

User Instruction

American style fridge freezer

FRAH52WD3S / FRAH52WD3B

Customer Helpline Number : 03330 144477

For more information, Visit DAEWOO ELECTRONICS Website
www.daewooelectronics.co.uk

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

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

Children and vulnerable people safety

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

General safety

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

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

 **WARNING!** Do not damage the refrigerant circuit.

 **WARNING!** Do not use other electrical appliances inside of fridge compartments of the appliances, unless they are approved for the purpose by manufacturer.

 **WARNING!** Do not touch the light bulb if it has been on for a long period of time because it could be very hot.¹⁾

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- The appliance contains a certain amount of isobutane refrigerant(R600a), a natural gas with a high level of environmental compatibility, that is, however, also combustible.
- When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
 - If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which appliance is standing for several minutes.
- It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short circuit, fire and/or electric shock.
- This item is designed for domestic use only.

 **WARNING!** Any electrical components(plug, power cord, compressor and etc.) must be replaced by a certified service agent or qualified service personnel.

 **WARNING!** The light bulb supplied with this appliance is a “special use lamp bulb” usable only with the appliance supplied. This “special use lamp” is not usable for domestic lighting.¹⁾

¹⁾ If there is a light in the compartment.

- Power cord must not be lengthened.
- Make sure that the power plug is not squashed or damaged by the back of the appliance. A squashed or damaged power plug may overheat and cause a fire.
- Do not use the multiple adapter bar or extension cable.
- Do not pull the mains cable.
- If the power plug socket is loosen, do not insert the power plug. There is a risk of electric shock or fire.
- You must not operate the appliance in a dark.
- This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment if you hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Avoid prolonged exposure of the appliance to direct sunlight.

Daily use

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

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.¹⁾
- Regularly examine the drain in the fridge for defrosted water. If necessary, clean the drain. If the drain is blocked, water will collect in the bottom of the appliance.²⁾

1) If there is a freezer compartment.

2) If there is a fresh-food storage compartment.

Installation

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

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

Service

- Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Center, and only genuine spare parts must be used.

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 meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste.

In the European Union and Other European countries there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potential hazards to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product.

The recycling of materials will help conserve natural resources.

Please do not therefore dispose of your old electrical and electronic equipment with your household waste.

For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

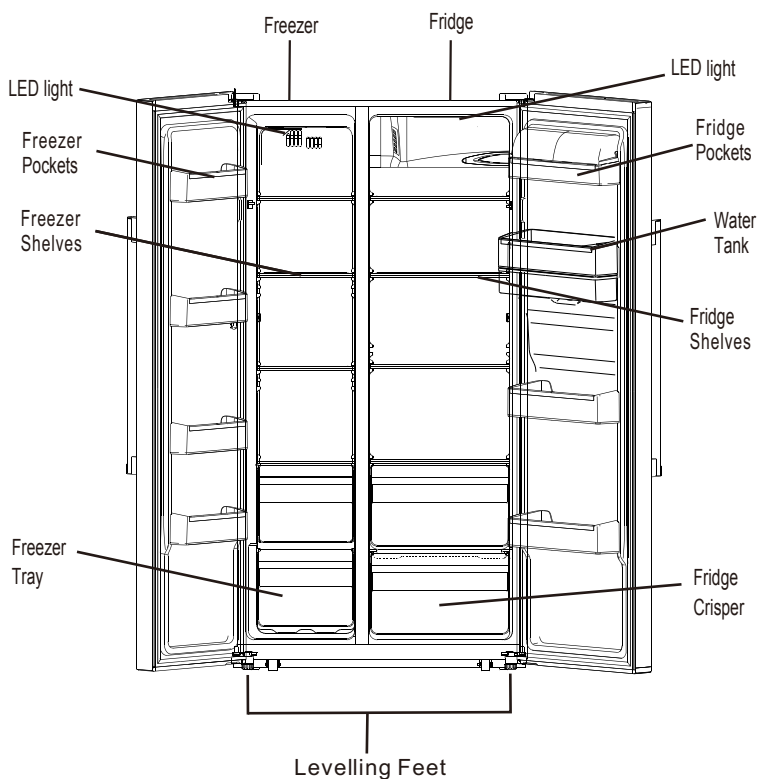
Packaging materials

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

Disposal of the appliance

1. Disconnect the mains plug from the mains socket.
2. Cut off the mains cable and discard it.

Overview



Note: Above picture is for reference only. Real appliance probably is different.

Installation

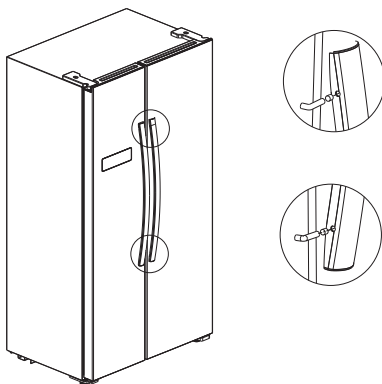
If kitchen door is not wide enough to pass the fridge, handle and doors can be removed according to below process.

Remove the handles

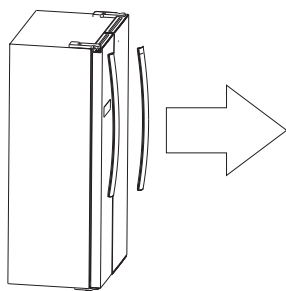
Tool required: Hex wrench in accessory bag.

- Ensure the unit is unplugged and empty.
- All parts removed must be saved to do the reinstallation of the door.

1. Unscrew handles with Hex wrench.



2. Pull the handles to remove them.



3. After the appliance is positioned, install the handles as reversed process.

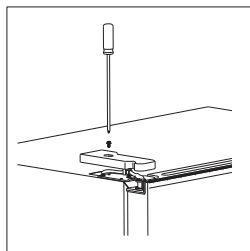
Installation

Remove the doors

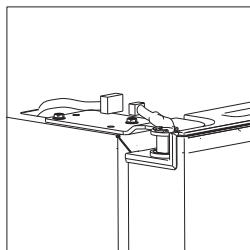
Tool required: Philips screwdriver, Flat bladed screwdriver.

- Ensure the unit is unplugged and empty.
- To take the door off, it is necessary to tilt the unit backwards. You should rest the unit on something solid so that it will not slip during the door removing process.
- All parts removed must be saved to do the reinstallation of the door.
- Do not lay the unit flat as this may damage the coolant system.
- It's better that 2 people handle the unit during assembly.

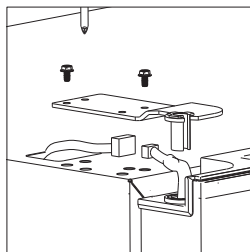
1. Unscrew hinge cover by Philips screwdriver.



2. Disconnect the harness.

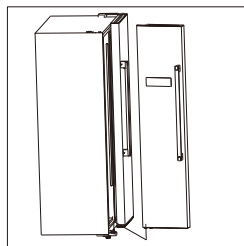


3. Unscrew top hinge.

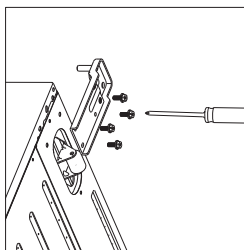


Installation

4. Lift the door and place it on a soft pad. Then remove another door as same process.



5. Unscrew bottom hinges.

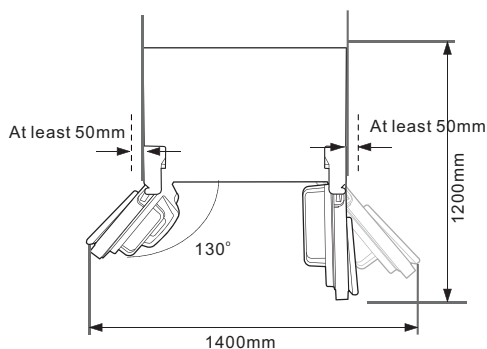
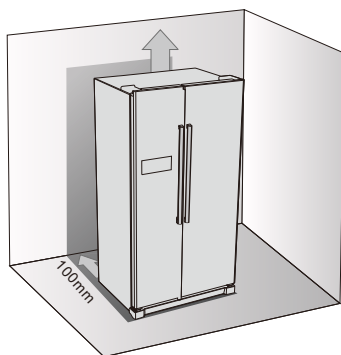


6. After the appliance is positioned, install the doors as reversed process.

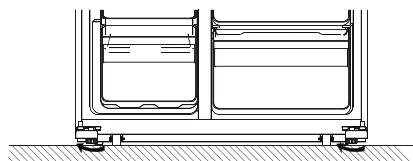
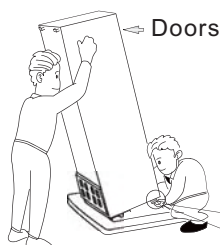
Installation

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 and anchor the fridge



- Levelling and anchor the fridge by adjust the feet.
- Clockwise rotate feet to heighten them by hand.
- Anticlockwise rotate feet to lower them by hand.

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
SN	+10°C to +32°C
N	+16°C to +32°C
ST	+16°C to +38°C
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

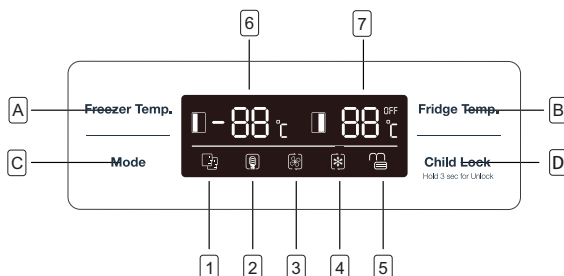
Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply. This appliance **MUST BE PLUGGED** in an **EARTHED SOCKET**. The power supply cable plug is provided with a contact for this purpose. If the domestic power supply socket is not 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

General installation

- Leave the appliance to stand for 2 - 4 hours before switching on to allow the gases to settle.
- Wait 2-3 hours until the inside gets cold enough after the first power plug-in, then store foods inside(There can be some smell on initial operation of the fridge after plugging in. The smell fades away as the fridge works and doors are opened and closed).
- The appliance can be noisy for first 7-10 days whilst setting.
- The door seals may seem very tight for the first few days. This is normal and does not indicate a fault.

Daily Use

Using the Control Panel



Buttons

- A** Press to adjust temperature of freezer compartment (left side) from -14°C to -22°C.
- B** Press to adjust temperature of fridge compartment (right side) from 2°C to 8°C and "OFF". If select "OFF", fridge compartment will be turned off.
- C** Press to select running mode from **SMART**, **ECO**, **SUPER COOLING**, **SUPER FREEZING** and **USER'S SETTING** (no symbol in display).
- D** Press **3 SEC.** button and hold for 3 seconds to lock other three buttons.
Press it and hold for 1 second to unlock other three buttons.

Display

- 1** **SMART** mode, the fridge sets the temperature of two compartments automatically according to internal temperature and ambient temperature.
- 2** **ECO** mode, the fridge runs in lowest energy consumption setting.
- 3** **SUPER COOLING** cools the fridge compartment to the lowest temperature for approx. 2 hours. Then the temperature set before super mode is automatically restored.
- 4** **SUPER FREEZING** cools the freezer compartment to the lowest temperature for approx. 6 hours. Then the temperature set before super mode is automatically restored.
- 5** **LOCK**, the symbol will light on if buttons are locked.
- 6** Display the setting temperature of freezer compartment.
- 7** Display the setting temperature of fridge compartment.

Door Open Alarm

If the door keeps open for 90 seconds, periodical alarm will be go off until the door is closed.

Daily Use

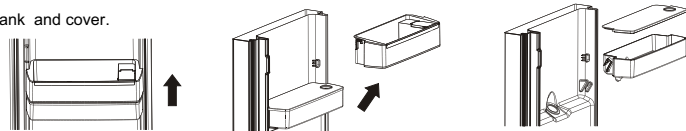
Using the Water Dispenser

The water dispenser allows you to get chilled water without opening the fridge compartment door

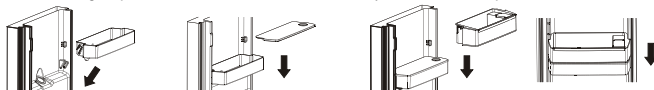
Before first use

Before using the water dispenser for the first time, remove and clean the water tank located inside the fridge compartment.

1. Lift and take off tank pocket first, then take off water tank with cover. Detach the cover to wash and clean the tank and cover.



2. After cleaning, reposition water tank, cover and tank pocket as below process.



3. Clean the dispenser pad outside the fridge door.



Filling the water tank with water

1. Open the small lid



2. Fill the water tank with drinkable water up to 2.5L line.
3. Close the small lid on the cover



Dispensing

To dispense water, push the dispenser pad gently, using a glass or container.

To stop the flow of water, pull your glass away from the dispenser pad.

Caution!

Do not fill water tank with any liquid other than drinking water, beverages such as fruit juice, carbonated fizzy soda drinks, alcoholic drinks are not suitable for use with water dispenser. If such liquids are filled, the water dispenser may be malfunction and may be damaged beyond repair. Some chemical ingredients and additives in such drinks / beverages may also attack and damage water tank.

Only use clean pure drinking water.

Capacity of the tank is 2.5 L, do not over fill.

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

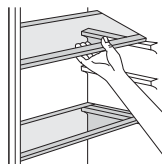
Deep-frozen or frozen food, prior to be used, can be thawed in the fridge compartment or at room temperature, depending on the time available for this operation.

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



Positioning the door pockets

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

Hints for storage of frozen food

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

make sure that the commercially frozen foodstuffs were adequately stored by the retailer;
be sure that frozen foodstuffs are transferred from the food store to the freezer in the shortest possible time;

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

Once defrosted, food deteriorates rapidly and cannot be refrozen.

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

Hints for fresh food refrigeration

To obtain the best performance:

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

Hints for refrigeration

Useful hints:

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

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.

Daily Use

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

Troubleshooting



Caution! Before troubleshooting, disconnect the power supply. Only a qualified electrician or competent person must do the troubleshooting that is not in this manual.

Important! There are some sounds during normal use (compressor, 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.
The food is too warm.	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 look in the installation location section.
Appliance cools too much	Temperature is set too cold.	Turn the temperature regulation knob to a warmer setting temporarily.
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.
Water on the floor	Water drain hole is blocked.	See the Cleaning and Care section.
Side panels are hot	It's normal. Heat exchange is in the side panels	Take gloves to touch side panels if need.

If the malfunction shows again, contact the Service Center.

Repairs- after sales service

Your fridge freezer comes with a free two year warranty. If it is not working correctly, consult the trouble shooting guide within this instruction manual. If a fault occurs which you can not resolve through following the advice and information contained within this user guide, the next step is to contact our service centre.

When you contact service centre you will need to give the following details;

- Your name , address and post code
- Your telephone number
- Clear and concise details of fault
- The purchase date as found on your receipt.
- The model and serial number of the fridge freezer. so that you always have these numbers at hand.
we recommend you make a note of them here.

- Model number : _____

- Serial number : _____

***Note :** If you call out an engineer to a fault or to repair a fault caused by incorrect use or installation, a charge could be made even if the fridge freezer is under guarantee.

****Model number and serial numbers are on the label on the right hand wall in fridge.**



Customer Helpline Number : 01189 252577

Spare Parts : 0844 557 0270 or www.4daewoo.co.uk

DAEWOO ELECTRONICS Website www.daewooelectronics.co.uk