Amica

FM104.4



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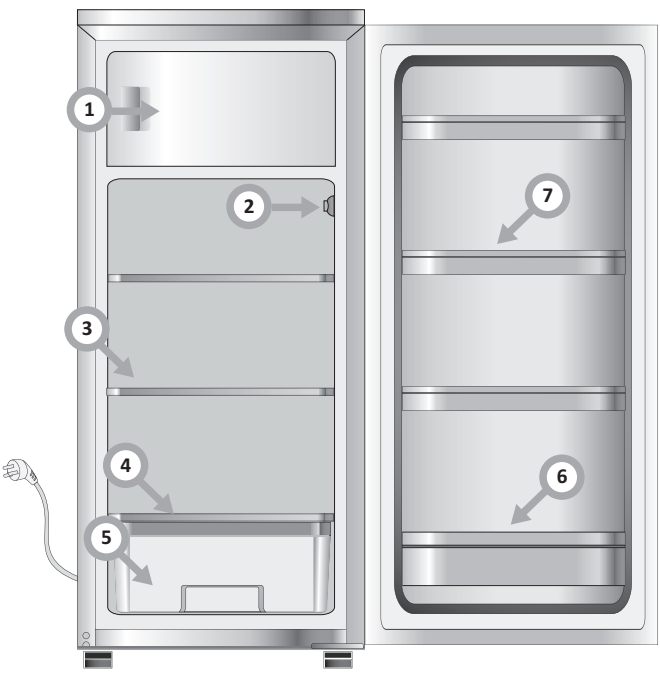
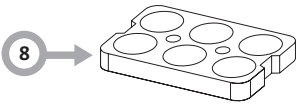
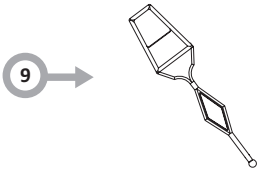
EN INSTRUCTION MANUAL







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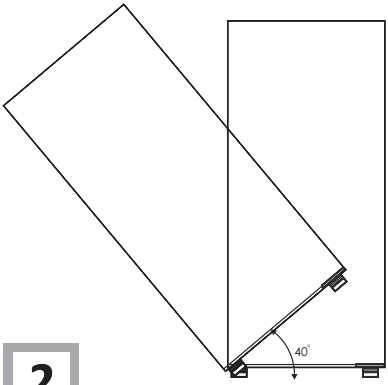

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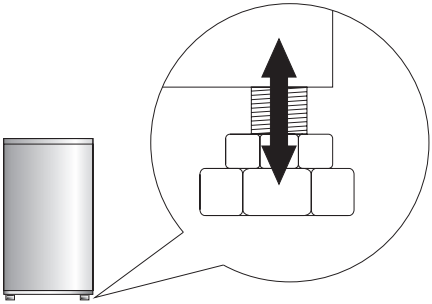

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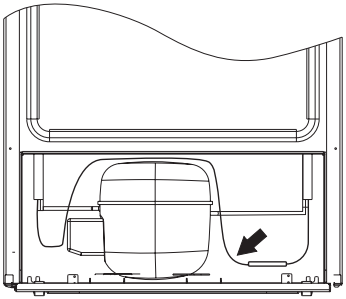

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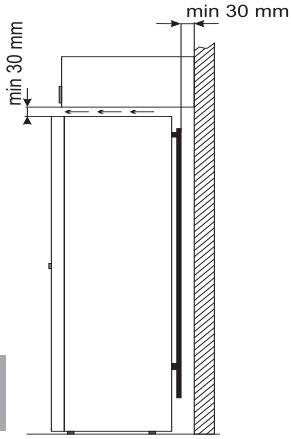

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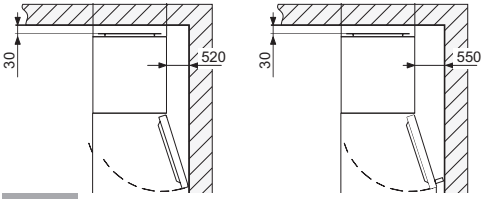
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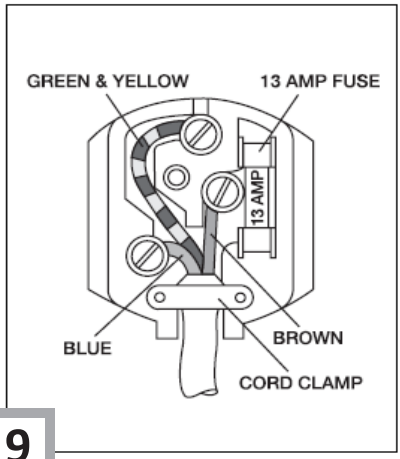
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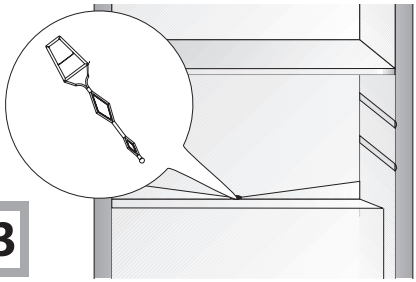

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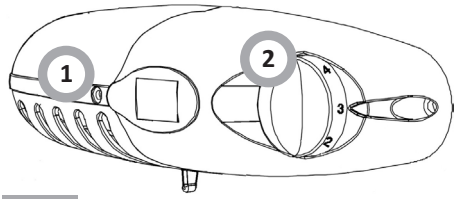
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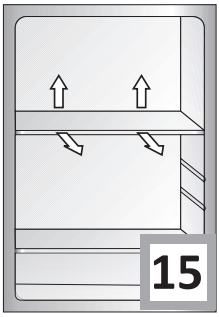

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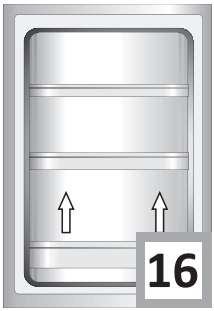

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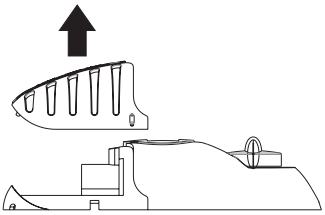

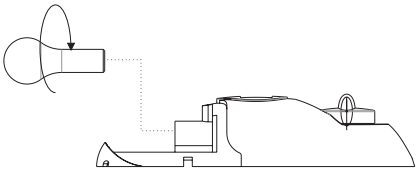

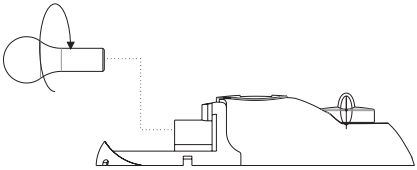

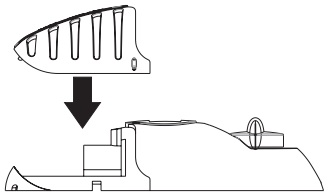

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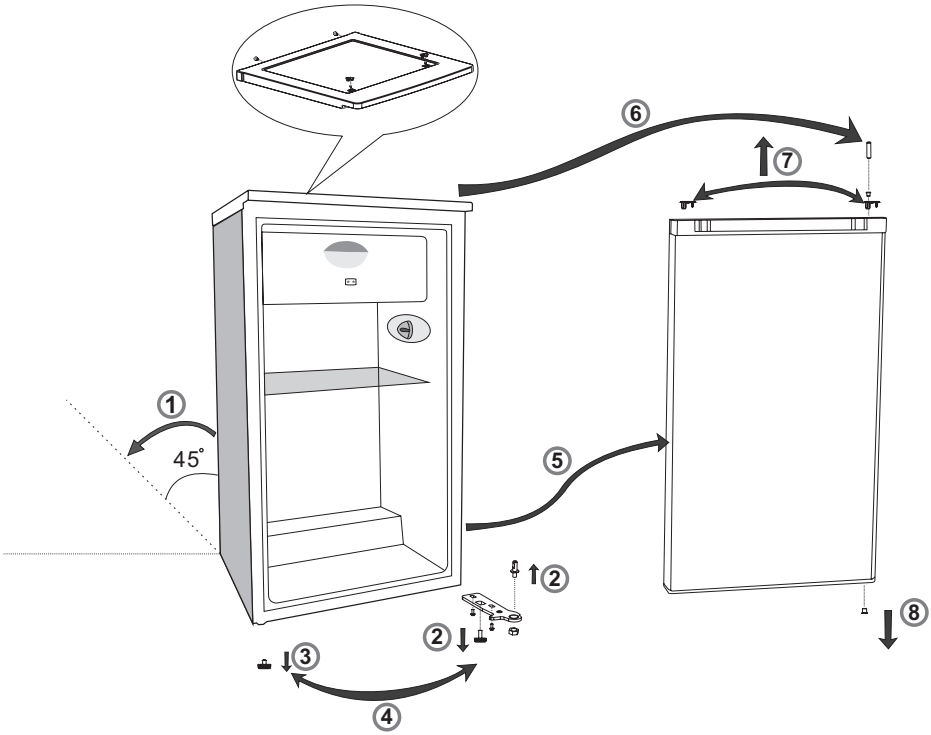
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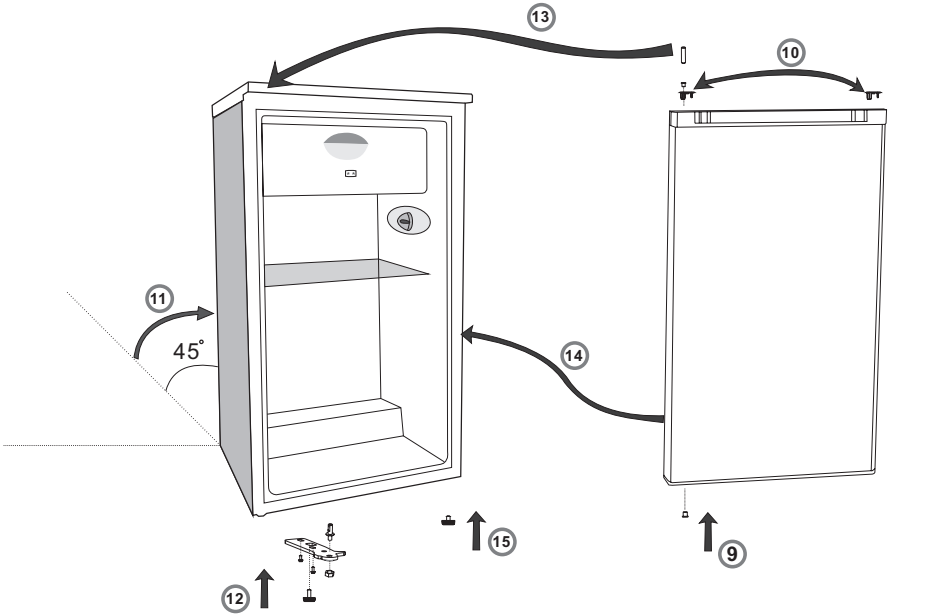
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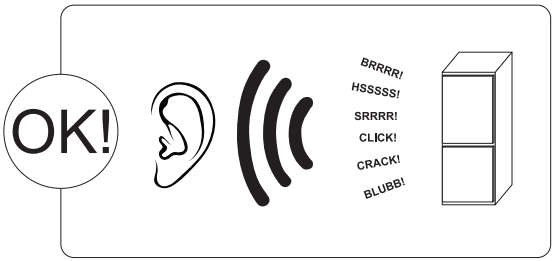
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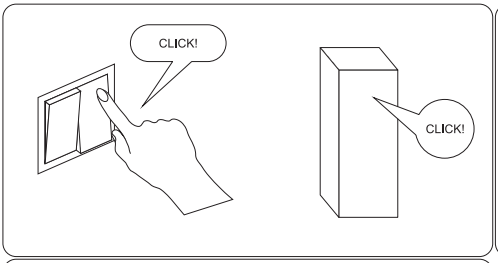
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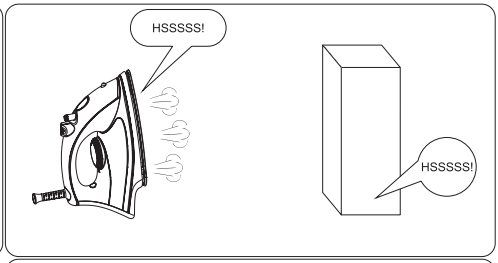
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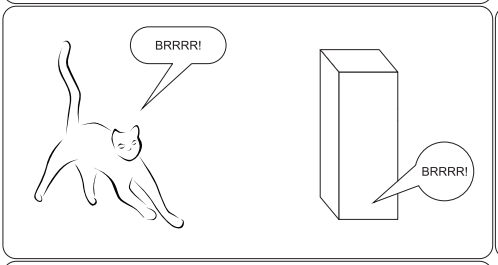
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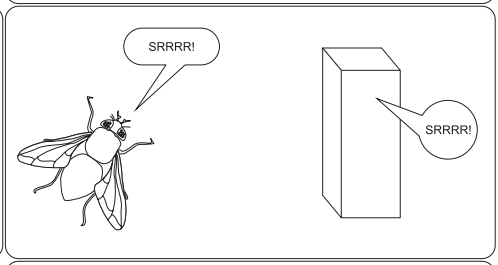
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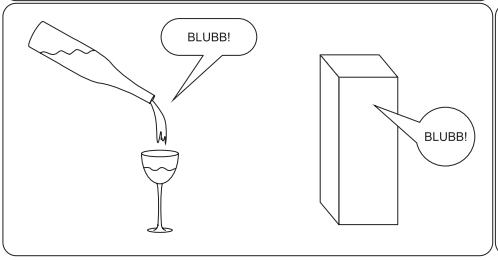
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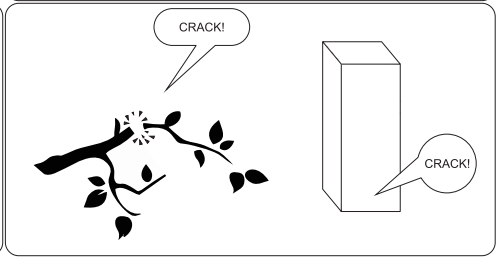
CRACK!
CRACK!

THANK YOU FOR PURCHASING AN AMICA APPLIANCE

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DEAR CUSTOMER!
Your appliance is exceptionally easy to use and extremely efficient. Before being packaged and leaving the manufacturer, the appliance was thoroughly checked with regard to safety and functionality.

Before using the appliance, please carefully read these Operating Instructions

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Figures in this user manual are for illustrative purposes only. Full appliance fittings are listed in a relevant section.

The appliance is intended for household use only.

The manufacturer reserves the right to introduce changes which do not affect the operation of the appliance.

Some provisions in this user manual are unified for refrigerating products of different types (for a refrigerator, refrigerator-freezer or freezer)
The Manufacturer shall not be held liable for damage arising from the failure to observe the instructions contained in this manual.
Keep this manual for future reference, or to pass it over to the next user.
This appliance is not intended for use by persons (including children) with limited physical or mental capabilities and persons who lack experience or familiarity with the appliance.
Do not allow children to use the appliance. Do not allow them to play with the appliance. They must not climb inside the drawers and swing on the doors.
The appliance operates properly at the ambient temperature (see product fiche). Do not use it in the cellar, unheated summer cottage during autumn and winter.
When placing, moving, lifting the appliance, do not hold the door handles, do not pull the condenser at the rear part of the refrigerator and do not touch the compressor unit.
When transporting, moving or positioning the fridge--freezer do not tilt it by more than 40° from the vertical position. Should such a situation occur, the appliance should be switched on after minimum 2 hours from its replacement in the right position (fig.2).
Pull the plug out from the mains socket before each maintenance activity. Do not pull on the cord, but hold the body of the plug instead.
The “cracking” sound, which the appliance may emit is caused by the expansion and contraction of parts as a result of temperature variations.
For safety reasons do not repair the appliance yourself. Repairs carried out by persons who do not have the required qualifications may result in serious danger for the user of the appliance.

Air the room in which the appliance is placed for a few minutes (the size of the room for a product containing isobuthane/R600a must be at least 4m^3) to avoid damage to the cooling system.
Do not refreeze partly thawed products.
Do not store beverages in bottles and cans, especially carbonated beverages, in the freezer chamber. The cans and the bottles may explode.
Do not put frozen products, taken out directly from the freezer (lollies, ice cubes, etc.) into your mouth, their low temperature may cause severe frost-bite.
Make sure you do not damage the cooling system, by puncturing the refrigerant pipes in the evaporator or breaking the pipes. The refrigerant is flammable. If the refrigerant makes contact with the eyes, rinse them with clean water and call for medical assistance immediately.
If the power wire gets broken, it should be replaced with a new one in a specialist repair shop.
This appliance is intended for food storage, do not use it for other purposes.
When performing activities, such as cleaning, maintenance or moving, the appliance must be completely disconnected from power supply (by pulling the plug out from the socket)
This appliance can be used by children aged 8 years and older or by persons with physical, mental or sensory handicaps, or by those who are inexperienced or unfamiliar with the appliance, provided they are supervised or have been instructed how to safely use the appliance and are familiar with risks associated with the use of the appliance. Ensure that children do not play with the appliance. Cleaning and maintenance of the appliance should not be performed by children unless they are 8 years or older and are supervised by a competent person.

Anti-bacteria System (varies depending on the model. Its presence is indicated by the label inside the appliance chamber) - The Antibacteria System protects foods and products inside the refrigerator from bacteria and mould which may cause unpleasant smells and shorten storage time. The Antibacteria System prolongs the freshness of food. The special material used to construct the fridge liner prevents bacterial, microorganism and mould growth.

In order to obtain more space in the freezer, you can remove the drawers and place the food directly on the shelves. This has no effect on the product mechanical properties and cooling performance. Declared freezer capacity was calculated with the drawers removed.

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Installation before using the appliance for the first time

- Take the product out of the package, remove the scotch tape protecting the door and the equipment. Any remaining adhesive stains may be removed with a mild washing agent.
- Do not throw away the polystyrene elements of the packaging. If it is necessary to transport the fridge-freezer, pack it in the polystyrene elements and film as well as protect ing it with scotch tape
- Clean the interior surface of the fridge-freezer and the elements of the equipment with a washing agent dissolved in lukewarm water, then wipe it dry.
- Place the fridge-freezer on an even, flat and stable surface, in dry, aired and shaded room, far from the heat sources such as: oven, hob, central heating radiators, central heating pipes, hot water installation, etc.
- On the exterior surface of the product may be a protective foil, this foils should be removed.
- Make sure the appliance is placed in a horizontal position by screwing in the 2 adjustable front legs (fig. 3)
- To ensure that the door opens freely, the distance between the side of the appliance (on door hinges side) and the wall is shown on figure 5.*
- Ensure adequate ventilation of the room and free air circulation from all sides of the appliance (fig. 6).*

Minimum distances from the heat sources

- from the electric gas and other ovens - 30 mm,
- from oil or coal fired ovens - 300 mm,
- from built-in ovens - 50 mm

If there is no possibility of ensuring the above- mentioned distances, provide an appropriate insulation board.

- The rear wall of the refrigerator, in particular, the condenser and other elements of the cooling system must not contact other elements, which may damage them, (e.g. central heating pipes and the water supply pipes).
- It is forbidden to readjust or modify any parts of the unit. It is crucial not to damage the capillary tube visible in the compressor recess. The tube may not be bent, straightened or wound.
- If the capillary tube is damaged by the user the guarantee will be void (fig. 8).
- In some models the handle is put into the appliance, You should screw it with Your own screwdriver,

Mains connection

- Prior to connection, it is recommended to set the temperature control knob to an „OFF" or other position that disconnects the appliance from the power supply (See page with the control description).
- This appliance should be connected to AC 220-240V 50Hz supply socket. The socket must be fitted properly, and must be supplied with an earthing conduit and a 10A fuse.
- It is a legal requirement that the appliance is properly earthed. The manufacturer will not be held liable for any damage or injury which may result from the failure to fulfil this requirement.
- Do not use adapters, multiple sockets and two-wire extension leads. If it is necessary to use the extension lead, it must be equipped with a protection ring and a single socket and must have a VDE/GS safety certificate.
- If an extension lead is used (with a protection ring and safety certificate), its socket must be located at a safe distance, away from the sinks, and must not be in a place where it could be flooded by water or waste water.
- See the type plate at the lower part of the internal wall of the appliance for detailed specifications**.

Disconnecting the mains

- Make sure the appliance can be easily disconnected from the mains, either by pulling the plug out of the mains socket, or by switching the two-pole switch off (fig. 9).

* Only freestanding appliances
** According to the model

Control panel (Fig. 10).

1. Bulb cover
2. Thermostat

Temperature adjustment

Turning the knob to a different setting changes the temperature in the fridge-freezer.

Available knob settings:

- appliance switched off - OFF/0 setting
- maximum temperature - 1 setting
- optimal temperature - 2-6 setting
- minimum temperature - 7 setting



Do not put food into the fridge freezer before it has reached its operating temperature, which takes minimum 4 hours.

Temperature inside the fridge / freezer chamber

Do not change the temperature settings due to the change in the season of the year. The ambient temperature increase will be detected by the sensor and the compressor will be switched on automatically for a longer period of time in order to maintain the temperature set inside the chambers.

Minor changes in temperature

The slight changes in temperature are perfectly normal and may occur, for instance during the storage of great quantities of fresh products in the fridge, or when the door is open for a longer period of time. This will not affect the condition of the stored foodstuff, and the temperature will quickly return to its set value.

Replace the light bulb*

- Set the knob to „OFF”, then unplug the appliance.
- Remove the bulb cover (Fig. 18).
- Replace the bulb with one having identical parameters as the bulb factory pre-installed in the appliance (E14 thread, 220-240V, max 10W, maximum dimensions: diameter 26 mm, length 55 mm).
- Replace the bulb cover.

Bulbs of a higher or lower power should not be used, only use bulbs of the specification given above.

The light bulb must not be used for room illumination.

* Applicable to appliances factory designed for incandescent lighting, and selected appliances equipped with LED lighting in the form of a E14 thread light bulb.

Storage of food in the fridge-freezer

Observe the following recommendations to ensure the food remains fresh.

- The products should be placed on plates, in containers or packed in food wrap. Distribute them evenly l over the shelves.
- If the food contacts the rear wall, it may cause frosting or wetting of the products.
- Do not put dishes with hot food t into the fridge
- Products which absorb flavours easily such as butter, milk, white cheese and products with intense flavour, such as fish, smoked meat, hard cheese must be placed on shelves, packed in food wrap or in tightly sealed containers.
- The storage of vegetables containing significant quantities of water will cause the deposition of condensation on the vegetable containers, it does not impact on the proper functioning of the fridge.
- Before putting the vegetables into the fridge, dry them well.
- Excessive moisture shortens the shelf life of vegetables, especially the leafed vegetables.
- Do not wash the vegetables before storing in the refrigerator. Washing removes the natural protection, therefore it is better to wash the vegetables directly before consumption.
- It is recommended to place the products in freezer drawers 1, 2, 3* up to natural loading capacity (Fig. 11a / 11b).**

1. Packed products
2. Shelf
3. Natural loading capacity
4. (*/***)

- Stacking of products on the freezer shelves is acceptable.*
- It is acceptable to place products beyond the natural loading capacity by 20-30 mm.**
- In order to increase the loading capacity of the freezer chamber and allow the stacking of products on the freezer evaporator wire shelves up to maximum height it is possible to remove drawers 1 and 2.*

Freezing food**

- Practically all the food products, except for vegetables consumed raw, such as lettuce can be frozen.
- Only food products of the highest quality, divided into small portions for single use, should be frozen.
- Products should be packed in materials that are odourless, resistant to air and moisture penetration, and not susceptible to fat. Plastic bags, polyethylene and aluminium sheets are the best wrapping materials.
- The packaging should be tight and should stick to the frozen products. Do not use glass containers.
- Keep fresh and warm foodstuff at ambient temperature away from the products, which have already been frozen.
- We advise you not to place more of fresh food at a time to the freezer per day (see table witch technical specification).
- In order to maintain optimum quality of the frozen food, reorganise the food that is in the middle of the freezer, so that it does not touch the products that are not yet frozen.
- It is recommended that you move the already frozen products to one side and place the fresh products that are to be frozen on the opposite side, as close to the rear and side walls as possible.
- To freezing products, use space marked (*/***).
- **Bear in mind that the temperature in the freezer is affected by several factors, including the ambient temperature and the quantity of food products in the chamber, the frequency of opening the door, the amount of frost in the freezer, and the thermostat setting.**
- **If you cannot open the freezer door immediately after closing it, allow 1-2 minutes for the negative pressure to compensate, and try again to open the door.**

The storage time for frozen products depends on their quality before freezing when fresh, and on the storage temperature. The following storage periods are recommended when the temperature of -18°C or lower is maintained::

Products	Months
Beef	6-8
Veal	3-6
Giblets	1-2
Pork	3-6
Poultry	6-8
Eggs	3-6
Fish	3-6
Vegetables	10-12
Fruit	10-12

Do not store frozen food in rapid cooling chamber. Ice cubes can be prepared and stored in this chamber.***

* Applicable to appliances with a freezer compartment at the bottom of the appliance.
** Applicable to appliances with a freezer compartment (*/***)
*** Not applicable to appliances with a freezer compartment marked (*/***)

USING THE REFRIGERATOR EFFICIENTLY

Practical everyday tips

- Do not place fridges or freezers next to radiators, heaters, stoves or in direct sunlight.
- Make sure that air vents are not covered up and clean the dust off them once or twice a year.
- Select the right temperature: 6 to 8°C in your refrigerator and -18°C in your freezer is sufficient.
- When on holiday, turn up the temperature in your fridge.
- Only open your fridge or freezer when necessary. It helps if you know what food each contains and where it is located. Return food to the fridge or freezer as soon as possible after you have used it so that it does not warm up too much.
- Wipe the inside of your fridge regularly with a cloth soaked in a mild detergent. Appliances which are not self-defrosting will require regular defrosting. Do not allow frost layers thicker than 10 mm to form.
- Keep the seal around the door clean, otherwise it will not shut properly. Always replace broken seals.

Understanding the stars

* Temperature is at least -6°C; sufficient to store frozen food for about a week. Drawers or compartments marked with one star used to be a feature of (mostly) cheaper fridges.

** Food can be stored at -12°C or below for 1-2 weeks without losing its taste. Not suitable for freezing food.

*** This rating is mainly used to store foods at -18°C or below. Can also be used to freeze up to 1 kilogram of fresh food.

**** This appliance is suitable for storing foods at -18°C or below and freezing larger quantities of fresh foods.

Storage zones in the refrigerator

- Due to the natural circulation of the air in the appliance, there are different temperature zones in the refrigerator chamber.
- The coldest area is directly above the vegetables drawers. Use this area for all delicate and highly perishable food e.g.
  - Fish, meat, poultry
  - Sausage products, ready meals
  - Dishes or baked goods containing eggs or cream
  - Fresh dough, cake mixtures
  - Pre-packed vegetable and other fresh food with a label stating it should be kept at a temperature of approx 4°C.
- The warmest area is in the top section of the door. Use this for storing butter and cheese.

Food that should not be stored in a refrigerator

- Not all food is suitable for storing in the refrigerator, particularly:
  - Fruit and vegetables which are sensitive to cold, such as bananas, avocado, papaya, passion fruit, aubergines, peppers, tomatoes and cucumbers.
  - Fruit which is not yet ripe
  - Potatoes

Example of storing the food - see figure 12.

Never clean the product's casing or plastic parts using solvents or strong, abrasive detergents (e.g. washing powders or creams)! Use mild liquid detergents and soft cloths only. Do not use sponges.

Defrosting the fridge***

- Frost settles on the rear wall of the fridge chamber. It is removed automatically. During the defrosting, the condensate, which contains contaminants may clog the opening in the through. Should it occur, carefully unclog the opening with the cleaning plug (fig. 13).
- The appliance operates in cycles: it refrigerates (then the frost settles on the rear wall), and defrosts (water flows down the rear wall)

Disconnect the appliance from the mains before cleaning by removing the plug from the mains socket or switching off the fuse. Prevent water from penetrating the control panel or the light.

- Do not use defrosting aerosols. They may cause the formation of an explosive mixture, or contain solvents which may damage the plastic components of the appliance and even be harmful to health.
- Make sure the water used for cleaning does not flow into the evaporation container through the discharge opening.
- The whole appliance, except for the door gasket must be cleaned with a mild cleaning detergent. The door gasket should be cleaned with water and wiped dry.
- Wash all the accessories (vegetable containers, door shelves, glass shelves, etc.).

Defrosting the freezer**

- It is recommended to combine defrosting the appliance with washing it.
- Excessive accumulation of ice on the freezing areas impairs the appliance's freezing capacity and increases the energy consumption.
- Defrost the appliance at least once or twice a year. In case of a higher ice build-up, defrosting must be carried out more frequently.
- If there is food in the freezer, set the knob to the max. position about 4 hours before the planned defrosting. This will ensure the possibility of storing the food at the ambient temperature for a longer time.
- After taking the food out of the freezer, put it in a container, wrap it with several layers of paper, a blanket and store it at a cool place.
- The defrosting operation should last as short as possible. Long storage of food at the ambient temperature shortens their shelf life.

In order to defrost the freezer chamber, you must take the following steps:**

- Switch of the appliance using the control panel and pull the plug out from the socket..
- Open the door and remove the food from the freezer.
- Depending on the model, pull out the drainage tube located in the bottom of the freezer compartment and place a suitable vessel underneath.
- Leave the door open, this will speed up the defrost process. Additionally, a pot with hot water (not boiling) may be placed inside the freezer compartment.
- Wash the interior of the freezer and wipe it dry.
- Switch on the appliance as per the relevant point in the manual.

Automatic fridge defrosting****
The fridge chamber has been equipped with an automatic defrosting function. However, frost may settle on the rear wall of the fridge chamber. This happens usually, when large quantities of fresh food products are stored in the fridge.

Automatic fridge defrosting****
The freezer chamber has been equipped with an automatic defrosting function (no-frost). The food is frozen in the cooled circulation air, and the moisture from the freezer chamber is discharged outside. As a result, no ice and frost is produced in the freezer and the products do not freeze on each other.

Washing the fridge and freezer chambers manually****
It is recommended to wash the fridge and freezer chambers at least once a year. This prevents the formation of bacteria and bad odours. Switch off the appliance, using button (1), remove the food from the chambers and wash them using water with a mild detergent. Then, wipe the chambers dry with a cloth.

Taking out and putting in the shelves

Slide the shelf out, then slide it in as much as possible so that its clamp could fit the guide groove (fig. 15).

Taking out and putting in the door shelf

Lift the door shelf, remove it and put it back from the top into its required position (fig. 16).

You must not put an electric heater, a heating fan or a hair dryer into the freezer by any means.

** Applicable to appliances with a freezer compartment (*/***) Not applicable to appliances with a Frost-free System.
*** Applicable to appliances with a refrigerator compartment Not applicable to appliances with a Frost-free System.
**** Applicable to appliances with a Frost-free System.

TROUBLE-SHOOTING

Problems	Possible causes	Remedies
The appliance does not work	The electric circuit is disrupted	- check whether the plug is properly inserted into the socket - check whether the power cable of the appliance is not damaged - check whether there is voltage in the socket, by plugging another appliance, e.g. a night lamp - check whether the appliance is switched on by setting the thermostat to a position above 0.
The lighting inside the chamber does not work	The bulb is loose or fused (only appliances with bulb lightning type)	- fit the bulb correctly or replace it (see section above “Replacing the interior light bulb)
Temperature inside the appliance is not low enough or too high	Incorrect setting of the adjustment knob	- reset the knob to a higher position
	The ambient temperature is higher or lower than the climate range from table with technical specification	- the appliance is adapted to operation in the climate range from table with technical specification.
	The appliance is located in a sunlit place or near heat sources	- move the appliance to another place. Observe the guidelines contained in the manual
	Too much warm food loaded at a time	- wait 72 hours until the food becomes cool (freezes) and the required temperature is reached inside the chamber
	Internal air circulation obstructed	- place the food and containers in such a way that they do not touch the rear wall of the fridge
	The air circulation at the back of the appliance is obstructed	- move the appliance min. 30 mm away from the wall
	The door of the fridge/freezer is opened too often and/or remains open for too long	- reduce the frequency of opening the door and/or shorten the time when door remains open
	The door does not close completely	- place the food and containers so that they would not interfere with door closed
	The compressor is switched on too rarely	- check whether the ambient temperature is not lower than climate class
	Door gasket inserted incorrectly	- press the gasket in
The appliance works continuously	Incorrect setting of the adjustment knob	- reset the knob to a lower position
	See. ”Temperature inside the appliance is not low enough for description of other possible causes	See. ”Temperature inside the appliance is not low enough for description of other possible remedies
Water collects in the lower part of the appliance	The water discharge opening is clogged (depending on the model)	- clean the discharge opening (see the operating manual – chapter entitled ”Defrosting the fridge”)
	Internal air circulation obstructed	- place the food and containers in such a way as that they do not touch the rear wall of the fridge
The appliance generates unusual noise	Incorrect levelling of the appliance	- level the appliance properly
	The appliance is touching furniture and/or other objects	- place the appliance at a location that ensures proper clearances around it

Certain sounds can be heard during normal use of the refrigerator, which do not affect its correct operation.

Sounds, which can be easily prevented:

- noise caused by the appliance which is not level - adjust the position with the adjustable turn-in front feet. Alternatively, place pads made of soft material under the rear rollers, especially when the appliance is placed on tiles.
- touching the adjacent piece of furniture - move the refrigerator away.
- creaking of the drawers or shelves - take out and put back the drawer or shelf.
- sounds of clinking bottles - move bottles apart.

Sounds heard during normal use are mainly due to operation of the thermostat, compressor (switching on) and cooling system (thermal expansion and contraction of the radiator caused by flow of the cooling agent).

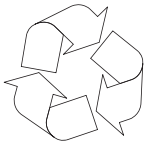
ENVIRONMENTAL PROTECTION

Ozone layer protection



The refrigerants and foaming agents, which are 100% free of FCKW and FKW have been used for manufacturing our product. Therefore we are helping to protect the ozone layer and prevent the increase of greenhouse effects. Also, the innovative technology and environmentally friendly insulation help in reducing energy consumption.

Recycling of the packaging



Our packaging are made of environmentally friendly materials, which can be reused:

- The external packaging is made of cardboard/foil
- The FCKW free shape of foamed polystyrene (PS)
- Polyethylene (PE) foils and bags

ELIMINATION / DISPOSAL OF THE EQUIPMENT



If the appliance is no longer in use, cut the connecting cable off the used equipment before its scrapping. Also, remove the appliance lock or render it useless so that the appliance presents no danger to children while being stored for disposal. This appliance is marked with a symbol of the crossed out waste container in conformance with the European Directive 2002/96/EC. Such marking informs that the equipment may not be kept together with other waste coming from the household after the period of its use. The user is obliged to dispose of the appliance at the waste collection point. The local waste collection points, shops and communal units form an appropriate system enabling the disposal of the equipment.

Handling the used electrical and electronic equipment properly contributes to the avoidance of consequences harmful to the human health and natural environment, resulting from the presence of hazardous substances and improper storage and processing of such equipment.

CLIMATE RANGE

The information about the climate range of the appliance is provided on the rated plate. It indicates at which ambient temperature (that is, room temperature, in which the appliance is working) the operation of the appliance is optimal (proper).

Climate range	Permissible ambient temperature
SN	from +10°C to +32°C
N	from +16°C to +32°C
ST	from +16°C to +38°C
T	from +16°C to +43°C

Manufacturer's Declaration

The manufacturer hereby declares that this product meets the requirements of the following European directives:

- Low Voltage Directive **2014/35/EC**,
- Electromagnetic Compatibility (EMC) Directive **2014/30/EC**,
- *ErP Directive* **2009/125/EC**

and has thus been marked with the CE symbol and been issued with a declaration of compliance made available to market regulators.

WARRANTY AND AFTER-SALE SERVICES

Warranty

Warranty service as stated on the warranty card
The manufacturer shall not be held liable for any damage caused by improper use of the product.

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ITEMS OF EQUIPMENT

1	Low temperature chamber
2	Control panel
3	Glass shelf
4	Shelf over the vegetable container
5	Vegetable container
6	Large door shelf
7	Medium door shelf
8	Egg tray
9	Pusher

Individual fittings	**FM104.4**
Glass shelf	1
Shelf over the vegetable container	1
Vegetable container	1
Egg tray	1
Large door shelf	1
Medium door shelf	2
Pusher	1



Amica

Service Help Line

For the UK: please call
0844 815 8880 (non-geographic number)
or **01563 557158** (standard rate call)

For Ireland: please call
0818 46 46 46 (non-geographic number)
or **01 883 2010** (standard rate call)

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