

**DFF456 / DFF458**  
**SBS REFRIGERATORS**



**Believe in better**

**Customer Care Line**  
(after sales service)

**086 100 3339**

**Refrigeration**  
Instruction manual

# Table of Contents

## Warning

|              |   |
|--------------|---|
| Warning----- | 2 |
|--------------|---|

## Safety and warning information

|                                      |   |
|--------------------------------------|---|
| Basic safety symbol-----             | 8 |
| Appliance connection-----            | 8 |
| Safety and warning information ----- | 8 |

## Product Introduction

|                             |    |
|-----------------------------|----|
| Product features-----       | 12 |
| Product components-----     | 13 |
| Installation dimension----- | 14 |

## Installation

|                           |    |
|---------------------------|----|
| Transport-----            | 15 |
| Place environment -----   | 15 |
| Adjust plastic feet ----- | 15 |

## Operation

|                                           |    |
|-------------------------------------------|----|
| Before using-----                         | 16 |
| Starting and functions setting-----       | 16 |
| Control panel-----                        | 16 |
| Feature selection-----                    | 17 |
| Freezer compartment settings-----         | 17 |
| Refrigerator compartment settings-----    | 18 |
| Lock/unlock button-----                   | 18 |
| Open door alarm-----                      | 18 |
| Refrigerator chamber-----                 | 19 |
| Instructions for child lock level-----    | 20 |
| Instructions for water tank assembly----- | 20 |
| Fill the tank with pure drink water-----  | 20 |
| Freezing chamber-----                     | 21 |
| Storage of foods-----                     | 22 |
| Energy saving tips -----                  | 22 |

## Maintenance

|                          |    |
|--------------------------|----|
| Defrosting-----          | 23 |
| Cleaning-----            | 23 |
| General information----- | 23 |
| Normal phenomena-----    | 24 |
| Trouble shooting -----   | 25 |

## Branches

|               |    |
|---------------|----|
| Branches----- | 26 |
|---------------|----|

## Warranty

|               |    |
|---------------|----|
| Warranty----- | 27 |
|---------------|----|

# Warning

## Important safety information

Please review and observe the following information. Failure to do so may result in injuries or material damage and will render any warranty and reliability commitments void.

### Warnings

- The refrigerator must only be used for its intended purpose, i.e. storing of edible foodstuff.
- The refrigerator 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.
- 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.
- In the event of a malfunction, disconnect the refrigerator from the power supply.
- Vapour and vaporized cleaning materials must never be used in the cleaning the refrigerator. The vapour may come into contact with the electrical parts and cause a short circuit or electric shock.
- Do not allow children to hang on the refrigerator doors as the unit could topple forward risking personal injury. Never use the parts on your refrigerator, such as the door, as a means of support or step.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Unplug the refrigerator when cleaning, during routine maintenance or if it will not be used for an extended period.
- To unplug the refrigerator, remove the plug by pulling on the plug and not the cable!
- Never connect your refrigerator to electricity saving systems as they may damage the refrigerator.

### For models with water fountain

- Water supply pressure must be minimum 1 bar and maximum 8 bars.
- Use drinking water only.

## Warning

- 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.
- Exposing the refrigerator to rain, snow, sun and wind is an electrical safety risk.
- Do not store medicine or academic research samples which require strict temperature control in the refrigerator.
- Do not store or use flammable gas, benzene, petrol or volatile substances in or near the refrigerator.
- Do not store explosive substances such as aerosol cans with a flammable propellant in the refrigerator.
- Do not overload your refrigerator with large amounts of food. If overloaded, the food may fall down and injure you and damage the refrigerator when opening the door. Never place objects on top of the refrigerator, they may fall and injure you when you open or close the refrigerator door.
- The refrigerator may move if the adjustable legs are not properly levelled on the floor. Levelling the adjustable legs on the floor helps prevent the refrigerator from moving.
- If there is a blue light fitted on the refrigerator, do not look at the blue light through optics.
- When carrying the refrigerator, do not hold on the door handle as the handle may break.
- When placing your refrigerator next to another refrigerator or freezer, the distance between the devices must be at least 8 cm. Failure to do so may cause adjacent walls to humidify.
- Do not put bottled or canned liquid beverages in the freezer compartment: they may burst.
- Do not touch frozen food with your hands; it may stick to your hands.
- Never pour or spray water into or on the refrigerator and do not store liquids, pot plants or open containers on top of the refrigerator as these may spill causing electrical shorting.
- Avoid any damage to the power cable when transporting the refrigerator.
- Bending the cable may cause a fire.
- Never place heavy objects on the power cable.
- Do not touch the plug with wet hands.
- Contact a Defy service centre for all questions and problems relating to the refrigerator.
- The lamp(s) used in this appliance is not suitable for household room illumination.
- If the product has LED type lighting, contact the Defy service centre for replacing or in case of any problem.



## Warning

- Do not plug in the refrigerator if the wall socket is loose.
- On delivery, check to make sure that the refrigerator is not damaged and that all the parts and accessories are in perfect condition.
- Ensure that the plug remains readily accessible. Do not use multiple adapter plugs or an extension cable.
- Ensure that there is sufficient spacing between the refrigerator and surrounding walls.

### Child safety

- If the door has a lock, keep the key out of reach from children.
- If you are discarding an old refrigerator with a lock or latch fitted to the door, disable the lock/latch, and ensure that the refrigerator is left in a safe condition to prevent children from being trapped inside and suffocating.
- Children must be supervised to prevent them from tampering with the refrigerator.

### HCA Warning

Refrigerator cooling systems containing R600a: This refrigerator contains non CFC/ HFC natural substances in the cooling system (Called R600a) and in the insulation (Called cyclopentane). These are potentially flammable if exposed to fire. Take care not to damage

the cooling circuit / pipes of the refrigerator in transportation and in use. In case of damage do not expose the refrigerator to fire or potential ignition sources and immediately ventilate the room where the refrigerator is situated. Ignore this warning if your refrigerators cooling system contains R134a.

|                                                                                     |                                                                                                                                                                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Do not drill, cut or modify the refrigerator. Injuries may result if the refrigerant circuit is damaged. <b>WARNING:</b> Do not damage the refrigerant circuit. |
|    | Do not operate a damaged refrigerator. Contact the nearest Defy service center.                                                                                 |
|    | The electrical safety of the refrigerator is only guaranteed if the earth system of your home is compliant to national standards.                               |
|  | Repairs must be carried out by authorised persons only. Repairs carried out by incompetent persons create a user risk.                                          |
|  | Never plug the refrigerator into the wall socket during installation. Death or serious injury may result.                                                       |

## Warning

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

The refrigerant isobutene (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, ensure that none of the components of the refrigerant circuit becomes damaged.

The refrigerant (R600a) is flammable.



Symbol ISO 7010 W021 Warning;  
Risk of fire/flammable materials

1. WARNING: The appliance must be positioned so that the plug is accessible.
2. WARNING: 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. WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

## Warning

4. WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
5. WARNING: Do not damage the refrigerant circuit.
6. WARNING: Do not use electrical appliances in side the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
7. WARNING: This unit is using R600a as the Refrigerant and cyclopentane as Foaming agent, both of this two kind of material is easy to be burnt, so the abandoned unit should be away from the fire, and can not be treated with fire.
8. WARNING: Danger of electrical shock, the yellow-green earthing of this appliance must be earthed before operation.
9. WARNING: Refrigerator discarded after the need for disposal according to local laws and regulation.
10. WARNING: The refrigerant and insulation blowing gas are flammable. When disposing of the appliance, do so only at an authorized waste disposal centre. Do not expose to flame.
11. WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.
12. WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
13. WARNING: 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.
  - Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

## Warning

\*Two-star(\*\*) frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.

\*One star(\*), two star(\*\*) and three star(\*\*\*) compartments are not suitable for the freezing of fresh food.

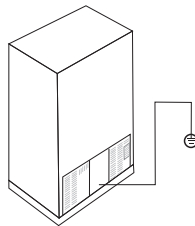
–If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

\*Please depend on the actual situation of the product.



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.



# Safety and warning information

## Basic safety symbol

This guide contains many important safety messages.  
Always read and obey all safety messages.



This is the safety alert symbol. It alerts you to safety messages that inform you of hazards that can kill or hurt you or others or cause damage to the product. All safety messages will be preceded by the safety alert symbol and the hazard signal word DANGER, WARNING, or CAUTION. These words mean:



**DANGER**

You will be killed or seriously injured if you don't follow the instructions.



**WARNING**

You will be killed or seriously injured if you don't follow the instructions.



**CAUTION**

Indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate injury, or product damage only.

## Appliance connection



**CAUTION**

This product is applicable to 220-240V/50Hz only, and the allowable voltage fluctuation range is 187V~242V. It can not be used if the voltage frequency is not 50Hz.

In order to ensure safety, the socket and its cable must be able to withstand the current of above 10A.

## Safety and warning information

To reduce the risk of fire, electric shock, or injury to persons when using your product, basic safety precautions should be followed, including the following.

Read all instructions before using this appliance.

# Safety and warning information

## Safety and warning information



### WARNING

Do not damage the refrigerant circuit.

Refrigerant will cause serious injury when it splashing into the eyes. If it happened please go to hospital immediately.

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

Do not use electrical appliance inside the food storage chambers of the appliance, unless they are of the type recommended by the manufacturer.

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

The refrigerant and insulation blowing gas are flammable. When disposing of the appliance, do so only at an authorized waste disposal centre. Do not expose to flame.



### CAUTION

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.



### DANGER

Do not use or store inflammable materials ether, benzene, alcohol, medicine, LP gas, spray or cosmetics near or in the fridge. It may cause explosion or fire.

Do not put glassware in freezing chamber or refrigerator chamber air outlet, it may cause explosion or hurt.

Make sure of grounding.

Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.

The incorrect grounding may cause breakdown and electric shock.

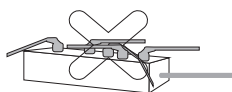
Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

This appliance is intended to be used in household and similar applications such as

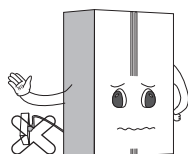
- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

# Safety and warning information

## Safety and warning information



- The dedicated outlet should be used.  
Using several devices at one outlet may cause fire.



- Install the appliance in a dry, well ventilated room.
- The appliance should be placed close to socket, it is easy to cut off the power supply at the time of the accident.
- Do not allow the power plug to face upward or to be squeezed at the back of the fridge.  
Water may be flown into or the plug may be damaged, which causes fire or electric shock.



- Do not allow the power cord bent or pressed by the heavy object to be damaged. If it is damaged, it must be replaced by the service agent or a similarly qualified person in order to avoid a hazard.

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.



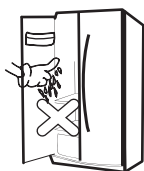
- Unplug the power plug when cleaning, handling the interior lamp of the fridge.

It may cause electric shock or injury.

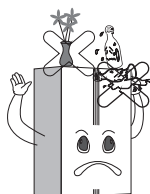
If the LED lamp is damaged, it must be replaced by the manufacturer, its service agent.



- Remove water or dust from the power plug with dry clean cloth, do not use wet hands touch it and insert it with the ends of the pins securely connected.



- Do not touch food or containers at the freezer with wet hands. It may cause frostbite.



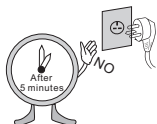
- Do not place the heavy object or the dangerous object, cup, flower vase, cosmetics, medicine or any container with water on the fridge.

It may be dropped to cause injury, fire or electric shock when opening or closing the door.

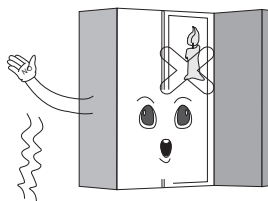
- Do not spray water at the outside or the inside of the fridge or do not clean it with benzene or thinner.

# Safety and warning information

## Safety and warning information

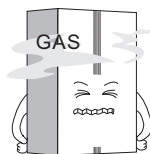


- Wait for 5 minutes or longer when reconnecting the plug. It may cause the operation of the freezer to fail.



- Do not use the fridge for non-domestic purpose (storing medicine or testing material, blood, using at the ship, etc. ) It may cause an unexpected risk such as fire, electric shock, deterioration of stored material or chemical reaction.

- Do not use drier to dry the inside, nor light a candle to remove odor. It may cause explosion or fire.
- Do not cling to the door or the trays of the door. It may make the fridge fall down or damage the hands. Especially, do not allow the children to do the above.

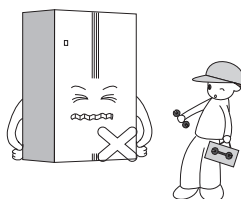


- When gas is leaked, do not touch the fridge or the outlet and ventilate the room immediately. The explosion by spark may cause fire or burn. When the gas is leaked by the severe damage during delivering, installing or using the fridge, any spark may cause fire or burn.

- Do not insert the hands or the metal stick into the exit of cool air, the cover, the bottom of the fridge, the heatproof grill (exhaust hole) at the backside. It may cause electric shock or injury.

- Do not put ice in thin crystal cup or ceramic ware. It may break cup or ceramic ware to cause injury.

- 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.



- Use the submerged the fridge after checking it. It may cause electric shock or fire.

- Do not install the fridge in the wet place or the place which water or rain splashes. Deterioration of insulation of electric parts may cause electric leakage. Please check the fridge regularly.

- Do not allow any person except the qualified engineer to disassemble, repair or alter the fridge. It may cause injury, electric shock or fire.



# Product Introduction

## Product features

- Energy saving and noise reduction  
It contains super freeze, energy saving, noise reduction, optimal refrigeration system to achieve.
- Precise temperature control  
Microcomputer control system separate to set, control and display the R-temperature and F-temperature, more precise control.
- Automatic defrosting  
Special program to reduce the temperature fluctuation of the fridge, it's for keeping food fresh.
- LED display and touch button  
Control board respectively display refrigerator and freezer chamber temperature setting and functional status; touch button operation is convenient.
- Door-opening alarm system  
If more than 1 minute door-opening, alarm system will remind you to close the door.
- Tempered glass, safe and reliable  
Tempered glass, safe and reliable, easy clean and durable.
- Easy clean and removable door seal  
Door seal is easy clean and removable, and long service life.

# Product Introduction

## Product components

All figures in this manual are schematic; some features and devices may not be consistent fully with your refrigerator and the specific structure and configuration shall be subject to the actual product.

**The appearance and specifications of the actual product may differ depending on the model.**



### A Freezer compartment

- 1 Freezer door tray
- 2 Freezer glass shelves
- 3 Freezer drawer

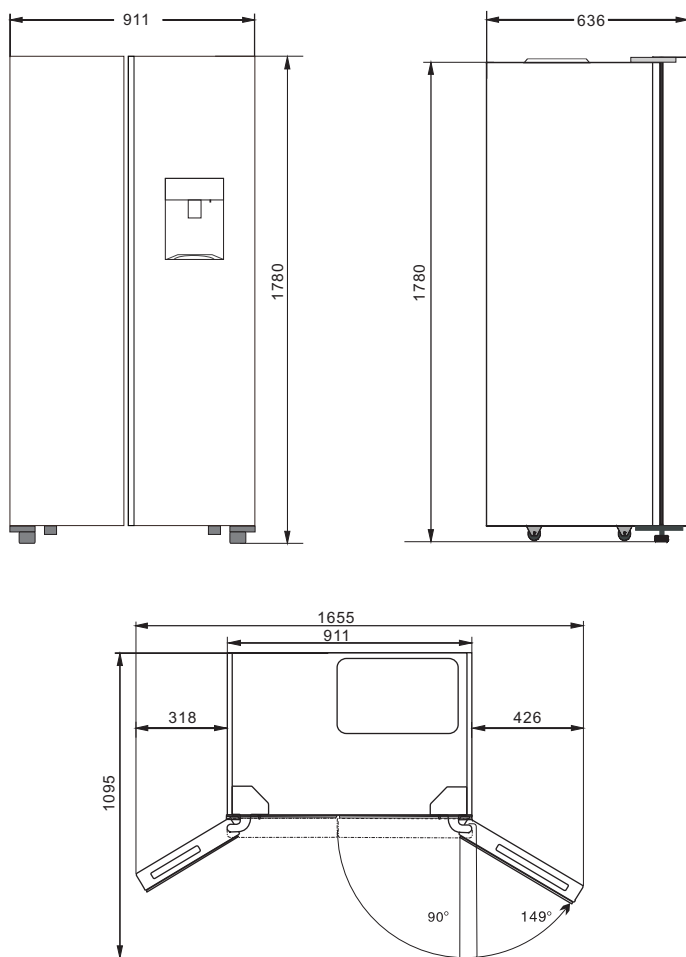
### B Refrigerator compartment

- 4 Refrigerator glass shelves
- 5 Refrigerator drawer
- 6 Refrigerator drinking machine

# Product Introduction

## Installation dimension

Select a good location to place your appliance where it is flat and easy to use. Avoid placing the unit near heat sources, direct sunlight or moisture.



The figure above is schematic for installation only, not representing the actual product. The specific dimension shall be subject to the product that you have bought.

- To ensure proper air circulation around the fridge, please maintain sufficient space. If install the top panel or closet, please maintain sufficient space to move when necessary.

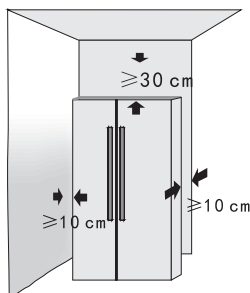
# Installation

## Transport



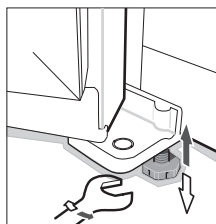
- Do not carry the refrigerator horizontally or reversely.
- Do not carry the refrigerator by holding the door or handle; the refrigerator shall be carried by lifting the bottom.

## Place environment



- The refrigerator must be placed on a hard, flat ground; if cushioning is needed, stable, hard, nonflammable cushion blocks shall be used, rather than the foam backing of refrigerator.
- The refrigerator shall be kept away from damp locations where water is easy to splash; water or dirt shall be removed with soft cloth timely to prevent rusting which may have an effect on the electrical characteristics.
- Place the refrigerator in a well-ventilated place, reserve a certain space around and behind the refrigerator, and do not cover or block the air grille on the rear cover plate of compressor at the back of refrigerator; Keep the refrigerator away from heat source or direct sunlight.

## Adjust plastic feet



- When the refrigerator stays in the packing box, plastic feet are in tightened state. After carrying it out from the packing box for placement, please make sure to adjust two front plastic feet until the height is suitable; just adjust two plastic feet with a wrench or directly by hand.
- Plastic feet and rear rollers must touch the ground to prevent the refrigerator from movement, vibration or noise. When moving the refrigerator, adjust plastic feet counterclockwise to keep them off the ground, and then push the refrigerator gently to move it.

# Operation

## Before Using

- Remove all packages, including the foam backing at the bottom of refrigerator and the tapes fixing accessories in the box.
- Place the refrigerator to a proper position, and adjust the feet to level. It is better to clean the refrigerator before use.
- Remove the film: There is a layer of transparent film on the panel of our product, which can protect products from being scratched in the process of production and transportation, and you can choose to reserve or remove the film as needed.
- Place the refrigerator and adjust to level, clean it, let the refrigerator stand for above 2 ~ 6 hours, and then power on to ensure that the refrigerator can operate normally.

## Starting and function setting

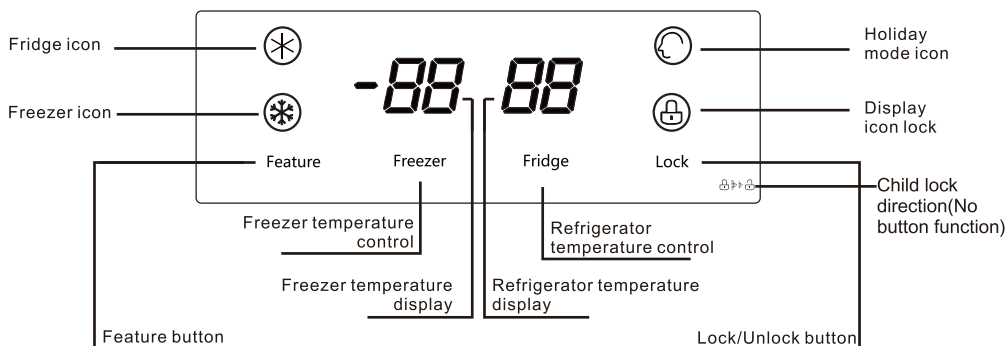
### Starting

- Connect the power cord, and turn on the power switch.
- Upon startup for the first time, the screen will display respective set temperature values (the temperature of refrigerating chamber is set as 5℃, temperature of freezing chamber -18℃)

### Function setting of LED display

- The default mode is energy saving upon startup: The screen displays for 20 s and then goes off. This mode to save energy and prolong the service life of LED lights.

## Control panel



# Operation

## Feature selection

Each press of the "Feature" button will cycle through the operating modes.

- **Holiday Mode** - the refrigerator will run at 6°C while the freezer will operate at -15°C.
- **Super freezer mode** - When the super freezer mode is selected, the compressor will operate continuously to freeze foods faster, and keep them fresh. The super freezer mode will automatically turn off either after 24 hours of operation, or when the freezer reaches -28°C. The super freezer icon will turn off, and the freezer will continue to operate at the normal set temperature.
- **Super fridge mode** - When the super fridge mode is selected, the fridge compartment reaches the set temperature in the shortest period, in order to keep the food as fresh as possible. Under this mode, the set temperature of the fridge compartment locks on 0°C. The program runs 150mins maximally then exits automatically, the super fridge icon goes out, which represents the super fridge function is disabled, the set temperature returns to the last one before the super fridge mode operates.

## Freezer compartment settings

- The default temperature of the freezer is -18°C. To change the temperature press the "Freezer" button to cycle through the set temperatures.



**Freezer**



Set Temperature

|       |       |
|-------|-------|
| -18°C | -15°C |
| -19°C | -16°C |
| -20°C | -17°C |
| -21°C |       |
| -22°C |       |
| -23°C |       |

**CAUTION:** Do not put fresh foods directly on the frozen foods.

# Operation

## Refrigerator compartment settings

- The default temperature of the refrigerator is 5°C. To change the temperature press the “Fridge” button to cycle through the set temperatures.



**Fridge**



Set temperature

|     |     |
|-----|-----|
| 5°C | 1°C |
| 4°C | 0°C |
| 3°C | 6°C |
| 2°C |     |

## Lock/unlock button

- This product has button lock function.



**Lock**



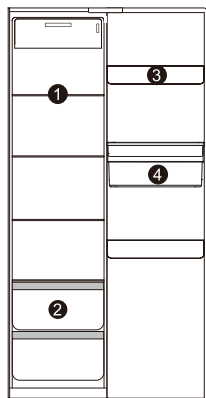
- Press the “Lock” button will enable lock mode and the lock icon will be visible.
- While the refrigerator is in this mode the other buttons on the control panel will not function, when the buttons are touched a chime will sound and the lock icon will flash.
- To exit lock mode press and hold the lock button for 3 seconds until the icon is no longer displayed.

## Open door alarm

- When the refrigerator door is open for above 1 min, the buzzer will alarm to remind users to close the door. After the door is closed, the alarm sound will stop automatically.

# Operation

## Refrigerator chamber

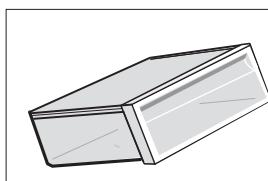


**The refrigerator chamber is mainly used to store foods that are preserved for a short time.**

- The refrigerator chamber is suitable for storing fruits, vegetables, drinks and other foods that will be eaten recently. It is suggested to seal foods and then put them into the refrigerator.

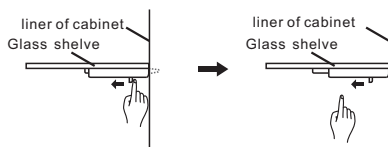
Suggested sections of refrigerator chamber for various foods and variety name:

- ① Glass shelf: wheaten foods, milk, etc.;
- ② Drawer: fruits, vegetables, etc.;
- ③ Top tray: dairy products, odorous foods, etc.;
- ④ Drinking machine: can store water and drink directly (Only direct drinking water or mineral water can be stored in the water tank).



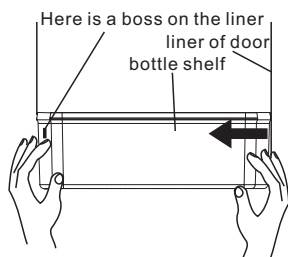
### ■ Fruit and vegetable box

The refrigerating chamber has a fruit and vegetable box, which can retain the moisture of fruits and vegetables and keep the humidity of the box proper. It is suitable for storing fruits and vegetables.



### ■ Glass shelves

When removing the glass shelf, please press the movable pin under the shelf with both hands and push inward at the same time. Then the glass shelf will be removed.



### ■ Bottle Shelf

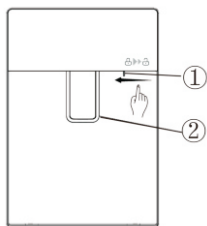
**Disassembly:** Hold both sides of the bottle shelf with both hands. Push it from the side without the boss and push it inward as the direction of the arrow. When pushing hard, please note that the buckle on the edge of bottle shelf is separated from the groove of the liner. Then bottle shelf can be removed.

**Installation:** Hold both sides of the bottle shelf with both hands. Install the buckle of the boss side at first. Then push the other side inward slightly, the buckle can be fixed.



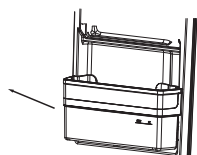
# Operation

## Instructions for child lock lever



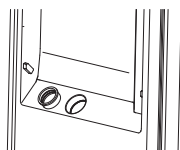
- Press the child's lock lever with your thumb as the direction as below ① and the water lever ② will be locked to prevent children from taking any water.  
Press in the opposite direction to unlock and take water

## Instructions for water tank assembly



- 1. Hold both sides of the tank with hands and pull the tank assembly off the door slightly in the direction indicated as below.

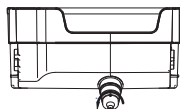
Notes: The transparent silicone parts of the sealed water valve could be brought out meantime when removing the water tank. If so, remove them, and re-install them according to the following steps.



- 1-1. Align the sealed part with the hole in the door and place it in it.



- 1-2. It will be completed when the step of sealed part can be fitted to the step in the hole.

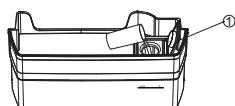


- 2. Rotate counterclockwise to remove the water valve assembly from the water tank for cleaning.



- 3. Pinch the flange of the water tank cover slightly upwards, and the water tank cover can be separated from the water tank. Remove the other side with the same method. The tank and its cover can be cleaned after disassembly.
- 4. Install the water valve by rotating it clockwise after cleaning. When installing the tank cover, install the one side at first (do not press it all the way), then install the other side. Press firmly on edges of the tank cover to fit the tank. Re-install the entire water tank assembly at 45° to the door. Press the outer edge of the water tank slightly downwards to make it fit into the door.

## Fill the tank with pure drink water(\*)

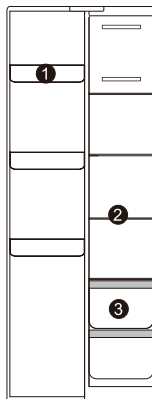


Open the inlet cover of water tank ①. Slowly fill the tank with pure drinking water up to the maximum fill line marked with "2L". Then close the inlet cover ①. To prevent any spills, please use a narrow-bore container to charge water.

\* Only direct drinking water or mineral water can be stored in the water tank

# Operation

## Freezing chamber

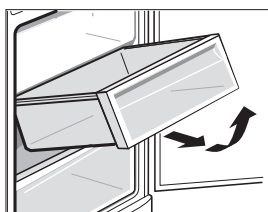


- **The freezing chamber is used to freeze foods, store deeply frozen foods and make ice cubes. It can preserve foods for a long time.**

The freezing chamber is suitable for retaining the freshness of foods for a long time. When storing meat, it is suggested to cut the meat into pieces which are easy to take out, and mark the freezing date to prevent foods from exceeding the time limit.

Suggested sections of freezing chamber for various foods and variety name:

- ① Upper bottle rack: small frozen articles;
- ② Glass shelf: frozen foods, such as fishes, meats and ice creams;
- ③ Drawer: packaged frozen foods, etc.;



- **Drawer of freezing chamber**

The upper drawer of freezing chamber can freeze and store large-volume foods, and the lower drawer is mainly used to store frozen foods.



### CAUTION

The food especially the oily food which stored in refrigerator ,please avoid the direct contact with the liner. When the interior stained with oil or oily food soup stains, should be cleaned immediately to avoid the long contact with the liner which may lead to the liner corrosion and cracking.

# Operation

## Storage of foods



### CAUTION

#### Instructions for storing foods

- When storing freezing foods, put them to the inside of freezing chamber, other than the bottle rack.
- Do not put bottled or canned foods into the freezing chamber to prevent frost cracking.
- Before putting hot foods into the refrigerator, cool them to room temperature first; otherwise, they will increase power consumption.
- Mark the freezing date on the packaging bag according to different storage lives of foods, so as to prevent foods from exceeding the time limit.
- Divide foods into proper pieces and package them separately, which are easy to freeze thoroughly and will not frozen together.
- The packaging materials shall be odorless, airtight, watertight and pollution-free, so packaged foods are not easy to taint by other odor, without quality reduction.
- Do not put too many fresh foods into the freezing chamber once, preferably not exceeding the freezing capacity value of refrigerator.
- Melted foods can not be frozen again, unless they are made into dishes; otherwise, their service quality will be affected.
- Glass bottles or glass containers shall not be placed into the freezing chamber or at the air outlet of refrigerating chamber duct; otherwise, they may explode.
- Foods can not block the air outlet; otherwise, abnormal air circulation will be caused.

## Energy saving tips

- Make sure to keep the refrigerator away from heat source and direct sunlight.
- Before storing hot foods, cool them to room temperature and then put into refrigerator.
- Close the door timely, reduce the opening frequency, and shorten the opening time.
- When unfreezing frozen foods, you can put them into the refrigerating chamber, which will assist in refrigeration of the refrigerating chamber.
- Make sure that the temperature sensor is not covered or blocked by foods, and keep proper distance with foods.

# Maintenance

## Defrosting

**This production has automatic defrosting function, without manual operation.**

## Cleaning

### **Precautions for internal and external cleaning of refrigerator:**

- Before cleaning, always turn off the power switch, disconnect the power plug.
- During cleaning, make sure that no water will enter the switch, control panel, door lamp and top control box.
- Remove dirt from the outside of refrigerator with mild cleaner, then wipe with clean soft cloth, and let the refrigerator dry naturally.
- When cleaning door sealing strip, always use clean water, wipe with dry cloth and let it dry naturally. Wet soft cloth with warm water or neutral cleaner to wipe the refrigerator body except the door sealing strip.
- It is forbidden to flush the refrigerator directly with water, which will affect electrical insulation properties, etc.
- It is forbidden to clean the refrigerator with metal wipers, ware brushes, coarse abrasive cleaners, strong alkaline detergents, or flammable or toxic cleaning fluids.

**After cleaning, connect the power plug of refrigerator, and connected with the refrigerator.**

## General information

### **On vacation**

- When you want to leave for vacation, you had better to make the refrigerator operate continuously and leave foods that can be stored for a short time. If you want to stop the refrigerator, remove all foods, disconnect the power plug, clean the inside of refrigerator fully, and open the door to avoid producing abnormal odors.

### **At power failure**

- Generally, short-term power failure will not affect the temperature of the refrigerator sharply. However, if power failure lasts for a long time, you shall reduce the opening frequency of refrigerator, and shall not put fresh foods into the refrigerator (prevent rise in the temperature of refrigerator from speeding up).
- If you know power failure is coming, you can turn on the "Super Freezer" function in advance to keep the temperature of refrigerator to the lowest value.

### **Shutdown**

- Generally, it is not suggested to stop refrigerator or turn off the power switch; otherwise, the life of refrigerator may be affected.

# Maintenance

## Normal phenomena

### ■ **Button failure**

Please check the control board whether the fridge under lock mode. When under lock mode, all buttons can't work.

### ■ **Low voltage, the compressor can't start**

You should purchase pressurizer of more than 1000W when the area of the appliance installation, that's better to protect your fridge.

### ■ **Long time to start**

When the ambient temperature too high, it will take long time to start the appliance.

### ■ **Middle beams feel hot**

Middle beams feel hot after a period of time of the appliance run, it belongs to the normal phenomenon.

### ■ **Dew drops**

When external air flows into the cool inner surface of the fridge, dew drops can be formed.

If the humidity of the installed location is high or during the rainy season, dew drops can form on the outer side of the fridge. This is a natural phenomenon that occurs during the humid weather, Wipe the water drops with a dry cloth.

### ■ **Noise**

When you operate the fridge for the first time, the fridge will operate at high speed to cool fast and the sound can seem louder. When the internal temperature falls below a certain level, the noise will subside.

When the operation of the compressor is starting or ending; various parts expanding/contracting or various control devices operating or temperature change within the fridge, you will hear the sounds, these are normal sounds.

### ■ **Compressor hot**

When working, the temperature of the compressor outer is more than 80℃, please do not touch the compressor, it may cause serious injury.

### ■ **Compressor long time running**

When the ambient temperature too high or put too much fresh foods into the fridge, it will take long time to cool down until the appliance run at the setting temperature.

# Maintenance

## Trouble shooting

Before calling for service, review this list. It may save you both time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

| Fault                           | Possible cause                                                                                                                                     | Remedial action                                                                                                                                                                                                                         |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No display on the display panel | The mains plug of the appliance is not in the socket properly.<br>The fuse for the domestic supply is switched off.                                | Check whether the power is on;<br>the fuse must be switched on.                                                                                                                                                                         |
| Alarm sound                     | Door is slightly open or not close more than 1 minute.                                                                                             | Close the door completely.                                                                                                                                                                                                              |
| The compressor do not work      | It's under defrosting mode.<br>Power is not connected well.                                                                                        | It's normal for defrosting;<br>Check whether the power is connected well.                                                                                                                                                               |
| Compressor runs too long        | The fridge has recently been disconnected for a period of time;<br>Put too much fresh or hot food;<br>Doors are opened too frequently or too long. | It takes some hours for the fridge to cool down completely;<br>Hot food will cause the fridge to run longer until the desired temperature is reached;<br>Warm air entering the fridge cause it to run longer. Open the door less often. |
| Vibrating noise                 | Floor is uneven or weak;<br>Items placed on the top of the fridge are vibrating;<br>Fridge is touching wall or cabinets.                           | Be sure floor is level and solid and can adequately support fridge;<br>Remove items;<br>Move fridge so that does not touch the wall or cabinets;                                                                                        |

# Branches

If you have followed the instructions and still have a problem, contact the customer care line on 086 100 3339. They will be able to advise you on any aspect of the product or send a qualified technician to repair it.

---

## **South African Branches:**

### **BLOEMFONTEIN**

Unit Number 5  
Monument Business Park  
50 Monument Road  
Oranjesig, Bloemfontein  
[Bloemfontein.Service@defy.co.za](mailto:Bloemfontein.Service@defy.co.za)

### **CAPE TOWN**

5A Marconi Rd. Montague Gardens, 7441  
[CapeTown.Service@defy.co.za](mailto:CapeTown.Service@defy.co.za)

### **DURBAN**

135 Teakwood Road, Jacobs,  
Durban, 4052  
[Durban.Service@defy.co.za](mailto:Durban.Service@defy.co.za)

### **EAST LONDON**

Robbie de Lange Road, Wilsonia,  
East London, 5201  
[EastLondon.Service@defy.co.za](mailto:EastLondon.Service@defy.co.za)

### **GAUTENG, MIDRAND**

127 15th Road, Cnr Pharmaceutical & 15th Rd,  
Midrand, Gauteng  
[Gauteng.Service@defy.co.za](mailto:Gauteng.Service@defy.co.za)

### **POLOKWANE**

87 Nelson Mandela Drive, Superbia 0699  
[Polokwane.Service@defy.co.za](mailto:Polokwane.Service@defy.co.za)

### **PORT ELIZABETH**

112 Patterson Road, North End, Port Elizabeth  
6001  
[PortElizabeth.Service@defy.co.za](mailto:PortElizabeth.Service@defy.co.za)

## **Sub-Saharan Africa Branches:**

### **ZAMBIA: SOUTHGATE INVESTMENTS LTD**

Plot 1606, Sheki Sheki Road  
P.O. Box 33681  
Lusaka, 10101, Zambia  
Tel: +260 0211 242332/3  
Fax: +260 0211 242933  
[sgiservicecentre@microlink.zm](mailto:sgiservicecentre@microlink.zm)

### **NAMIBIA: ATLANTIC DISTRIBUTORS (PTY) LTD**

10 Tienie Louw Street, Northern Industrial Area  
P.O. Box 21158, Windhoek, Namibia  
Tel: (061) 216162  
Fax: (061) 216134  
[atlantic@mweb.com.na](mailto:atlantic@mweb.com.na)

### **ZIMBABWE: TRADECOMAFRICA**

Trade Com Africa, 183 Loreley Crescent  
Msasa, Harare, Zimbabwe  
Tel: +263 4 486165/6  
Cell: +263 772 469010  
Cell: +263 772 469011

### **BOTSWANA: RAY MORGAN AGENCIES**

RMA Service Centre, Plot 48, East Gate  
Gaborone International Commerce Park  
Kgale View, Gaborone  
Botswana  
Tel: +267 390 3996 / 390 3912  
Fax: +267 318 7376  
Cell: +267 7134 6539  
[service@rma.co.bw](mailto:service@rma.co.bw); [raja@rma.co.bw](mailto:raja@rma.co.bw)

### **SWAZILAND: LYNDS DISTRIBUTORS**

P.O Box 716, Mbabane, Swaziland, H100  
Tel: (00268) 2515 4310/8  
Fax: (00268) 2518 4318

### **MOZAMBIQUE: COOL WORLD. LDA**

Rua da Resistencia No. 97B R/C  
Cell: +258 84 44 61 234  
[coolworldlda@hotmail.com](mailto:coolworldlda@hotmail.com)  
Nosso Show Room  
Av: da Industrias, Parcela No.735 \* 735A  
Machava, Maputo

# Warranty

---

This certificate is issued by DEFY APPLIANCES LIMITED manufacturers of Defy and Ocean products, hereinafter the Company, to the original purchaser only, of the appliance described on the certificate and shall constitute the only warranty given in respect of this appliance.

The Company warrants to the original purchaser that for a period of \*THREE YEARS from date of purchase, plus an additional \*TWO years on registration, the appliance is free from defect under normal domestic use, both in workmanship and material, subject to the following conditions.

1. Repair or replacement of any part of this appliance, found by the Company to be defective, shall be at the election of the Company. The Company reserves the right to effect such service through any of its Service Divisions or Authorised Service Dealers. The cost of such service shall be borne by the Company in full, provided that the appliance is located no further than 50km from a Company Service Centre or an Authorised Service Dealer. Where the appliance is located beyond the 50km radius, the purchaser shall be liable for the standard travelling charges, as determined by the Company.
2. Vitreous enamelware, fuses and lamps are specifically excluded from these warranties. It is an express condition of these warranties that the purchaser takes due care and attention in the use and maintenance of the appliance. Abuse, misuse in conflict with operating instructions, connection to incorrect voltages and subjection to commercial use shall release the Company from its obligations.
3. This warranty shall become void and cease to operate if the appliance is dismantled by, or any repairs to the appliance are effected by any persons not duly authorised by the Company, or if substitute parts not approved by the Company are used in the appliance, or if the serial number of the appliance is removed.
4. The Company shall not be responsible for damages resulting from fire, flood, civil disturbances or any Act of God. The Company shall not, in terms of these warranties be responsible nor held liable for any consequential loss or damage of any kind caused by or due to the failure or malfunction of the appliance. The Company shall not be responsible for damages caused by insect and/or animal infestation.
5. The Company shall not be responsible for transportation or other costs other than those incurred within the provisions of Point 1 of this Certificate.
6. **For warranties in the Republic of South Africa and Sub-Saharan Africa, please contact the customer care line. Please refer to the previous page for respective South African branches and Sub-Saharan Africa branches.**
7. Where service is requested under warranty and no fault or defect can be found by the Company, all costs incurred will be for the purchaser's account.
8. This Certificate as well as your invoice will serve as proof of purchase. For the purpose of warranty, it will be essential to produce this Certificate and invoice. Failure to do so, will render the purchaser liable for service costs.

**KEEP THIS CERTIFICATE AND SALES INVOICE AS PROOF OF PURCHASE FOR WARRANTY PURPOSES.**

\*THREE YEARS full coverage, additional \*TWO YEARS (with registration) will cover only parts, labour cost to be charged accordingly. Please register your product at [www.defy.co.za](http://www.defy.co.za) in order to activate the additional two year warranty.