

TECNOLEC

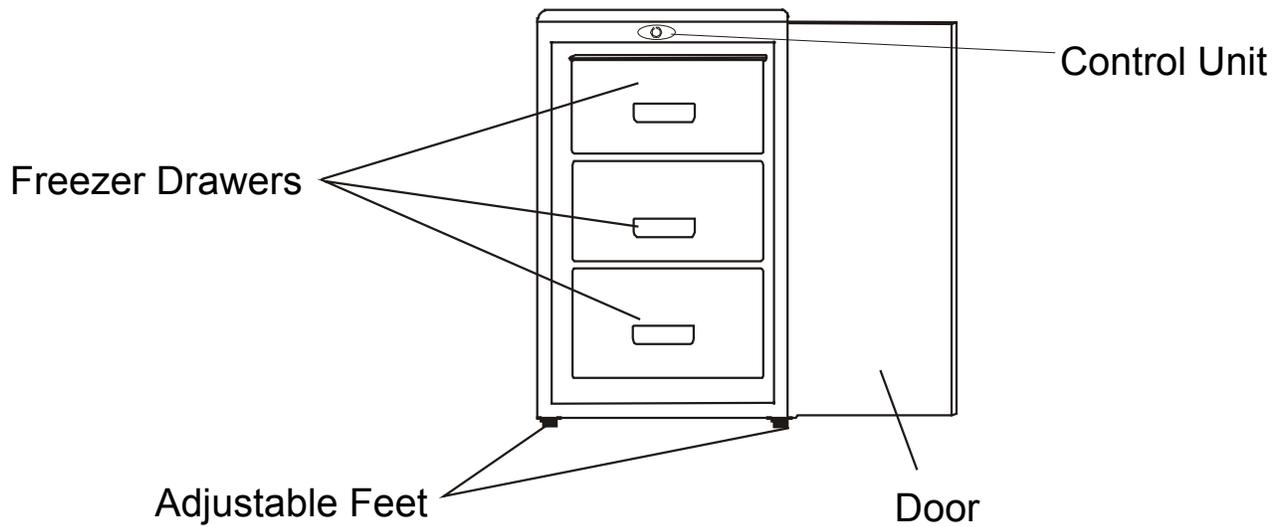
48cm Under Counter Freezer

MODEL: TZ80WA-U



INSTRUCTION MANUAL

Description of the Appliance



Note: Compartment design may change due to product improvement, No prior notice will be given.

THANK YOU FOR PURCHASING THIS TECNOLEC PRODUCT

This booklet contains the information you will require to install and operate your new appliance.

It is important and worthwhile spending time to fully read this booklet so you will understand how to operate the appliance safely and efficiently.

Please keep this booklet in a safe place so that you can refer to it when required.

ELECTRICAL CONNECTION (UK ONLY)

For your safety please read the following information.

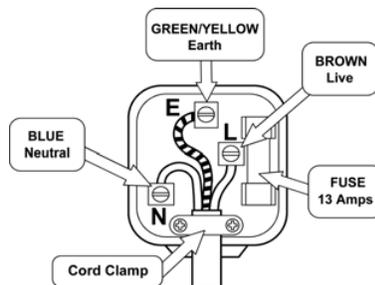
Warning: This appliance must be earthed.

The appliance must be connected to a 240 volts 50 cycle AC supply by means of a three pin socket, suitably earthed and should be protected by a 13 amp fuse in the plug. The appliance is supplied with a standard 13 amp 3-pin plug fitted with a 13-amp fuse. Should the fuse require replacement, it must be replaced with a fuse rated at 13 amp and approved to BS1362.

If the mains plug is unsuitable for the socket outlet in your home or is removed for any other reason, then the cut off plug should be disposed of safely, do not insert the cut off plug into a mains outlet to prevent the hazard of electric shock. Remove the fuse before disposal.

There is a danger of electric shock if the cut off plug is inserted into any 13-amp socket outlet.

How to wire a 13 amp plug:



Important

The wires in the mains lead on this appliance are colored in accordance with the following code:

Green and Yellow - Earth

Blue – Neutral

Brown – Live

As the colours may not correspond with the markings identifying the terminals in your plug proceed as follows.

The green and yellow wire must be connected to the terminal in the plug which is marked with the letter E or with the earth symbol \equiv or colored green and yellow.

The blue wire must be connected to the terminal marked N.

The brown wire must be connected to the terminal marked L.

You must make sure the mains cord is firmly secured under the cord clamp.

REFRIGERATOR SAFETY INFORMATION

Check that the voltage marked on the rating plate matches that of your local supply. Failure to use the correct voltage will render the guarantee VOID and may cause damage to the appliance.

The manufacturer accepts NO responsibility for using any other voltage than that marked on the rating plate.

This appliance is intended for domestic use only; any other use may invalidate the warranty and might be dangerous.

This appliance is intended for indoor use only, do not use or store outdoors. This appliance shall not be exposed to rain.

The mains plug shall be the main disconnect device and shall remain operable at all times. A short power-supply cord is provided to reduce the risk of a tripping hazard.

To disconnect from the mains completely, turn the appliance OFF, then remove the plug from wall outlet.

Do not immerse the appliance, its lead or plug in water or any other liquid.

Remove all food and unplug from the supply when not in use and before cleaning the appliance.

If the mains lead becomes damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person with a specially prepared lead of the same type and rating to avoid a hazard.

Do not operate the appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any way.

Do not let cord hang over edge of the surface, or touch hot surfaces.

Do not place the appliance on or near hot surfaces, or in direct sunlight.

Children must be supervised to make sure they do not swing on the door.

Accessible surfaces may get hot when in use, use handles and knobs at all times.

Always attach a plug to the appliance, and then plug it into the wall outlet and switch on.

If you are discarding an old appliance with a lock or catch fitted to the door, ensure that it is left in a disabled condition to avoid the entrapment of young children when playing.

As old refrigeration appliances may contain CFC's which will damage the ozone layer, when disposing of any refrigeration appliance please contact your local waste disposal department for advice on the correct method of disposal.

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.

This appliance is for refrigerating food and making ice cubes.

REFRIGERANT

The refrigerating gas contained in the circuit of this appliance is Isobutane (R600a); it causes a low level of pollution but is inflammable.

CAUTION:

Extreme caution must be used when moving the appliance.

WARNINGS:

Do not damage the refrigerant circuit.

Do not use sharp or pointed objects such as knives to remove ice when defrosting.

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

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

If the appliance is installed in a carpeted area, do not let the carpet block the ventilation holes in the base of the unit, adjust the levelling feet after a few hours to compensate for carpet movement.

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

Installation

Position the appliance and allow to stand for two to three hours before it is turned on for the first time to allow the system to settle. Do not position next to any heat source e.g. cooker, boiler or in direct sunlight etc.

A clearance of 10 cm must be left between the sides of the appliance and any adjacent cabinets or walls to allow for adequate air circulation. The appliance is not designed for recessed installation ("building in").

Install on a good firm level surface, and any unevenness of the floor should be corrected prior to installation, slight unevenness can be overcome by adjusting the front feet.

Do not keep your appliance in a room where the temperature is likely to fall below 16 degrees C (61 degrees F) at night and/or especially in winter, as it is designed to operate in ambient temperatures between +16 and +32 degrees C (61 and 90 degrees F). At lower temperatures the appliance may not operate, resulting in a reduction in the storage life of the food.

Do not place the appliance near cookers or radiators or in direct sunlight, as this will cause extra strain on the appliance's functions.

If installed next to a source of heat such as a fridge, maintain the following minimum clearances.

Choose a well-ventilated location with no less than 10cm clearance around the refrigerator.

Place the refrigerator in a location with a firm base in order to prevent vibration and excessive noise.

Level the refrigerator by adjusting the two front feet.

CAUTION:

DO NOT SITE THIS PRODUCT IN EXCESSIVELY COLD OR HUMID AREAS, SUCH AS OUTBUILDINGS, GARAGES OR CELLARS.
IF THE PRODUCT HAS BEEN STORED OR DELIVERED IN A NON-VERTICAL ORIENTATION, WAIT 24 HOURS BEFORE PLUGGING IN AND SWITCHING ON, TO GIVE THE REFRIGERANT TIME TO SETTLE.
DO NOT STORE FOOD IN THE FREEZER UNTIL IT HAS BEEN RUNNING FOR AT LEAST 24 HOURS.

Your freezer is suitable for the long-term storage of commercially frozen foods and can be used to freeze and store fresh food.

If there is a power failure, do not open the door. Frozen food should not be affected if the failure last for less than 12 hrs. If the failure is longer, then the food should be checked and either eaten immediately or cooked and then re-frozen.

NOISES INSIDE THE FREEZER

If you have not owned a freezer before, you may notice that it makes some rather unusual noises. Most of these are perfectly normal, but you should be aware of them!

GURGLING, WHOOSHING

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

HUMMING, PURRING OR PULSATING

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

SHOPPING FOR FROZEN FOODS

Your Freezer is a 4 star product. When you are buying frozen food, look at the Storage Guidelines on the packaging. You will be able to store each item of frozen food for the period shown against the 4 star rating.

This is usually the period stated as 'Best Before', on the front of the packaging.

CHECK THE FREEZER TEMPERATURE

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

CHOOSE PACKS CAREFULLY

Take a quick look at the frozen food package and make sure it is in perfect condition.

PURCHASE FROZEN FOOD LAST

Always buy frozen products last on your visit to the supermarket and store them as soon as you get home.

KEEP FROZEN FOODS TOGETHER

When you are going around the supermarket and when you are travelling home, if you keep all the frozen foods together they will help to keep each other cold.

STORE FOOD STRAIGHT AWAY

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

These keep frozen food colder for longer.

USING THE APPLIANCE

This appliance is designed to operate in ambient temperatures (surrounding air temperature) between 16°C and 32°C

If these temperatures are exceeded i.e. colder or warmer, the appliance will not operate correctly. Should the ambient temperatures be exceeded for long periods, the temperature in the freezer section will rise above -18°C and food spoilage may occur.

Before Use

Remove all securing tapes and foam under the condenser at the back of the cabinet. 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.

Thermostat Control

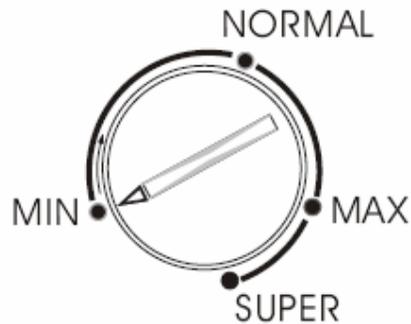
The thermostat control situated in the control panel regulates the temperature of the freezer compartment.

Position MIN -Cold

Position NORMAL-Colder. Normally setting at this position

Position MAX - Coldest

Position SUPER -To fast freeze fresh food



The temperature will be affected by:

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

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

Storing Frozen Food

When using the freezer for the first time or after defrosting, turn the thermostat temperature control to position "SUPER" for at least two hours before introducing the food to be stored, then adjust to your preferred setting.

All frozen food products you purchase should be placed in the freezer as soon as possible to avoid the frozen food from defrosting.

Storage recommendations printed on the packaging of frozen food by the manufacturers should always be followed.

FREEZING FRESH FOOD

See the technical data sheet at the rear of this booklet for the maximum permissible amount in kilograms of fresh food that can be frozen in any 24-hour period with a room temperature of 25°C . Never freeze more than the maximum permissible.

Set the temperature control to "Super" 24 hours before introducing the fresh food.

The compressor will work continuously whilst on the "Super" setting.

Return the temperature setting to normal after a further 24 hours.

It is not necessary to use this setting when introducing ready frozen food.

MAKING ICE CUBES

Pour water into the ice cube tray until it is two thirds full and place into the freezer. Ice cubes form in approximately 2 to 3 hours. The ice cubes can be easily removed by twisting the ice cube tray or running it under cold water for a short time.

TO THAW FROZEN FOODS

1. Cover food loosely.

2. Thaw at room temperature. Don't forget that thawing in a warm area encourages the growth of bacteria.

3. Always make sure there are no ice crystals in the food before cooking, particularly with meat. These crystals indicate that the food is not fully thawed. They result in lower temperatures when cooking. Lower cooking temperatures may not destroy bacteria.

4. Cook food as soon as possible after thawing.

5. Drain off and throw away any liquid lost during thawing.

THAWING FROZEN VEGETABLES

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

OVEN THAWING FROZEN FOODS

Many microwaves and ovens have thaw settings. To avoid bacterial build up, only use these if you intend to cook the food immediately afterwards.

SAFETY TIPS

Never re-freeze anything that has thawed out unless you cook it again, to kill off harmful bacteria. Never re-freeze thawed shellfish.

See the technical data sheet at the rear of this booklet for the maximum permissible amount in kilograms of fresh food that can be frozen in any 24-hour period with a room temperature of 25°C.

Never freeze more than the maximum permissible.

Set the temperature control to "Super" 24 hours before introducing the fresh food. The compressor will work continuously whilst on the "Super" setting.

Return the temperature setting to normal after a further 24 hours.

It is not necessary to use this setting when introducing ready frozen food.

PROLONGED OFF PERIODS

If the refrigerator is not in use for a long period of time, proceed as follows:

Disconnect the refrigerator from the mains supply by removing the plug from the socket.

Clean and dry the inside as instructed under the heading of cleaning the appliance.

Leave the door open to prevent any unpleasant smells from building up while the appliance is not in use.

POWER FAILURE

If there is a power failure for a short time, less than 12 hours, keep the door closed. Frozen food should not be affected if the power failure lasts less than 12 hours. Extra protection can be given by covering the appliance with two or three thick blankets. If a long power failure is anticipated, try to get the foodstuff into another freezer or cold store.

If the power cut is longer than 12 hrs, check the content of the freezer when power is restored.

If the food has defrosted, cook and refreeze the food or it should be eaten immediately. Never refreeze food that has been defrosted.

CLEANING AND MAINTENANCE

Before any cleaning or maintenance is carried out you must disconnect the appliance from the mains supply by removing the plug, never remove the plug by pulling on the mains cord. Grasp the plug itself.

It is recommended that when cleaning the appliance, both the inside and outside, can be cleaned using warm water and a little bicarbonate of soda. Use 1 teaspoon to 1.2 litres of water.

Do not use detergents, abrasive powders, highly perfumed cleaning products, wax polishes or cleaning products containing bleach or alcohol as these will damage the cosmetic surfaces.

External Cleaning, wash the outer cabinet with warm soapy water.

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

Once a month clean the condenser circuit and compressor at the back of the appliance, with a brush or vacuum cleaner, as an accumulation of dust will affect the performance of the appliance and Cause excessive electricity consumption.

DEFROSTING THE FREEZER

The freezer will need defrosting periodically (when the frost is more than 3mm thick).

Turn the temperature control to position "MIN" and unplug from the mains socket.

Grasp the plug itself. Do not remove the plug by pulling on the mains cord.

Remove all the frozen food and wrap in thick blankets to retain the cold or move it to another freezer.

Leave the freezer door open with a suitable container under the front to catch the water as the frost melts.

When the freezer is fully defrosted, clean the inside (see the section on cleaning and maintenance).

Then close the door and connect to the mains, now set the temperature control to your required setting.

Leave the freezer running for approximately 4 hours before Re-introducing the frozen food.

Reversing the door

Warning! When changing the way the door opens, the appliance must not be connected to the mains.

Remove the plug from the mains before working on the door.

This refrigerator has been built with the door hinges on the right. If you wish to change the opening direction, follow the instructions below:

1. Remove the upper hinge cover (6) first.
2. Remove the two screws (1) that hold the upper hinge (5) (right side) to the cabinet. Remove the upper hinge (5).
3. Lift the door off the lower hinge pin and place it on a padded surface to prevent scratching it.
4. Transfer the hole cover plate (7) from the left side to the right side.
5. Remove the foot (3) and the two screws (8) that hold the lower hinge (2) and then remove the lower hinge (2) with hinge pin (9).
6. Remove the left front foot (4) and transfer it to the right side.
7. Remove the hinge pin (9) and re-fit it to the other side of the lower hinge (2) (reversed). Then re-fit the lower hinge (2) onto the left side of the lower frame with two screws (8).
8. Position the door in place making sure the door seats onto the lower hinge (2).
9. Align the door in the closed position secure the upper hinge (5) in the top frame on left side with two screws (1). Remember, do not tighten the two screws (1) until the top of the door is leveled with the top of the cabinet.
10. Install the upper hinge cover (6) on the upper hinge.

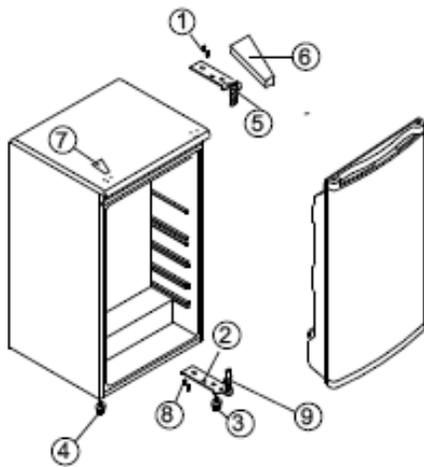


FIGURE 1

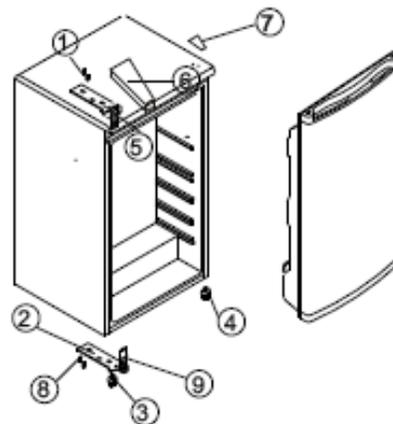


FIGURE 2

FIGURE 1 - REPRESENTATIVE POSITION OF COMPONENTS PRIOR TO DOOR REVERSAL.
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FIGURE 2 - REPRESENTATIVE POSITION OF COMPONENTS AFTER DOOR REVERSAL.

Troubleshooting

Before calling for service please check the following points.

The freezer is not working

Check the plug is inserted correctly into the wall socket and it is switched on.

Check there is power to the wall socket by plugging in another appliance, if the other appliance works check the fuse in the freezer plug.

The freezer is noisy when running

Check the freezer is level and it is not in contact with another appliance or kitchen furniture.

The freezer does not cool sufficiently

If the door has been opened too often, or it has been left open for a while it will take time for the freezer to reach its set temperature.

Check the airflow over the rear of the freezer has not been reduced due to insufficient clearance.

The following characteristics should not be looked upon as a problem

A gentle trickling sound caused by refrigerant flowing through the pipe.

Compressor operating at high temperature.

Prolonged idle periods

If you are going to leave the freezer idle for any period of time, proceed as follows:

Disconnect the freezer from the mains supply by removing the plug from the wall socket.

Clean and dry the inside as instructed under the heading of cleaning the freezer.

Leave the door open to prevent any unpleasant smells from building up while the freezer is not in use.

Maintenance

Moving your Freezer

Hold the freezer around its sides or base when moving it. Under no circumstance should it be lifted with the edges of the top surface.

Location

Do not locate your Freezer near a heat source, EG cooker, boiler or radiator. Also avoid direct sunlight in lean-to's or sun lounges.

Leveling the Freezer

Make sure the Freezer is level. Use the rotating leveling feet at the front. If the Freezer is not level, the doors and magnetic seal alignments will be affected.

Servicing

Repairs and maintenance of the appliance, should only be performed by a qualified service agent.

Tips for Saving Energy

1. Make sure that the appliance is not near a heat source.
2. Place the appliance in a dry and well-ventilated and no direct sunlight place.
3. It is always a good practice to pack, wrap and cover the food before storing.
4. Food shall cool to room temperature before storing.
5. Keep space between the food when load food into the appliance to allow circulation of air.
6. Long time or frequent door openings can cause internal temperature rise so the door shall be closed as soon as possible after use.
7. Keep the appliance door gasket sealing well and the appliance ventilation openings(if any) free.
8. If frost layer became too thick, it would affect the refrigeration effect. When the thickness of the frost layer is more than 3mm, the appliance must be defrosted in time.
9. The pre-set combination of drawers, baskets and shelves has already been set in the most efficient use of this product.

Do's and Don'ts

Do- keep raw meat and poultry below cooked food and dairy products.

Do- Wrap cheese firstly in greaseproof paper and then in a polythene bag, excluding As much air as possible. For best results, take out of the fridge compartment an hour before eating.

Do- Wrap raw meat and poultry loosely in polythene or aluminium foil. This prevents drying.

Do- Wrap fish and offal in polythene bags.

Do- Wrap food with a strong odour or which may dry out, in polythene bags, or aluminium foil or place in airtight container.

Do- Wrap bread well to keep it fresh.

Do- Check contents of the low temp compartment every so often.

Do- Keep food for as short a time as possible and adhere to "Best before" and "Use by" etc. dates.

Do- Store commercially prepared food in accordance with the instructions given on the packets.

Do- Always choose high quality fresh food and be sure it is thoroughly clean before Storing it.

Do- Wrap all food in aluminium foil or food quality polythene bags and make sure any air is excluded.

Do- Keep ventilation openings, in the appliance enclosure clear of obstruction.

Do- ensure that frozen food does not rise in temperature while defrosting, a rise in temperature during defrosting may shorten the storage life of your food.

Don't- Cover the shelves with any protective materials which may obstruct air circulation.

Don't- Store poisonous or any dangerous substances in your fridge. It has been designed for the storage of edible foodstuffs only.

Don't- Consume food which has been refrigerated for an excessive length of time.

Don't- Store cooked and fresh food together in the same container. They should be packaged and stored separately.

Don't- Let defrosting food or food juices drip onto already stored food.

Don't- leave the door open for long periods, as this will make the appliance more costly to run and cause excessive ice formation.

Don't- Use sharp edged objects such as knives or forks to remove the ice.

Don't- Use hairdryers, or electrical appliances for defrosting only use item recommended by the manufacturer.

Don't- put hot food into the appliance. Let it cool down first.

Don't- put liquid-filled bottles or sealed cans containing carbonated liquids into the freezer section, as they may burst.

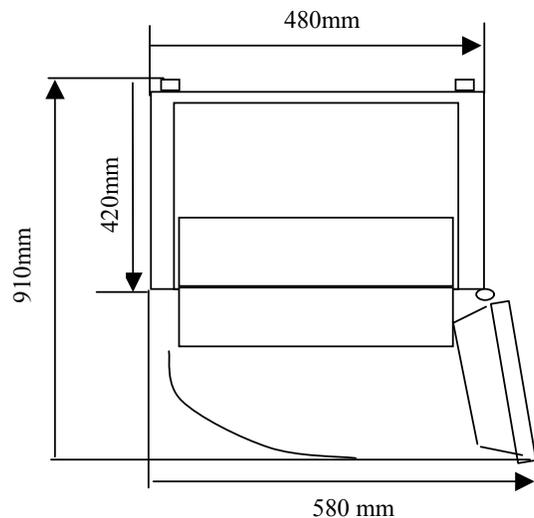
Don't- Give children ice cream and water ices direct from the freezer section. The low temperature may cause 'freezer burns' on the lips.

Don't- Try to keep frozen food which has thawed; it should be eaten within 24 hours or cooked and refrozen.

Don't- Damage the refrigerant circuit at any time.

Technical data

Brand	Tecnolec
Appliance type	Freezer
Star rating	✳️***
Total gross volume	76L
Total storage volume	64L
Freezer storage volume	64L
Freezing capacity	3.0kg/24h
Maximum rated wattage of lamp	N/A
Rated power input	90W
Rated current	0.6A
Climate Class + Ambient Range	N (+16°C to +32°C)
Energy class (1)	A
Energy consumption (kWh/year) (2)	190
Supply voltage	220-240V~, 50Hz
Noise [dB(A) re 1pW]	<39
Refrigerant/Amount	R600a/36g
Product dimensions(W×D×H)	480×500×840mm
Insulation blowing gas	Cyclopentane
Net weight	26kg
(1) Energy class: A.....G (A=economical...G=less economical)	
(2) The real energy consumption depends on using conditions and appliance location.	



If something doesn't seem to work

If there is something about your appliance which you do not understand and you live in the UK, you can phone our help line during normal office hours on: 0844 8009595

Calls are charged at standard rates.

We apologise for any inconvenience caused by minor inconsistencies in these instructions, which may occur as a result of product improvement and development.

Kesa Electricals UK, HU1 3AU 23 / 09/ 2010