pre-cooked food should be cooled properly**

Allow pre-cooked food to cool down before placing in the Fridge. This will help to stop the internal temperature of the Fridge from rising.

**Shut the door!**

To prevent cold air escaping, try to limit the number of times you open the door. When returning from shopping, sort foods to be kept in your Fridge before opening the door. Only open the door to put food in or take it out.

**Where to store your foods in the fridge**

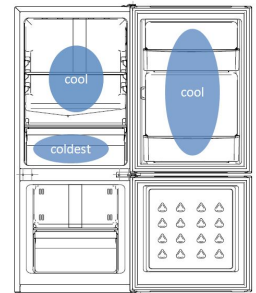
**Cool area**

This is where to store foods which will keep longer if they are kept cool. Milk, eggs, yogurt, fruit juices, hard cheeses eg. Cheddar. Opened jars and bottles of salad dressings, sauces and jams. Fats, eg. Butter, margarine, low-fat spreads, cooking fats and lard.

**Coldest area**

This is where foods which must be cold to keep them safe should be kept:

- Raw and uncooked foods should always be wrapped.
- Pre-cooked chilled foods, eg. Ready meals, meat pies, soft cheeses.
- Pre-cooked meats eg. Ham,
- Prepared salads(including pre-packed mixed green salads, rice, potato salad etc).
- Desserts, eg. Fromage frais, home-prepared food and leftovers or cream cakes.



**NOTE :** Always wrap and store raw meat, poultry and fish on the lowest shelf at the bottom of the fridge. This will stop them dripping onto, or touching other foods. Do not store inflammable gasses or liquids in the fridge.

**Tips for shopping for frozen foods**

**Your Freezer is 4 star** ★★★★★

When you are buying frozen food, look at the Storage Guidelines on the packaging. You will be able to store each item of frozen food for the period shown against the 4 star rating. This is usually the period stated as “Best, Before”, found on the front of the packaging.

**Check the Fridge/Freezer temperature**

Check the temperature of the frozen food cabinet in the shop where you buy your frozen foods. It should show a temperature lower than -18°C.

**Choose packs carefully**

Make sure the frozen food package is in perfect condition.

**Purchase frozen food last**

Always buy frozen products last on your shopping trip or visit to the supermarket.

**Keep frozen foods together**

Try to keep frozen food together whilst shopping, and on the journey home as this will help to keep the food cooler.

**Store food straight away**

Don't buy frozen food unless you can freeze it straight away. Special insulated bags can be bought from most supermarkets and hardware shops. These keep frozen food cold for longer.

**Thawing frozen food**

For some foods, thawing before cooking is unnecessary. Vegetables and pasta can be added directly to boiling water or steam cooked. Frozen sauces and soups can be put into a saucepan and heated gently until thawed.

**Freezing fresh foods, useful tips**

Use quality food and handle it as little as possible. Freeze food in small quantities, it freezes faster, takes less time to thaw and enables you to eat it in the quantity you need.

**Freezing fresh foods**

First, estimate the amount of food you will be freezing. If you are freezing large amounts of fresh food, remember to turn the control dial to Max. This will lower the temperature in the Freezer (approx -30°C), freezing your food quicker and helping to keep the goodness in. However you should do this sparingly to conserve energy.

### Preparations for freezing

- Leave cooked food to cool completely.
- Chill food in a Fridge before freezing if possible.
- Consider how you want to cook the food before freezing it.
- Don't freeze food in metal containers as you may want to microwave it straight from the Freezer.
- Use special Freezer bags available from supermarkets, Freezer film, polythene bags, plastic containers, aluminum foil for acidic foods(such as citrus fruits).

Do not use thin cling film or glass. Do not use used food containers (unless cleaned thoroughly first).

- Exclude as much air from the container as possible. You could buy a special vacuum pump which sucks excessive air out of the packaging.

- Leave a small amount of "air space" when freezing liquids, to allow for expansion.

- You can use the space in the Freezer most efficiently if you freeze liquids(or solids with liquids, such as stew) in square blocks.

This is known as "performing" Pour the liquid into a polythene bag which is inside a square sided container. Freeze it like this, then remove it from the container and seal the bag.



### Recommended storage periods

For recommended food storage time, refer to the information given on your food packaging.

### DEFROSTING

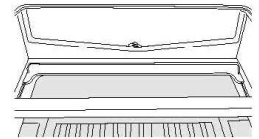
#### Defrosting

After a period of time frost will build up in certain areas in the Fridge/Freezer compartment. As a temporary measure, this frost should be scraped away using a plastic scraper. NEVER use a metal or sharp instrument. Complete defrosting will however become necessary approximately once per year, or if the frost layer exceeds 5mm to maintain the efficiency of the Fridge/Freezer. This should be carried out if the frost build-up cannot be scraped away, or if it begins to interfere with the food storage. Chose a time when the stock of frozen food is low and proceed as follow:

1. Take out the frozen food, turn the Fridge/Freezer off at the mains supply and leave the doors open. Ideally the frozen food should be put into another Fridge/Freezer or refrigerator. If this is not possible wrap the food, firstly in several sheets of newspaper or large towels and then in a thick rug or blanket and keep it in a cool place.
2. Scrape away as much frost build-up as possible using the plastic scraper. To accelerate the thawing process place bowls of hot water inside the Fridge/Freezer cabinet. As the solid frost loosens, prize it away with the plastic scraper and remove.
3. After defrosting, Please clean the water in water tray(located on top of compressor) in time. Then clean your Fridge/Freezer as described.

#### Cleaning inside the Fridge/Freezer

After defrosting you should clean the Fridge/Freezer internally with a weak solution of bicarbonate of soda. Then rinse with warm water using a damp sponge or cloth and wipe dry. Wash the baskets in warm soapy water and ensure they are completely dry before replacing in the Fridge/Freezer. Condensation will form on the back wall of the Fridge; however it will normally run down the back wall and into the drain hole behind the salad bin.



The drain hole will have a "cleaning spike" inserted into it. This ensures that small pieces off food can not enter the drain. After you have cleaned the inside of your Fridge and removed any food residues from around the whole, use the "cleaning spike" to make sure that there are no blockages.

#### Cleaning outside the Fridge/Freezer

Use standard non-abrasive detergent diluted in warm water to clean the Fridge/Freezer exterior.

The grille of the condenser at the back of the Fridge/Freezer and the adjacent components can be vacuumed using a soft brush attachment.

Do not use harsh cleaners, scouring pads or solvents to clean any part of the Fridge/Freezer

### TROUBLESHOOTING AND MAINTENANCE

#### Trouble Shooting

##### Power cut

If the internal temperature of the Fridge/Freezer compartment is  $-18^{\circ}\text{C}$  or less when the power returns, your food is safe. The food in your Fridge/Freezer will remain frozen for approx 16 hours with the door closed. Do not open the Fridge/Freezer door more than necessary.

##### The Fridge/Freezer is exceptionally cold

You may have accidentally adjusted the thermostat control dial to a higher position.

##### The Fridge/Freezer is exceptionally warm

The compressor may not be working. Turn the thermostat control dial to the maximum setting and wait a few minutes. If there is no humming noise, it is not working. Contact the local store where your purchase was made.

##### The Fridge/Freezer is not working

Check it is plugged in and switched on. Check that the fuse in the plug has not blown. Plug

In another appliance, such as a lamp, to see if the socket is working. The Fridge/Freezer should be placed in a well ventilated room with an ambient temperature of between  $16^{\circ}\text{C}$  and  $38^{\circ}\text{C}$ . Leave the Fridge/Freezer for 30 minutes.

##### Condensation appears on the outside of the Fridge/Freezer

This may be due to a change in the room temperature. Wipe off any residue of moisture. If the problem continues contact the local store where your purchase was made.

##### GURGLING, WHOOSHING

These noises are caused by the circulation of the refrigerant liquid in the cooling system. It has become more pronounced since the introduction of CFC free gases. This is not a fault and will not affect the performance of your Fridge/Freezer.

## **HUMMING, PURRING OR PULSATING**

This is the compressor motor working, as it pumps the refrigerant around the system.

### **Moving the Fridge/Freezer**

#### **Location**

Do not place your Fridge/Freezer near a heat source, eg. Cooker, boiler or radiator. Also avoid direct sunlight in out-buildings or sun lounges.

#### **Leveling the Fridge/Freezer**

Make sure the Fridge/Freezer is level. Use the rotating leveling feet at the front. If the Fridge/Freezer is not level, the doors and magnetic seal alignments will be affected and may cause your Fridge/Freezer to work incorrectly.

Do not turn on the Fridge/Freezer for 4 hours

After the Fridge/Freezer is in place it needs to be left for 4 hours. This allows time for the coolant to settle.

#### **Installation**

Don't cover or block the vents or grilles of your appliance.

**NOTE: When the environment is high temperature and high humidity, if opening the refrigerator door too often, there will be some frost at the back of fridge part(inside of refrigerator) and the water in water tray(located on top of compressor) will overflow, This is not breakdowns. Please power off and clear the frost and water in time.**

#### **Vacation Time**

- Turn off the refrigerator first and then unplug the unit from the wall outlet.
- Remove all the food.
- Clean the refrigerator.
- Leave the lid open slightly to avoid possible formation of condensation, mold, or odors.
- Use extreme caution in the case of children. The unit should not be accessible to child's play.
- Short vacations: Leave the refrigerator operating during vacations of less than three weeks.
- Long vacations: If the appliance will not be used for several months, remove all food and unplug the power cord. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the door open slightly: blocking it open if necessary or have the door removed.

#### **How to save energy**

01. Install the refrigerator in the coolest part of the room, out of direct sunlight and away from heating ducts or registers. Do not place the refrigerator next to heat-producing appliances such as a range, oven or dishwasher.
02. The refrigerator door should remain open only as long as necessary; do not place hot food inside the refrigerator.
03. Organize the refrigerator to reduce door openings. Remove as many items as needed at one time and close the door as soon as possible.
04. The refrigerator door should be properly closed to avoid increased energy consumption, and the formation of excess ice and / or condensation inside.
05. Constantly circulating cold air keeps the temperature homogenous inside the refrigerator. For this reason, it is important to properly distribute the food, to facilitate the flow of air.
06. Cover foods and wipe containers dry before placing them in the refrigerator. This cuts down on moisture build-up inside the unit.
07. Do not overcrowd the refrigerator or block cold air vents. Doing so causes the refrigerator to run longer and use more energy. Shelves should not be lined with aluminum foil, wax paper or paper toweling. Liners interfere with cold air circulation, making the refrigerator less efficient, which could cause food spoilage.
08. During prolonged absences (example: vacations), it is advisable to disconnect the refrigerator, remove all the food, and clean it. The door should be left slightly open to avoid mold and unpleasant odors. This will not affect the refrigerator when it is reconnected.
09. During short absences (example: holidays), the refrigerator can remain on. However, remember that prolonged power outages may occur while you are gone.

#### **Servicing**

This product should be serviced by an authorized engineer and only genuine spare parts should be used.

Under no circumstances should you attempt to repair the appliance yourself.

Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact the local store where your purchase was made.

When the appliance is not in use for long periods, disconnect from the electricity supply, empty all foods and clean the appliance, leaving the door ajar to prevent unpleasant smells.

Lamps can only be replaced by the manufacturer, together with a part of the appliance.

#### **Changing the internal light**

1. Before carrying out the bulb replacement always press and turn the thermostat control to dial to position "OFF", then disconnecting the mains supply.
2. Hold and lift up the light bulb cover.
3. Remove the old bulb by unscrewing it in an anti-clockwise direction.
4. Replace with a new bulb (10W) by screwing it in a clockwise direction marking sure that it is secure in the bulb holder.

Refit the light cover and re-connect your Fridge/Freezer to the mains supply and switch on.


#### **THIS APPLIANCE MUST BE EARTHED.**

This appliance is fitted with a plug which will be suitable for use in all houses fitted with sockets to current specifications.

If the fitted plug is not suitable for your socket outlets, it should be cut off and carefully disposed of. To avoid a possible shock hazard, do not insert the discarded plug into a socket.

This appliance complies with the following EEC Directives:

**73 / 23 EEC (Low Voltage Directive)**

Correct Disposal of this product	
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>