

**FROST FREE  
FRIDGE FREEZER**

**ZDK 22 RF**

# Important Safety Information

**These warnings are provided in the interests of your safety. Ensure that you understand them all before installing or using this appliance. If you are unsure of the meanings of these warnings contact the Customer Care Department.**

## Installation

- This appliance is heavy. Care should be taken when moving it.
- It is dangerous to alter the specifications or attempt to modify this product in any way.
- Ensure that the appliance does not stand on the electrical supply cable. If the supply cable is damaged, it must be replaced by a cable available from your local Service Force Centre.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Parts which heat up should not be exposed. Whenever possible, the back of the appliance should be close to a wall, but leaving the required distance for ventilation, as stated in the installation instructions.
- The appliance should be left for 2 hours after installation before it is turned on, in order to allow the refrigerant to settle.

## Child Safety

- Do not allow children to tamper with the controls or play with the product.
- Keep all packaging material away from children.

## During Use

- This appliance is designed for domestic use only, specifically for the storage of edible foodstuffs only. It is not intended for commercial or industrial use.
- Containers with flammable gases or liquids can leak at low temperatures. Do not store any containers with flammable materials, such as spray cans, fire extinguisher refill cartridges etc. in the refrigerator.
- Frozen food should not be refrozen once it has thawed out.
- Do not place carbonated or fizzy drinks in the freezer compartment.
- Ice lollies can cause frost/freezer burns if consumed straight from the freezer compartment.
- Do not remove items from the freezer compartment if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Bottles and cans must not be placed in the freezer compartment as they can burst when the contents freeze.

- Manufacturers' recommended storage times should be adhered to. Refer to the relevant instructions.

## Maintenance and Cleaning

- Before cleaning, always switch off the appliance and disconnect from the electrical supply.
- When unplugging always pull the plug from the mains socket, do not pull on the cable.

## Servicing

- This product should be serviced by an authorised engineer and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunction. Contact your local Zanussi Service Force Centre.

# Contents

## Instructions for the User

### Description of the Appliance

- Fridge Compartment
- Freezer Compartment

### Control Panel

- Indicator Lights
- Fridge Controls
- Freezer Controls

### Using the Appliance

- Before Use
- Starting the Appliance

### Fridge Compartment

### Freezer Compartment

- Frozen Food Storage
- Freezing Fresh Food
- Ice Making

### Hints & Tips

### Energy Saving Advice

### Maintenance and Cleaning

- External Cleaning
- Internal Cleaning
- Bio Deodorizer
- Changing the Refrigerator light bulb
- Changing the Freezer Light Bulb
- Defrosting
- When the Appliance is not in use

### Something Not Working

### Service & Spare Parts

### Customer Service

### Peace of mind for twelve months

## Instructions for the Installer

### Technical Specifications

### Electrical Connection

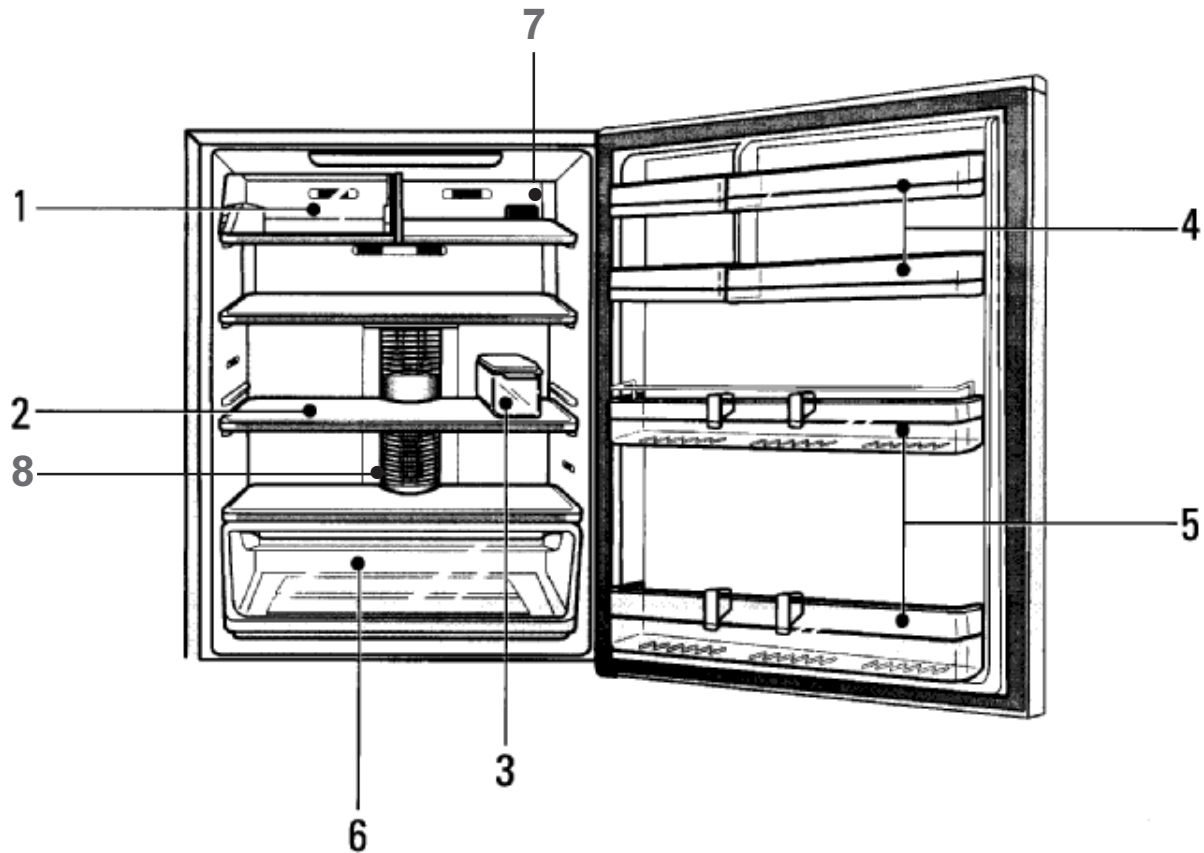
### Installation Requirements

- Location
- Ventilation
- Levelling

# Description of the Appliance

## Fridge Compartment

The correct temperature for safe storage of fresh food inside is 0°C to 5°C (32°F to 41°F)

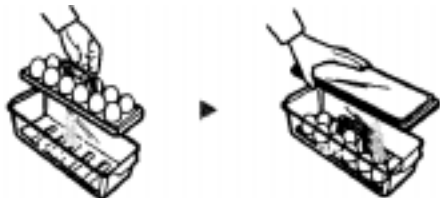


### 1. Chill Compartment

The temperature in the chill compartment is maintained at 2 - 3°C lower than the temperature in the main fridge compartment.

### 2. Storage Shelf

### 3. Egg box



### 4. Dairy foods

Butter, cheese etc

### 5. Bottle rack

### 6. Crisp'n fresh vegetable drawer

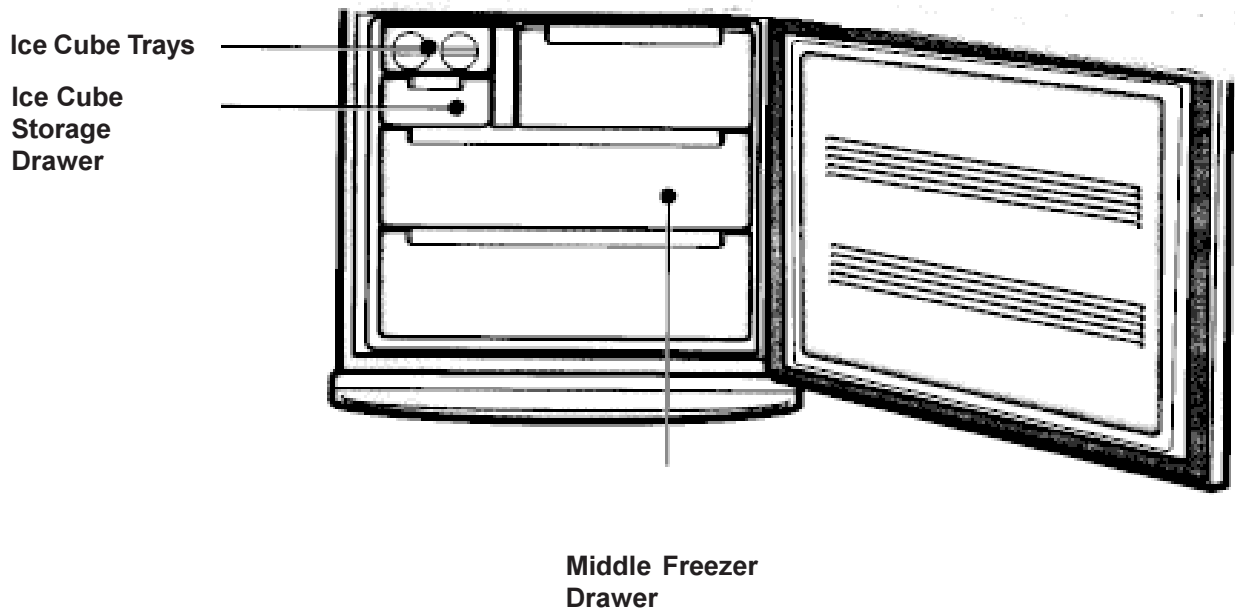
### 7. Deoderizer

### 8 Cross Flow Dynamic Cooling System

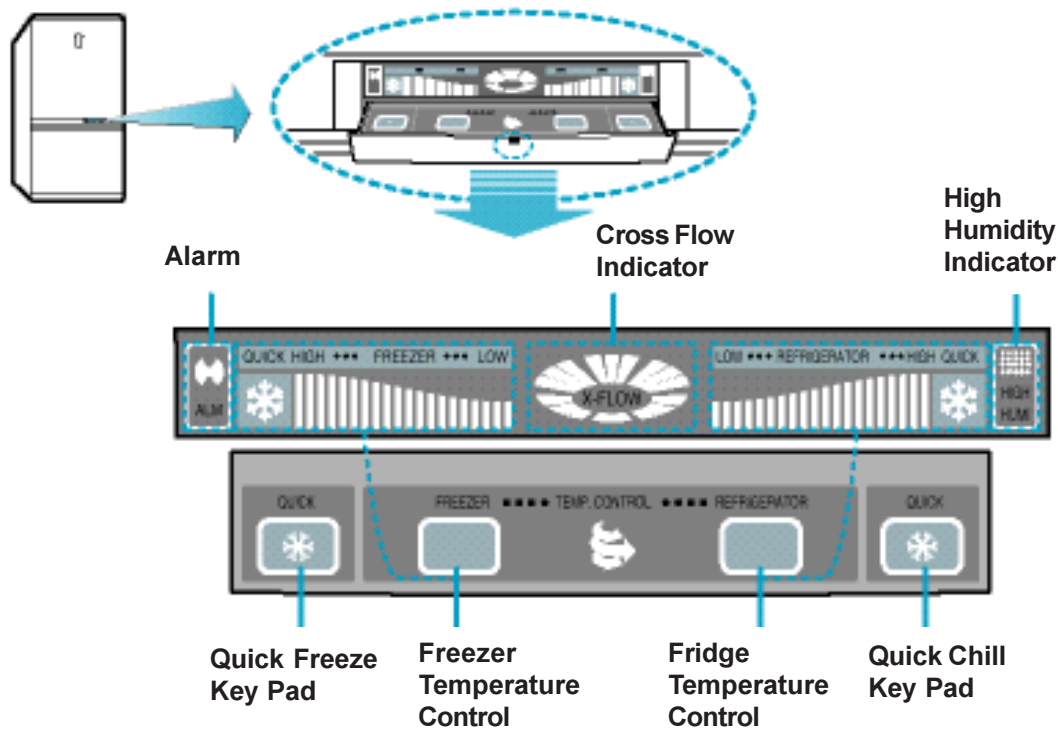
The Cross Flow Dynamic Cooling System detects warmer areas within the refrigerator compartment and keeps an even temperature throughout.

## Freezer Compartment

The freezer will store frozen food at  $-18^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$ ) or colder allowing for long term frozen food storage and freezing of fresh food.



# Control Panel



## Indicator Lights

### HIGH HUMI and ALM Indicator Lights

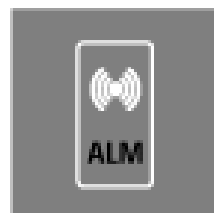
The HIGH HUMI and ALM indicator lights remain on throughout the operation of the appliance.

### Door Open Alarm

An audible alarm will sound when either the fridge or freezer door is open for more than 2 minutes.

The alarm will sound for 10 seconds approximately every minute, for 10 minutes.

**IMPORTANT:** If the door is open for more than 10 minutes the fridge / freezer internal light will go out.



### X-Flow - Cross Flow

When the internal temperature of the fridge compartment increases due to new food being loaded into the fridge compartment, or the door is opened, the X-FLOW indicator illuminates automatically.

When the internal temperature has cooled the Cross Flow indicator light will go out automatically.



## Fridge Controls

### Quick Chill (QUICK)

When the QUICK key pad is pressed the refrigerator QUICK indicator will illuminate. The temperature in the fridge will be reduced to cool new foodstuffs quickly. Press the Quick Chill key pad again to switch off, if Quick Chill is not cancelled manually it will switch off automatically after 2½ hours.



### Thermostat control

The thermostat control regulates the temperature within the fridge compartment. There are five temperature settings which can be selected by pressing the key pad marked REFRIGERATOR, repeatedly until the required setting is reached.

Low - Cold

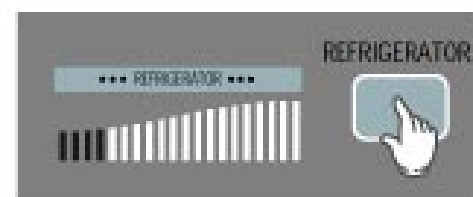
High - Coldest

When the appliance is first switched on the temperature is automatically set to the middle position.

The internal fridge temperature will be affected by:

- Ambient temperature
- How often the door is opened
- How much food is stored
- Position of the appliance.

In determining the correct temperature setting, all these factors have to be considered and some experimentation may be necessary.



## Freezer Controls

### Quick Freeze (QUICK)

When fresh food is placed in the freezer, press the QUICK control pad. This will reduce the temperature inside the freezer to ensure fresh food is frozen as quickly as possible.

When the QUICK key pad is pressed the freezer QUICK indicator will illuminate. Press the key pad again to cancel. If Quick Freeze is not cancelled manually it will switch off automatically after 2½ hours.



### Thermostat Control

The thermostat control regulates the temperature within the freezer compartment. There are five temperature settings which can be selected by pressing the key pad marked FREEZER, repeatedly until the required setting is reached.

Low - Cold

High - Coldest

When the appliance is first switched on the temperature is automatically set to the middle position.



# Using the appliance



*This appliance is designed for domestic use only, specifically for storage of edible food-stuffs.*

This appliance is designed to operate in ambient temperatures (surrounding air temperature) between 10°C (50°F) and 32°C (90°F).

If these temperatures are exceeded i.e. colder or warmer, the appliance will not operate correctly.

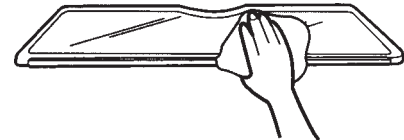
## Before Use

Remove all securing tapes.

Wash the inside of the appliance with lukewarm water with a little bicarbonate of soda added (5ml to 0.5 litre of water). Do not use soap or detergent as the smell may linger. Dry the appliance thoroughly.



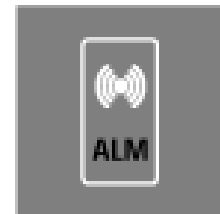
*Do not use detergents, abrasive powders, highly perfumed cleaning products, wax polishes or products containing alcohol.*



## To Start the Appliance

1. Allow the appliance to stand for 2 hours after installation.
2. Plug in the appliance and switch on at the mains supply. The HIGH HUMI and ALM lights will illuminate and remain on throughout the operation of the appliance.
3. To ensure safe food storage, allow the appliance to operate with the doors closed for at least 8 hours, before loading with food.

***When the appliance is switched on, the displays will illuminate and a self diagnostic test will run for approximately 5 minutes. If no faults are found the compressor will start operating.***



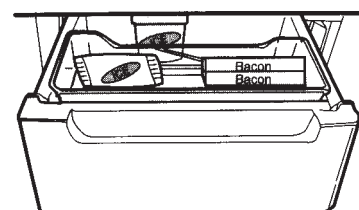
## Frozen Food Storage

The freezer will store frozen food at -18°C or colder allowing for long term frozen food storage and freezing of fresh food.

Pre packed commercially frozen food should be stored in accordance with the manufacturer's instructions for a 4 star frozen food compartment and should be put in the freezer as soon as possible after purchase. Your freezer provides for long term storage which generally means up to 3 months but the length of the time can vary and it is important to follow the recommended times shown on packets of commercially frozen food.



*Do not place sealed containers or carbonated liquids, such as fizzy drinks, into the freezer as it creates pressure on the container which may cause it to explode, resulting in damage to the freezer.*





## Freezing Fresh Food

Place the food in the bottom basket and press the QUICK freeze key pad.



*Frozen food should not be refrozen once it has thawed out.*

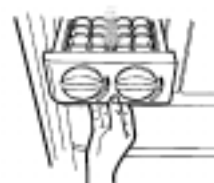
*Do not remove items from the freezer if your hands are damp/wet as this could cause skin abrasions or 'frost/freezer burns'*

- Any opened packets of frozen food, should be rewrapped in airtight materials to prevent surface evaporation which causes drying or freezer burn.
- Frozen food which is allowed to thaw accidentally should either be used immediately or thrown away. Alternatively if the food is uncooked and has not been completely defrosted it can be cooked and then refrozen.
- Aim to check dates on packets and rotate food regularly. Although storage longer than recommended is not harmful, flavours and textures begin to change.



## Ice Making - Twist'n Serve

Pull out the ice cube tray.



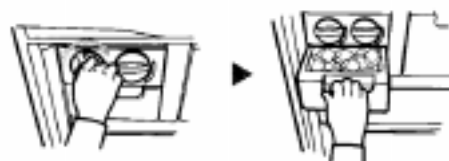
Fill the ice tray with fresh drinking water to just below the top of each cube compartment.



Push the ice cube tray back into place and close the freezer door.



To release the ice cubes, turn the dials clockwise until the ice cubes drop into the ice tray.



# Hints and Tips

## Food Storage

- To obtain the best results from your appliance, neither hot foods nor liquids which may evaporate, should be placed in the larder compartment.
- Avoid buying frozen food if you cannot store it straight away. The use of an insulated container is advisable. When you arrive home place the frozen food in the freezer immediately.
- Keep the time between buying chilled food and placing it in your fridge as short as possible.
- Do not push food together too much, try to allow air to circulate around each item.
- Do not store food uncovered.
- Ensure that food placed in the freezer is dated and labelled and used in date order to ensure that food is consumed at its best.
- Remove suspect food from your refrigerator and clean, refer to 'Maintenance and Cleaning'.

## Energy Saving Advice

- Do not install the cabinet close to sources of heat, such as a cooker, dishwasher or radiator.
- Locate the appliance in a cool well ventilated room and make sure that the air openings of the cabinet are not obstructed.
- Avoid unnecessary frosting in the cabinet by packing all foodstuffs into airtight packages before placing them in the freezer.
- Always leave warm food to cool down to room temperature before placing in the fridge or freezer.
- Food which is to be frozen (when cool) should be placed in the fridge before being transferred to the freezer.
- Thaw frozen food in the fridge. This will ensure safer defrosting of foods and reduce the work of the refrigeration unit.
- Try to avoid keeping the door open for long periods, or opening the door too frequently as warm air will enter the cabinet, and cause the compressor to switch on unnecessarily often.
- Ensure there are no obstructions preventing the door from closing properly.

## In the Event of a Power Failure

If there is a power failure during the storage of frozen foods, keep the door closed. If the temperature within your freezer should rise do not refreeze the food without checking it's condition. The following guidelines should assist you.

### **Ice Cream:**

Once thawed should be discarded.

### **Fruit and Vegetables:**

If soft should be cooked and used up.

### **Bread and Cakes:**

Can be refrozen without danger.

### **Shellfish:**

Should be refrigerated and used up quickly.

### **Cooked Dishes:**

i.e. casseroles, should be refrigerated and used up.

### **Large Pieces of Meat:**

Can be re-frozen providing there are ice crystals remaining within them.

### **Small Joints:**

Should be cooked and then re-frozen as cooked dishes.

### **Chicken:**

Should be cooked and re-frozen as a fresh dish.

# Maintenance and Cleaning



*Before any maintenance or cleaning work is carried out DISCONNECT the appliance from the ELECTRICITY supply.*

## External Cleaning

Wash the outer cabinet with warm soapy water.



*Do not use abrasive products.*

*There may be sharp edges on the underside of the product so care should be taken when cleaning.*

Ensure the vents at the back of the appliance are clear of dust and debris etc.

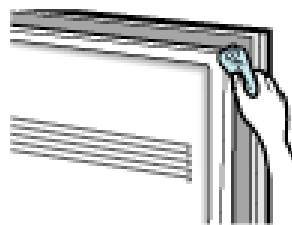
## Internal Cleaning

Clean the inside and accessories with warm water and bicarbonate of soda (5ml to 0.5 litre of water). Rinse and dry thoroughly.

Regularly check the door seals and wipe clean to ensure they are clean and free from debris.



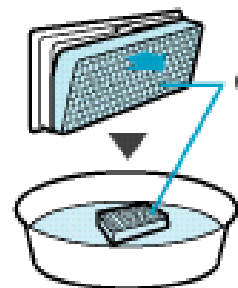
*Do not use detergents, abrasive powders, highly perfumed cleaning products, wax polishes or cleaning products containing bleach or alcohol.*



## Bio Deodorizer

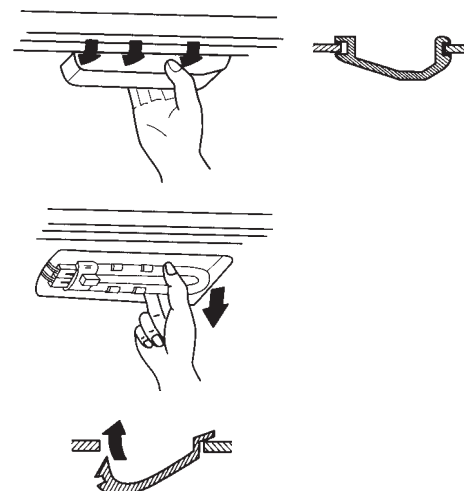
From time to time it may be necessary to clean the Bio Deodorizer.

1. Unclip and remove the white cover.
2. Carefully prise out the deodorizing block.
3. Rinse carefully in a bowl of clean water.
4. Allow to dry naturally.
5. When completely dry replace.



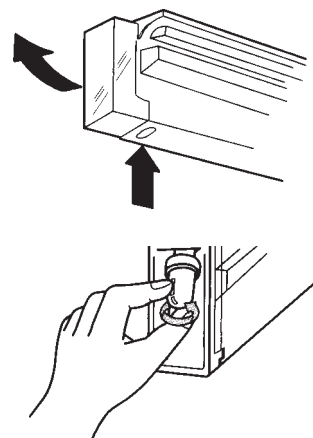
## Changing the refrigerator light bulb

1. Switch off the appliance and disconnect from the electricity supply.
2. Press the back latch, and remove the cover.
3. Pull bulb downwards and remove.
4. Replace the bulb with a 11W S/E fluorescent bulb (available from your local Service Force Centre).
5. After replacing the bulb, assemble the front latch of the cover and then connect the back latch.
6. Plug in the appliance.



## Changing the Freezer light bulb

1. Switch off the appliance and disconnect from the electricity supply.
2. Pul out the middle freezer drawer.
2. Remove the cover by pressing the latch at the bottom of the cover.
3. Remove the bulb by turning it anti-clockwise.
4. Replace the bulb with a new 15W, 240V miniature edison screw (MES) bulb (available from your local Service Force Centre).
5. Replace the cover.



## Defrosting

Your appliance is frost free, which means there is no need to manually defrost your appliance as this will be carried out automatically.

## When the appliance is not in use

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

# Something Not Working

Some problems are due to lack of simple maintenance or oversights, which can be solved easily without calling out an engineer. If your appliance does not function correctly, please carry out the following checks before contacting your local Service Force Centre.

**IMPORTANT:** If you call out an engineer to a fault listed below, or to repair a fault caused by incorrect use or installation, a charge will be made, even if the appliance is under guarantee.

Symptom	Solution
No power to the appliance	Check there is power at the socket.
	Check there is not a power cut by checking the household lights.
	Check the fuse has not blown.
The internal light in the fridge or freezer does not come on	Ensure the bulb is correctly fitted.
	Replace the bulb if it has blown.
	Check the door light switch is not jammed.
	Has the door been open for more than 10 minutes ?
The temperature in the fridge or freezer section is too high	Check the thermostat is turned to the correct setting relative to ambient conditions.
	Check the ambient temperature is within the the appliances operating limits of 10°C to 32°C.
	Relocate the appliance if necessary.
The foods in the refrigerator are frozen	Is the temperature control set on high ?
The compressor runs continuously	Is the ambient temperature too low ? Adjust the thermostat to give correct temperature control. See page 6.
	Check that the doors are closed.
	Large quantities of food have recently been placed in the cabinet and / or door has been frequently opened.
There is an unpleasant odour in the fridge	Check that air ventilation is not obstructed.
	The food was not covered.
	The de-odouriser may need cleaning or changing.
The freezer door will not open	Has the door just been opened? If so leave for a few minutes to allow the air pressure to equalise.
Excessive frost and ice has built up	Ensure the doors are not left open.
	Check that nothing is preventing the doors from closing.
	Are the door gaskets intact and clean ?

If after the above checks there is still a fault call your local Service Force Centre.

**In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.**

Please note that proof of purchase is required for in-guarantee service calls.

# Service and Spare Parts



In the event of your appliance requiring service, or if you wish to purchase spare parts please contact your local Zanussi Service Force Centre by telephoning:

**0870 5 929 929**

Your call will be routed to the Service Force Centre covering your post code area. The address of your local Service Force Centre is detailed in the accompanying Customer Care Book.

Before calling out an engineer, please ensure you have read the details under the heading 'Something Not Working?'

When you contact the Service Centre you will need to give the following details:

1. Your name, address and post code
2. Your telephone number
3. Clear and concise details of the fault
4. The model and serial number of the appliance (found on the rating plate)
5. The purchase date

## Customer Service

For general enquiries concerning your Zanussi appliance or for further information on Zanussi products, you are invited to contact our Customer Care Department by letter or telephone as follows:

Customer Care Department  
Zanussi  
55 - 77 High Street  
Slough  
Berkshire  
SL1 1DZ

Tel: 0870 5 727 727

# Peace of Mind for Twelve Months

## Standard guarantee conditions

We, Zanussi Limited, undertake that if within 12 months of the date of the purchase this Zanussi appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option repair or replace the same FREE OF CHARGE for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on the rating plate
- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's instructions
- The appliance has not been serviced, maintained repaired, taken apart or tampered with by any person not authorised by us
- All service work under this guarantee must be undertaken by a Zanussi Service Force Centre.
- Any appliance or defective part replaced shall become the Company's property
- This guarantee is in addition to your statutory and other legal rights

Home visits are made between **8.30am** and **5.30pm** Monday to Friday. Visits may be available outside these hours in which case a **premium** will be charged.

## Exclusions

### This guarantee does not cover:

- Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic
- Costs incurred for calls to put right an appliance which is improperly installed or calls to appliances outside the United Kingdom
- Appliances found to be in use within a commercial environment, plus those which are subject to rental agreements
- Products of Zanussi manufacture which are not marketed by Zanussi Limited

## European Guarantee

If you should move to another country within Europe then your guarantee moves with you to your new home subject to the following qualifications:

- The guarantee starts from the date you first purchased your product
- The guarantee is for the same period and to the same extent for labour and parts as exists in the new country of use for this brand or range of products
- This guarantee relates to you and cannot be transferred to another user
- Your new home is within the European Community (EC) or European Free Trade Area
- The product is installed and used in accordance with our instructions and is only used domestically, i.e. a normal household
- The product is installed taking into account regulations in your new country

Before you move please contact your nearest Customer Care centre, listed below, to give them details of your new home. They will then ensure that the local Service Organisation is aware of your move and able to look after you and your appliances.

France	Senlis	+33 (0)3 44 62 29 99
Germany	Nurnberg	+49 (0)911 323 2600
Italy	Pordenone	+39 (0)1678 47053
Sweden	Stockholm	+46 (0)8 738 79 50
UK	Slough	+44 (0)1753 219897

# Installation

## Technical Specifications

### Dimensions

Height	1790mm
Width	820mm
Depth	725mm

Capacity		(Ltr / Cu.ft)
Net	Fridge	351 / 12.39
	Freezer	171 / 6.04
Gross	Fridge	417 / 14.73
	Freezer	203 / 7.17

**Power absorbed** 210W

**Voltage** 230 V

**Frequency** 50 Hz

**Average Daily Units of Electricity \*** 1.809kw

\* This figure is based on standard test results in the European Standard EN153. Actual consumption will depend on how the appliance is used and where it is located.



This appliance complies with the following E.E.C. Directives:  
73/23 EEC of 19.2.73 (Low Voltage Directive) and subsequent modifications.  
89/336 EEC of 8.5.89 (Electromagnetic Compatibility Directive) and subsequent amendments.



# Electrical Connection



*Any electrical work required to install this appliance must be carried out by a qualified electrician or competent person.*

*This appliance must be earthed.*

**The manufacturer declines any liability should these safety measures not be observed.**


## Electrical Requirements

Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.

The appliance is supplied with a 13 amp plug fitted. In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

Should the plug need to be replaced for any reason. The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow	: Earth
Blue	: Neutral
Brown	: Live

The wire coloured green and yellow must be connected to the terminal marked with the letter "E" or by the earth symbol  or coloured green and yellow.

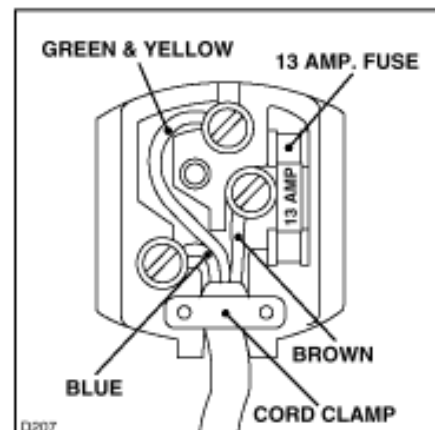
The wire coloured blue must be connected to the terminal marked "N" or coloured black.

The wire coloured brown must be connected to the terminal marked "L" or coloured red.

Upon completion there must be no cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.

### Important:

If the mains supply cable is damaged, it must be replaced by a cable available from your local Service Force Centre.



## Installation Requirements

To ensure correct operation of this appliance, it must not be located where the temperatures will fall below 10°C (50°F) or rise above 32°C (90°F).

### Avoid the following locations:

- Unheated kitchen
- Outhouse
- Conservatory
- Garage

### For correct operation this appliance must be:

- In a dry atmosphere
- Out of direct sunlight
- Away from extreme temperature (not next to a cooker or other source of heat)
- The appliance is heavy when fully loaded, and must be stood on a strong firm floor.

## Ventilation

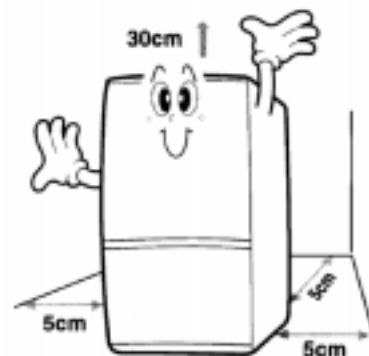
Allow a 5cm space between adjacent furniture and the back and sides of the appliance. There should also be 30cm space between the top of the appliance and any overhanging cupboards.

## Levelling

The appliance has four castors for ease of movement. In addition there are 2 level adjusters behind the front plinth that can be screwed downwards to level the appliance. When lowered these adjusters also prevent any cabinet movement.

Level the appliance by screwing out the appropriate adjustable foot at the front.

- If the door drops down to the left, adjust the left hand foot in the direction of the arrow.



- If the door drops down to the right adjust the right hand foot in the direction of the arrow.

