

**Frost Free Combi  
Fridge Freezer**

**KNM4551i**

Operating instructions

**Blomberg**



## **Please read this manual first!**

Dear Customer,

We hope that your product, which has been produced in a 1st-class manufacturing facility and checked under the most meticulous quality control procedures, will provide you with years of good service.

For this, we recommend you to carefully read the entire manual of your product before using it and keep it at hand for future reference.

## **This manual**


- Will help you use your appliance quickly and safely.
- Read the manual before installing and operating your product.
- Follow the instructions, especially those for safety.
- Keep the manual in an easily accessible place as you may need it later.
- Besides, read also the other documents provided with your product.

Please note that this manual may be valid for other models as well.

## **Symbols and their descriptions**

This instruction manual contains the following symbols:

 Important information or useful usage tips.

 Warning against dangerous conditions for life and property.

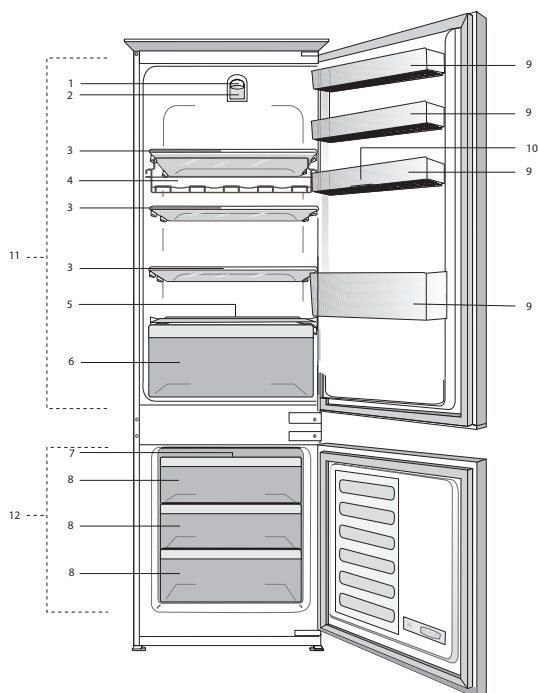
 Warning against electric voltage.

---

<b>1 Your refrigerator</b>	<b>3</b>	<b>5 Using your refrigerator</b>	<b>12</b>
<b>2 Warnings</b>	<b>4</b>	Temperature Control And Adjustment .....	12
Electrical Requirements .....	5	Storing Frozen Food .....	13
Warning! This Appliance Must Be Earthed .....	5	Freezing Fresh Food .....	13
Energy Saving Tips .....	6	Making Ice Cubes.....	13
Compliance with WEEE Directive and Disposing of the Waste Product: .....	6	Defrosting .....	14
Compliance with RoHS Directive: .....	6	<b>6 Maintenance and cleaning</b>	<b>15</b>
Package information .....	6	<b>7 Do's and Don'ts</b>	<b>16</b>
<b>3 Installation</b>	<b>7</b>	<b>8 How To Obtain Service</b>	<b>17</b>
Points to be considered when re-transporting your refrigerator .....	7	<b>9 Guarantee Details</b>	<b>18</b>
Before operating your refrigerator .....	7		
Disposing of the packaging .....	8		
Disposing of your old refrigerator .....	8		
Placing and Installation .....	8		
Installation Instructions .....	9		
<b>4 Before operating</b>	<b>11</b>		
Final Check .....	11		

# 1 Your refrigerator

Congratulations on your choice of a BLOMBERG quality Appliance which has been designed to give you service for many years.



- |   |                            |
|---|----------------------------|
| 1. Temperature setting knob                         | 8. Freezer compartment     |
| 2. Interior light                                   | 9. Adjustable door shelves |
| 3. Adjustable shelves                               | 10. Egg tray               |
| 4. Wine rack  | 11. Fridge compartment     |
| 5. Defrost water collection channel -<br>Drain tube | 12. Freezer compartment    |
| 6. Crispers   |                            |
| 7. Ice bank   |                            |

**i** Figures that take place in this instruction manual are schematic and may not correspond exactly with your product. If the subject parts are not included in the product you have purchased, then it is valid for other models.

## 2 Warnings

---

- DO NOT connect your appliance to the electricity supply until all packing and transit protectors have been removed.
- Leave to stand for at least 4 hours before switching on to allow compressor oil to settle if transported horizontally.
- If you are discarding an old refrigerator with a lock or latch fitted to the door, disable the lock/latch, ensure that it is left in a safe condition to prevent the entrapment of young children.
- This fridge/freezer must only be used for its intended purpose i.e the storing and freezing of edible foodstuff.
- Do not dispose of the appliance on a fire. At **BLOMBERG**, the care and protection of our environment is an ongoing commitment. This appliance which is among the latest range introduced is particularly environment friendly. Your appliance contains non CFC / HFC natural substances in the cooling system (Called R600a) and in the insulation (Called cyclopentane) which are potentially flammable if exposed to fire. Therefore, take care not to damage, the cooling circuit / pipes of the appliance in transportation and in use. In case of damage do not expose the appliance to fire or potential ignition source and immediately ventilate the room where the appliance is situated.
- We suggest you contact your local authority for disposal information and facilities available.
- See Installation Instructions on page 9 for information on suitable location.
- To obtain the best possible performance and trouble free operation from your appliance it is very important to carefully read these instructions.
- On delivery, check to make sure that the product 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 or extension cable.
- Failure to observe these instructions may invalidate your right to free service during the guarantee period.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- We suggest you keep these instructions in a safe place for easy reference.
- 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.

## Electrical Requirements

Before you insert the plug into the wall socket make sure that the voltage and the frequency shown on the rating plate inside the appliance corresponds to your electricity supply.

Rating label is on the left hand side of fridge inner liner.

We recommend that this appliance be connected to the mains supply via a suitable switched and fused socket. The appliance must be positioned so that the plug is accessible.

**WARNING:** When positioning the appliance ensure the supply cord is not trapped or damaged.

Should the mains lead of the appliance become damaged or should it need replacing at any time, it must be replaced by a special purpose made mains lead which can only be obtained from a BLOMBERG Authorised Service Agent.

## Warning! This Appliance Must Be Earthed


If the fitted moulded plug is not suitable for your socket, then the plug should be cut off and an appropriate plug fitted. Destroy the old plug which is cut off as a plug with bared cord could cause a shock hazard if inserted into a socket elsewhere in the house.

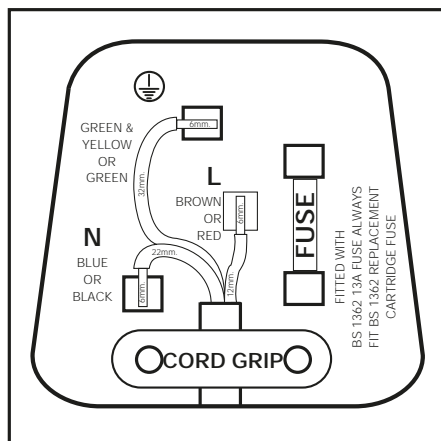
The moulded plug on this appliance incorporates a 13 A fuse. Should the fuse need to be replaced an

ASTABEAB approved BS 1362 fuse of the same rating must be used. Do not forget to refit the fuse cover. In the event of losing the fuse cover the plug must not be used until a replacement fuse cover has been fitted. Colour of the replacement fuse cover must be the same colour as that visible on the pin face of the plug. Fuse covers are available from any good electrical store.

### Important! Fitting A Different Plug

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug proceed as follows: (See diagram).

1. Connect the green-yellow or green (Earth) wire to the terminal in the plug marked 'E' or with the symbol  or coloured green and yellow or green.
2. Connect the blue (Neutral) wire to the terminal in the plug marked 'N' or coloured black.
3. Connect the brown (Live) wire to the terminal in the plug marked 'L' or coloured red.
4. With alternative plugs a 13 A fuse must be fitted either in the plug or adaptor or in the main fuse box. If in doubt contact a qualified electrician.



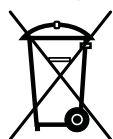
## Energy Saving Tips

1. Ensure your appliance is installed in a well ventilated area.
2. Ensure the time between buying chilled/frozen food and placing them in your appliance is kept at minimum, particularly in summer. We recommend you use a cool bag or a special carrier bag to carry frozen food.
3. Do not leave the door (s) of your appliance open longer than necessary and ensure they are closed properly after each opening.
4. Defrost frozen food in the fridge, so that frozen food acts as an ice pack to assist cooling in fridge.

## Compliance with WEEE Directive and Disposing of the Waste Product:

This product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for waste electrical and electronic equipment (WEEE). This product has been manufactured with high quality parts and

materials which can be reused and are suitable for recycling. Do not dispose of the waste product with normal domestic and other wastes at the end of its service life. Take it to the collection center for the recycling of electrical and electronic equipment. Please consult your local authorities to learn about these collection centers.



## Compliance with RoHS Directive:

The product you have purchased complies with EU RoHS Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

## Package information

Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.

### 3 Installation

⚠ Please remember that the manufacturer shall not be held liable if the information given in the instruction manual is not observed.

#### Points to be considered when re-transporting your refrigerator

1. Your refrigerator must be emptied and cleaned prior to any transportation.
2. Shelves, accessories, crisper and etc. in your refrigerator must be fastened securely by adhesive tape against any jolt before repackaging.
3. Packaging must be adequate and the rules of transportation printed on the package must be followed.

#### Please do not forget...

Every recycled material is an indispensable source for the nature and for our national resources.

If you wish to contribute to recycling the packaging materials, you can get further information from the environmental bodies or local authorities.

#### Before operating your refrigerator

Before starting to use your refrigerator check the following:

1. Is the interior of the refrigerator dry and can the air circulate freely in the rear of it?
2. Please install the 2 plastic wedges as illustrated in the figure. Plastic wedges will provide the required distance between your refrigerator and the wall in order to allow the air circulation. (The illustrated figure is only an example and does not match exactly with your product.)

3. Clean the interior of the refrigerator as recommended in the "Maintenance and cleaning" section.
4. Plug the refrigerator into the wall outlet. When the fridge door is open, the fridge compartment interior light will come on.
5. You will hear a noise as the compressor starts up. The liquid and gases sealed within the refrigeration system may also give rise to noise, even if the compressor is not running and this is quite normal.
6. Front edges of the refrigerator may feel warm. This is normal. These areas are designed to be warm to avoid condensation.

#### Electric connection

Connect your product to a grounded socket which is being protected by a fuse with the appropriate capacity.

Important:

- The connection must be in compliance with national regulations.
- The power cable plug must be easily accessible after installation.
- The specified voltage must be equal to your mains voltage.

**WARNING:** Do not locate extension sockets or charging transformers/power supplies or Lithium-Iron battery operated products adjacent to the compressor as they could overheat.

- Extension cables and multiway plugs must not be used for connection.

⚠ A damaged power cable must be replaced by a qualified electrician.

⚠ Product must not be operated before it is repaired! There is danger of electric shock!

## Disposing of the packaging

The packing materials may be dangerous for children. Keep the packing materials out of the reach of children or dispose of them by classifying them in accordance with the waste instructions. Do not dispose of them along with the normal household waste.

The packing of your refrigerator is produced from recyclable materials.

## Disposing of your old refrigerator

Dispose of your old refrigerator without giving any harm to the environment.

- You may consult your authorised dealer or waste collection center of your municipality about the disposal of your refrigerator.

Before disposing of your refrigerator, cut out the electric plug and, if there are any locks on the door, make them inoperable in order to protect children against any danger.

## Placing and Installation

⚠ If the entrance door of the room where the refrigerator will be installed is not wide enough for the refrigerator to pass through, then carefully remove the doors of your refrigerator and pass it sideways through the door.

1. Install your refrigerator to a place that allows ease of use.
2. Keep your refrigerator away from heat sources, humid places and direct sunlight.
3. There must be appropriate air ventilation around your refrigerator in order to achieve an efficient operation. If the refrigerator is to be placed in a recess in the wall, there must be at least 5 cm distance with the ceiling and at least 5 cm with the wall. If the floor is covered with a carpet, your product must be elevated 2.5 cm from the floor.
4. Place your refrigerator on an even floor surface to prevent jolts.
5. Do not keep your refrigerator in ambient temperatures under 10°C.

## Installation Instructions

1. The space in the room where the appliance is installed must not be smaller than 10 cubic metres.
2. See for detailed Installation Instructions including reversing door opening direction.
3. This appliance has been designed to operate in ambient temperatures up to 32 degrees C (90 degrees F) and is equipped with Advanced Electronic Temperature Control System [AETCS] which ensures that at the advised setting [4 - four on the knob] the frozen food in the freezer will not defrost even if the ambient temperature falls as low as -15 °C. When first installed the product MUST NOT be placed in low ambient temperatures because the freezer will not reduce to it's standard operating temperature. Once it has reached its steady operating state it can be re-located. So you may then install your appliance in a garage or an unheated room without having to worry about frozen food in the freezer being spoilt. However at low ambient temperatures mentioned above, fridge contents are likely to freeze, so check and consume food in the fridge accordingly. When the ambient temperature returns to normal, you may change the knob setting to suit your needs. If the ambient temperature is below 0°C, the food in the fridge compartment will freeze. So, we recommend you don't use the fridge compartment in such low ambient conditions. You can continue using the freezer compartment as usual.
4. Do not place the appliance near cookers, radiators or in direct sunlight as this will cause your appliance to work harder. If installed next to a source of heat or freezer, maintain the following minimum side clearances:
  - From Cookers 50 mm (2")
  - From Radiators 300 mm (12")
  - From Freezers 25 mm (1")
5. Refer to cleaning and care section to prepare your appliance for use. A special receptacle is supplied to store the mains plug during transit. The receptacle is fixed at the back of the cabinet, on the side of the compressor. (See diagram) Gently remove the plug from the receptacle. Never pull the mains cord, you may damage the appliance. In the case of transportation, ensure you locate the plug in the receptacle provided to avoid transit damage.

## **Replacing The Interior Light Bulb**

To change the Bulb/LED used for illumination of your refrigerator, call your AuthorisedService.

The lamp(s) used in this appliance is not suitable for household room illumination.

The intended purpose of this lamp is to assist the user to place foodstuffs in the refrigerator/freezer in a safe and comfortable way.

The lamps used in this appliance have to withstand extreme physical conditions such as temperatures below -20°C.

## 4 Before operating

---

### Final Check

Before you start using the fridge/freezer check that:

1. The interior is dry and air can circulate freely at the rear of the cabinet.
2. Clean the interior as recommended under "CLEANING AND CARE."
3. Insert the plug into the wall socket and switch on the electricity supply.
  - When the door is open the fridge interior light will come on.
4. You will hear a noise as the compressor starts up. The liquid and gases sealed within the refrigeration system may also give rise to noise, whether the compressor is running or not which is quite normal.
5. Set temperature setting knob half way between 1 and 5.
6. Front edges of the cabinet may feel warm. This is normal. These areas are designed to be warm to avoid condensation.
7. "Do not load the appliance immediately it is switched on. Wait until the correct storage temperature has been reached. We recommend that you check the temperature with an accurate thermometer (see; Temperature Control and Adjustment)"

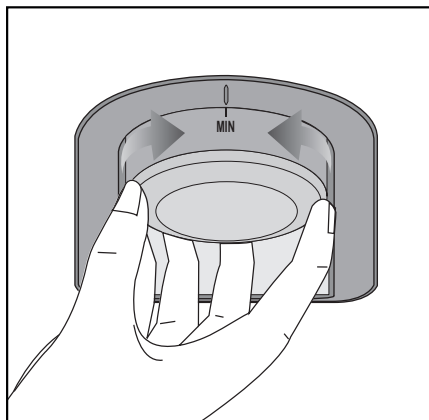
## 5 Using your refrigerator

### Temperature Control And Adjustment


The interior temperature of your refrigerator changes for the following reasons:

- Seasonal temperatures;
- Frequent opening of the door and leaving the door open for long periods;
- Food put into the refrigerator without cooling down to the room temperature;
- The location of the refrigerator in the room (e.g. exposing to sunlight).

You may adjust the varying interior temperature due to such reasons by using the thermostat. Numbers around the thermostat button (MIN to MAX) max being the coldest position.



## Storing Frozen Food

Prepacked commercially frozen food should be stored in accordance with the frozen food manufacturer's instructions for a  frozen food storage compartment.

To ensure that the high quality achieved by the frozen food manufacturer and the food retailer is maintained, the following should be remembered:

1. Put packets in the freezer as quickly as possible after purchase.
2. Ensure that contents are labelled and dated.
3. Do not exceed "Use By", "Best Before" dates on the packaging.

If there is a power failure do not open the door. Frozen food should not be affected if the failure lasts for less than 13 hrs. If the failure is longer, then the food should be checked and either eaten immediately or cooked and then re-frozen.

## Freezing Fresh Food

Please observe the following instructions to obtain the best results.

Do not freeze too large a quantity at any one time. The quality of the food is best preserved when it is frozen right through to the core as quickly as possible.

Do not exceed the freezing capacity of your appliance in 24 h which is 3.5 kg (7.9 lb)

Placing warm food into the freezer compartment causes the refrigeration compressor to operate continuously until the food is frozen solid. This can temporarily lead to excessive cooling of the refrigeration compartment.

You may place fresh food to be frozen in any part of the freezer.

Take special care not to mix already frozen food and fresh food.

## Making Ice Cubes

Fill the ice - cube tray 3/4 full with water and place it in the Ice Bank. Loosen frozen trays with the handle of a spoon, never use sharp edged objects such as knives, forks. Store ice-cubes in the Ice Bank.

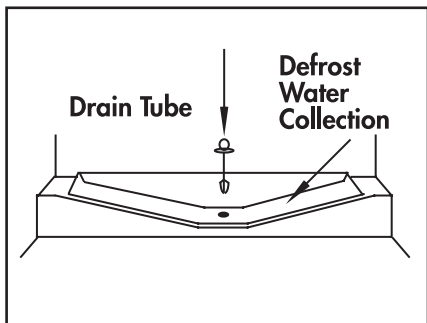
Note: If freshly made ice cubes are not consumed for several weeks and stored in Ice Bank, they will slowly reduce in size and eventually disappear completely.

## Defrosting

### A) Fridge Compartment

The fridge compartment defrosts automatically. The defrosting water runs to the drain tube via a collection container at the back of the appliance (1). (see diagram) During defrosting water droplets may form at the back of the fridge compartment where concealed evaporator is located. Some droplets may remain on the liner and refreeze when defrosting is completed. Do not use pointed or sharp edged objects such as knives, forks to remove the droplets which have frozen.

If at any time the defrost water does not drain from the collection channel, check to ensure that no food particles have blocked the drain tube. The drain tube can be cleared by pushing the special plastic plunger provided down the drain tube (2). If the frost layer reaches about 1/4"(7 mm), reduce the setting (i.e. from 4 to 1) to restart automatic defrosting.



### B) Freezer Compartment

The freezer compartment defrosts automatically.

#### Warnings!

- The fan inside the freezer compartment circulates cold air. Never insert any object through the guard. Do not allow children to play with the freezer fan.
- Never store products that contain inflammable propellant gas (eg dispensers, spray cans etc.) or explosive substances.
- Don't cover the shelves with any protective materials, which may obstruct air circulation.
- Do not allow children to play with the appliance or tamper with the controls.
- Do not obstruct the freezer fan guard to ensure that you obtain the best possible performance from your appliance.

## 6 Maintenance and cleaning

---

- We recommend that you switch off the appliance at the socket outlet and pull out the mains plug before cleaning.
- Never use any sharp abrasive instrument, soap, household cleaner, detergent and wax polish for cleaning.
- Use luke warm water to clean the cabinet of the appliance and wipe it dry.
- Use a damp cloth wrung out in a solution of one teaspoon of bicarbonate of soda to one pint of water to clean the interior and wipe it dry.
- Make sure that no water enters the lamp housing.
- If the appliance is not going to be used for a long period of time switch it off, remove all food, clean it and leave the door ajar.
- Any dust that gathers on the condenser, which is located at the back of the appliance, should be removed once a year with a vacuum cleaner.
- Check door seals regularly to ensure they are clean and free from food particles.
- Removal of door rack
- To remove door racks, remove all the contents and then simply push the door rack upwards from the base.
- To remove a freezer drawer, pull it as far as possible, and then tilt it upwards, and then pull it out completely.
- To remove the freezer flap door, first open the door 3" and then gently pull it off. Make sure that the flap is in place before closing the freezer door.
- Make sure that the special plastic container (drain tray) at the back of the appliance which collects defrost water is clean at all times. If you want to remove the tray to clean it follow the instructions below :
- Switch off at the socket outlet and pull out the mains plug.
- Push the lug down with the tip of a screw driver & pull out with a jerk movement
- Clean the drain tray and wipe it dry.
- Reassemble reversing the sequence and operations.
- Avoid spillage of food particularly small items like rice, peas, beans through the fan guard as they may cause the cooling system to block and therefore operate less efficiently.

## 7 Do's and Don'ts

---

- Do- Clean your larder refrigerator regularly.
- Do- Keep raw meat and poultry below cooked food and dairy products and ideally in the Zero Degree compartment drawer.
- Do- Keep food for as short a time as possible and adhere to 'Best Before' and "Use By" dates.
- Do- Take off any unusable leaves on vegetables and wipe off any soil.
- Do- Leave lettuce, cabbage, parsley and cauliflower on the stem.
- Do- Wrap cheese firstly in greaseproof paper and then in a polythene bag excluding as much air as possible.
- Do- Wrap meat, fish and offal in polythene bags.
- Do- Wrap bread well to keep it fresh..
- Do- Chill white wines, beer, lager and mineral water before serving.
- Do- Melon in your fridge. It can be chilled for short periods as long as it is wrapped to avoid it flavouring other food.
- Do- The door open for long periods as this will make the larder refrigerator more costly to run.
- Do- Poisonous or any dangerous substances in the larder refrigerator. Your larder refrigerator has been designed for the storage of edible foodstuffs only.
- Do- Consume food which has been stored for an excessive time in the larder refrigerator.
- Do- Store cooked and fresh food together in the same container. They should be packaged and stored separately..
- Do- Let defrosting food or food juices drip onto food in your larder refrigerator.

## Problem Solving

If the appliance does not operate when switched on, check whether:

- The plug is inserted properly in the socket and that the power supply is on. (To check the power supply to the socket, plug in another appliance)
- The fuse has blown/circuit breaker has tripped/main distribution switch has been turned off.
- The temperature control has been set correctly.
- New plug is wired correctly if you have changed the fitted moulded plug.

If the appliance is still not operating after the above checks, please refer to the section on "How To Obtain Service".

Please ensure that above checks have been made as a charge will be made if no fault is found.

## 8 How To Obtain Service

---

Please keep your purchase receipt or other proof of purchase in a safe place; you will need to have it should the product require attention under guarantee.

You should also complete the details below; it will help us assist you when requesting service. (The model number is printed on the Instruction Booklet and the serial number is printed on the Rating Label affixed to the appliance)

**Model No:**      **Serial No:**      **Retailer:**      **Date of purchase:**

**For service under guarantee simply telephone the appropriate number below**

### **UK Mainland & Northern Ireland**

Fridges & Freezers	0845 6046859 or 0345 6004903
Electric Cookers	0845 6046859 or 0345 6004902
Gas & Dual Fuel Cookers	0845 6046859 or 0345 6004905
Washing Machines & Dishwashers	0845 6046859 or 0345 6004906

### **Republic of Ireland**

All Refrigeration, All Cookers	01 862 3411
Washing Machines & Dishwashers	

Before requesting service please check the trouble-shooting guide in the Operating Instructions as a charge may be levied where no fault is found even though your product may still be under guarantee.

## 9 Guarantee Details

Your new **BLOMBERG** product is guaranteed against the cost of breakdown repairs for three years from the date of the original purchase.

### What is covered?

- Repairs necessary as a result of faulty materials, defective components or manufacturing defect.
- The cost of functional replacement parts, but excluding consumable items.
- The labour costs of a BLOMBERG approved repairer to carry out the repair.

### What is not covered?

- Transit, delivery or accidental damage or misuse and abuse.
- Cabinet or appearance parts, including knobs, flaps, handles or container lids.
- Accessories or consumable items including but not limited to, ice trays, scrapers, cutlery baskets, filters and light bulbs.
- Repairs required as a result of unauthorised repair or inexperienced installation that fails to meet the requirements contained in the user instruction book.
- Repairs to products used on commercial or non-residential household premises.
- Loss of frozen food in freezers or fridge/freezers. (Food loss insurance is often included within your household contents insurance policy, or may be available separately from your retailer).

Important notes.

- Your BLOMBERG product is designed and built for domestic household use only.
- The guarantee will be void if the product is installed or used in commercial or non-residential domestic household premises.
- The product must be correctly installed, located and operated in accordance with the instructions contained in the User Instructions Booklet provided.
- Professional installation by a qualified Electrical Domestic Appliance Installer is recommended for all Washing Machines, Dishwashers and Electric Cookers
- Gas Cookers must only be installed by a Gas Safe (or BORD GAIS) registered Gas Installer.
- The guarantee is given only within the boundaries of the United Kingdom and the Republic of Ireland.
- The guarantee is applicable only to new products and is not transferable if the product is resold.

**BLOMBERG** disclaims any liability for incidental or consequential damages.

The guarantee does not in anyway diminish your statutory or legal rights.







1 Greenhill Crescent, Watford, Hert, WD18 8QU  
Tel: 0845 6048340 Fax: 0845 6004922  
email: [service@blomberguk.com](mailto:service@blomberguk.com) [www.blomberg.uk](http://www.blomberg.uk).

4578336302/AC