

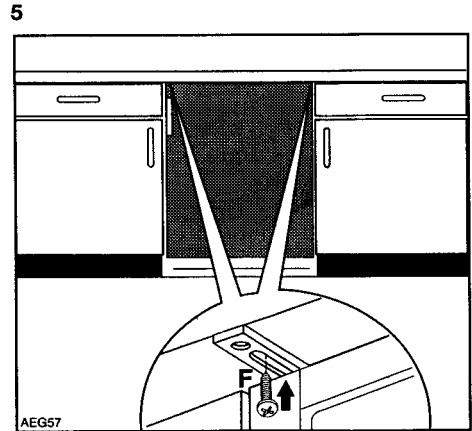
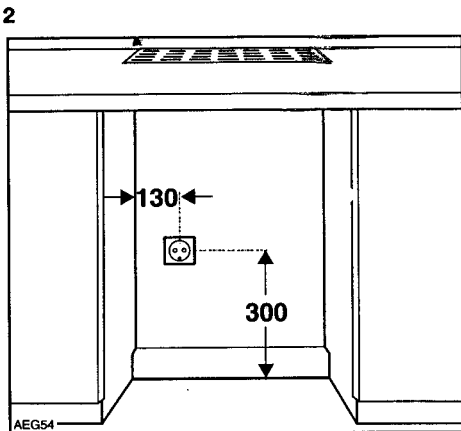
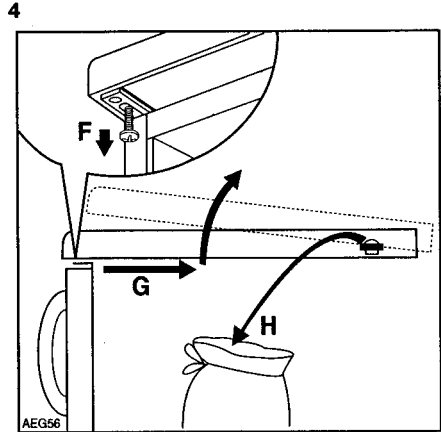
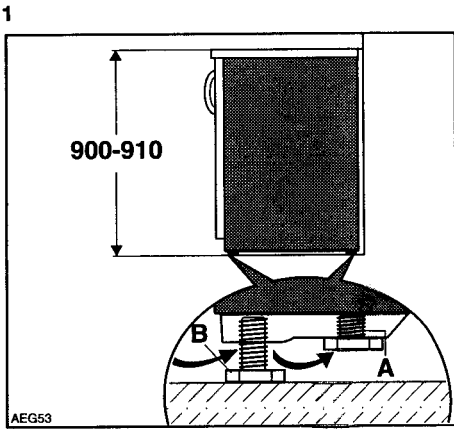
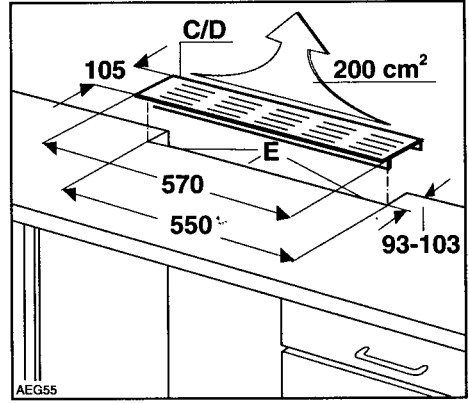
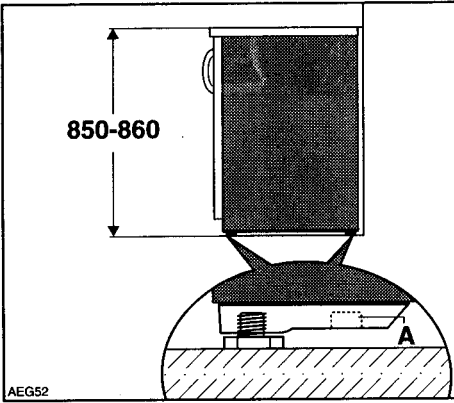
ÖKO_SANTO 1643TK / 1659TK

Automatic Table Top Refrigerators

Operating Instructions

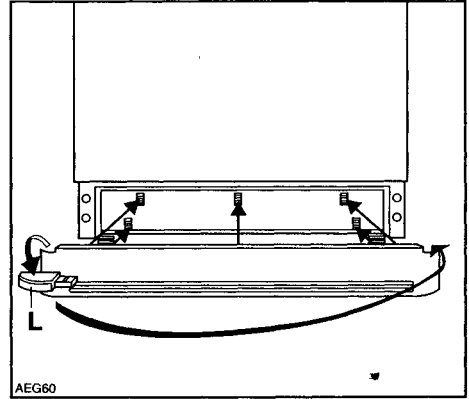
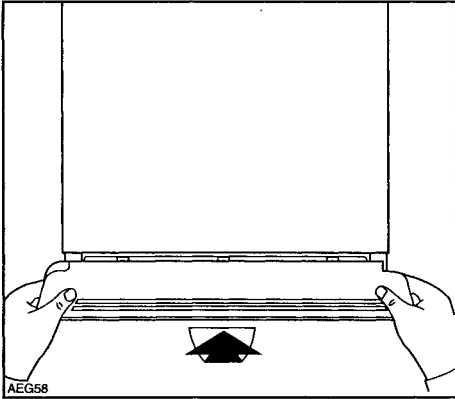
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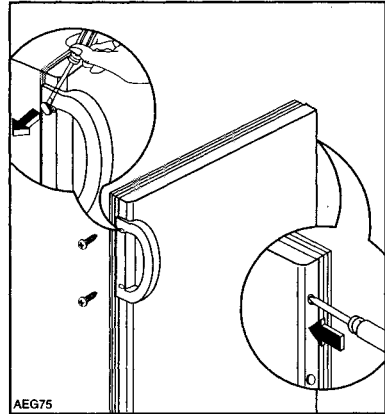
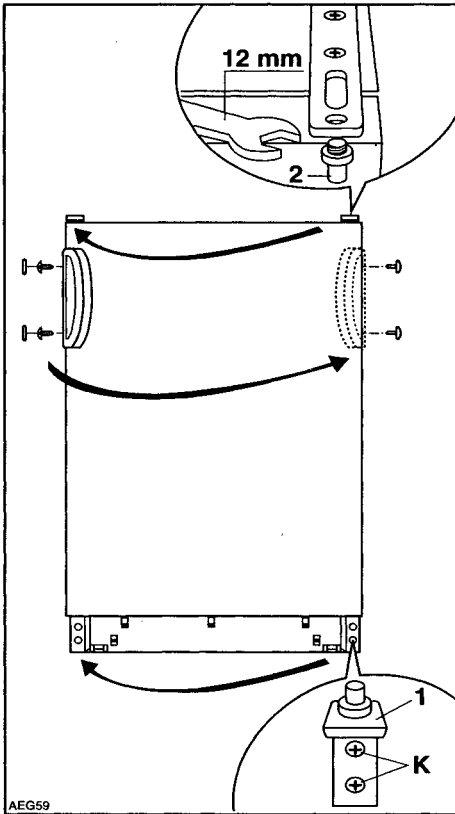
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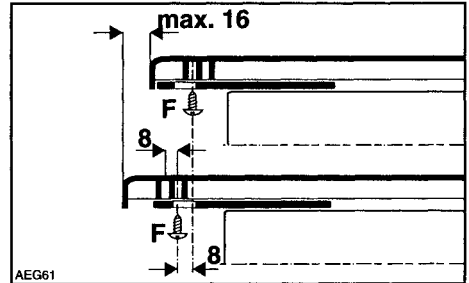


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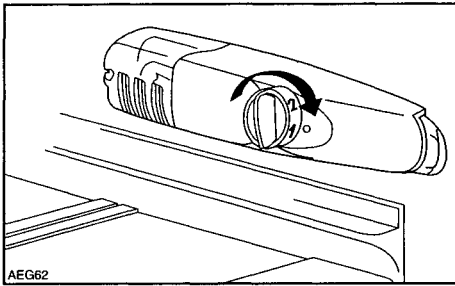


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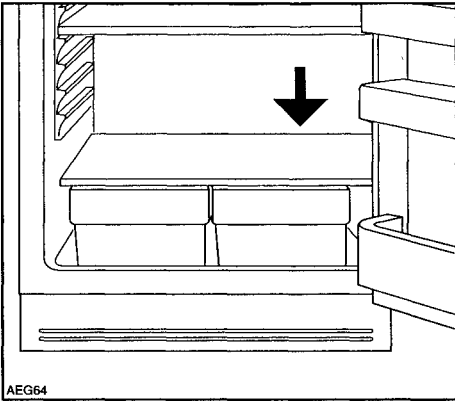
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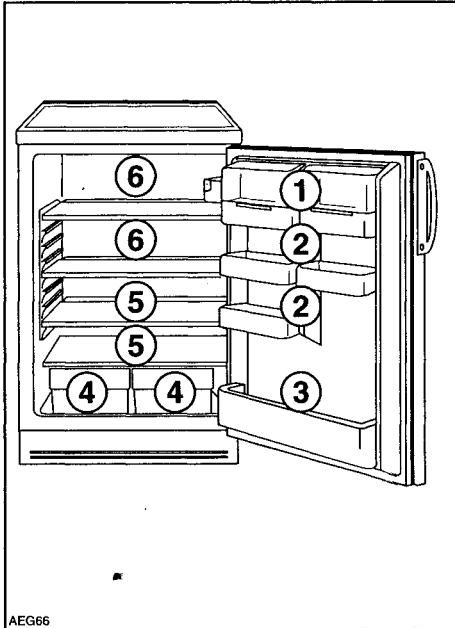
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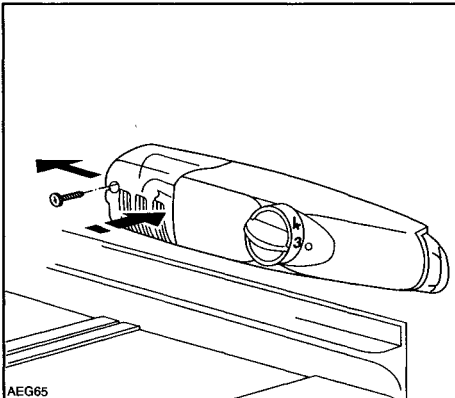
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CAUTION!

If your new appliance is to take the place of an old model, please make the old one unusable in the following way: pull the plug out of the socket, cut off the electric lead, and dispose of the plug and the rest of the lead in an environmentally friendly manner.

If your old appliance has a snap-lock or bolt-type door catch, please make it completely ineffective before storing the appliance away or sending it for environmentally friendly disposal. You will thus ensure that children at play cannot lock themselves in, which could even put their lives in danger. Please also make sure that the pipes in your old appliance are not damaged before being taken away for proper, environmentally friendly disposal.

Information on the packaging of the appliance

All materials used are environmentally compatible. They can be safely thrown away on a rubbish dump or burnt in a refuse incinerator.

Concerning the materials: the plastics can also be re-used and are labelled as follows:

>PE< for polyethylene (polythene), e.g. for the outer foil and for the bags inside

>PS< for polystyrol foam, e.g. for the padding, manufactured entirely without chlorofluorocarbons (CFC).

The cardboard parts are manufactured from recycled paper and should be returned for collection as scrap paper.

General tips

You have acquired a domestic refrigerator which has been produced in compliance with the industrial standards for appliances of this kind. The measures were taken in particular that are required by the German Appliance Safety Act (GSG), the Accident Prevention Regulations for refrigeration equipment (VBG 20), and the regulations of the German Association of Electrical Engineers (VDE).

CE This appliance complies with the following EC Directives:

- 73/23/EEC of 19.02.1973 - Low-Voltage Directive
- 89/336/EEC of 03.05.1989 (including Amendment Directive 92/31/EEC) - EMC (Electromagnetic Compatibility) Directive.

We recommend that you read the following instructions before using the appliance for the first time, as this is the only way in which you can make full use of all its advantages. The instructions have been written for a number of technically comparable models with various different features. Please note only the instructions that apply to your appliance. Please fold out the extra page with the illustrations, so that you can check off the text against the pictures.

Removing the adhesive tape

The door is secured against the housing with adhesive tape. If any residues of adhesive remain, remove them with cleaning or washing benzene.

Commercial use

If you intend to use your appliance commercially, or for any other purpose than keeping food and drinks cool, please take note of the statutory regulations in force for your area.

Location

The most suitable location is a dry, well ventilated room.

The ambient temperature has an effect on the amount of current the refrigerating unit consumes.

The appliance should therefore:

- not be placed in the direct sunlight or next to a radiator or the oven, and
- stand in a place where the ambient temperature is in line with the climate category for which the appliance is designed.

You will find the relevant data on the rating plate located on the left inside the interior of the appliance. The following are the possible climate categories:

Climate category	Ambient temperature from ... to ...
SN	+10 to +32°C
N	+16 to +32°C
ST	+18 to +38°C
T	+18 to +43°C.

If there is no avoiding a position next to a source of heat, the following are the minimum side-to-side distances that must be observed: electric ovens: 3 cm; oil or coal fired boilers: 30 cm. Otherwise it will be necessary to fit a heat-insulating panel. If this

appliance is to be positioned alongside another fridge or freezer, the distance between them must be at least 5 cm for technical reasons connected with ventilation and to avoid "sweating".

The appliance must stand on a firm, horizontal surface. Compensate for any unevenness in the floor by screwing the adjustable feet inwards or outwards.

Adjustable feet for a working height of 85 /86 cm

Fig. 1

Your appliance is fitted as standard with four adjustable feet, so that you can compensate for any unevenness in the floor by turning them inwards or outwards. If the appliance is to be installed underneath a continuous work-top, all four feet will need to be turned to the position (A) which place the appliance as low down as possible.

Special accessories - adjustable feet for a working height of 90/91 cm

Fig. 2

If the appliance is to be installed with a working height of 90/91 cm, four adjustable feet (B) 6 cm long must be bought as special accessories and screwed into place. The standard feet can be left in the low-down position (A).

Electrical connection

WARNING - THIS APPLIANCE MUST BE EARTHED

Please ensure that the voltage and current indicated on the rating plate agree with the voltage of your electricity supply.

220/240 volts (i. e. 220/240 V AC).

If your appliance has been equipped with a mains lead with a moulded-on type plug, you must comply with the following regulations: The plug moulded on to the cord incorporates a fuse. For replacement, use a 13 amp BS 1362 fuse. Only ASTA approved or certified fuses should be used. The fuse cover/carrier must be replaced in the event of changing the fuse. The plug must not be used if the fuse cover/carrier is lost. A replacement cover/carrier must be obtained from an electrical goods retailer. If

the socket outlets in your home are not suitable for the plug fitted to the appliance, then the plug must be cut off and an appropriate one fitted. When fitting the plug please note the following points:

Important

The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow	Earth
Blue	Neutral
Brown	Live

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:

1. The wire which is coloured green and yellow must be connected to the earth terminal in your plug, which is marked with the letter E or by the earth symbol \perp or coloured green, or green and yellow.
2. The wire which is coloured brown must be connected to the live terminal which is marked with the letter L or coloured red.
3. The wire which is coloured blue must be connected to the neutral terminal which is marked with the letter N or coloured black.

When wiring the plug, ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug.

Warning! A cut-off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that the cut-off plug is disposed of safely.

Voltage 220/240 V AC

Fuse rating 13 amps

See rating plate for further information.

The rating plate is inside, on the left.

If the appliance is installed under a continuous worktop, the plug socket should be provided as in **Fig. 3**.

Your refrigerator needs air

Fig. 4

The refrigerating unit operates without any maintenance, but the one thing it must have is sufficient ventilation. The air is drawn in underneath the door, through the ventilation slots in the plinth front panel, passes through the slot behind it between the refrigerating unit and the storage surface, and is then expelled through the upper air-outlet grille. Please make sure these openings are never

covered over.

The minimum distance between the top edge of the appliance and any cabinet installed above it, such as a hanging cupboard, should be 10 cm.

If the appliance is to be built in underneath a continuous work-top, an air-outlet opening of at least 200 cm must be provided at the back of the work-top and fitted with a grille (C/D) in a suitable design (**Fig.4**).

Paint over any cut edges in the work-top (E) to prevent it from swelling if humidity enters it.

The distance between the appliance and the wall must be at least 30 mm, and should be checked before the air-outlet grille is inserted.

Available as special accessories:

C Air outlet grille, brown

D Air outlet grille, white.

Remove the work-top

Fig. 5

After the work-top has been removed the appliance can be installed underneath a continuous work-top. The procedure is as follows:

Unscrew the Phillips screws (F) on the right and the left.

Lift the work-top slightly, push it about 20 mm towards the rear, and lift it off upwards (G).

Unscrew the holding bracket (H) and keep it in a safe place.

Fastening to a continuous work-top

Fig.6

To install the appliance underneath a continuous work-top, fix it on the left and the right underneath the work-top with a fixing screw (F) passing through the elongated slot in the door bearing.

The screws taken out when the work-top was removed can be used for this purpose.

Changing over the door hinges

Figs. 7 to 9a

Before you connect the appliance to the power supply you should check whether the door should close to the right (as delivered) or should better be changed over to the left if the position and ease of

use require. If so:

1. Tilt the appliance slightly towards the rear and prop it securely.
2. Pull the front facia of the plinth off (**Fig. 7**).
3. Unscrew the door hinge screws (K) and take the door bearing (1) downwards out of its cavity (**Fig. 8**).
4. Open the door a little way and take it out downwards. Put it in a safe place where it will not be damaged.
5. Unscrew the upper pin (2) and screw it into place on the opposite side.
6. Fit the door into the upper pin (2) and close it.
7. Insert the pin of the door bearing (1) into the left hand cavity and screw the bearing firmly into place with the screws (K).
8. Move the separate part of the plinth facia (L) from the left to the right and press the facia back into position (**Fig. 9**).
9. Unscrew the handle. Refit it on the opposite side after having pierced the plugs with a punch. Cover the holes left open with the plugs contained in the documentation pack.

Variable work-top adjustment

Fig. 10

The variable work-top permits the front face of the appliance to be lined up with absolute precision with the fronts of the other appliances or kitchen cabinets. To this end, the work-top can be adjusted forwards in two stages to a maximum of 16 mm. It's this easy:

1. Open the door.
2. Loosen the two Phillips screws (F) on the left and the right.
3. Push the work-top forwards to the required position.
4. Fasten the screws (F) again.

If it is necessary to bring the work-top more than 8 mm forwards, take the screws (F) out, push the work-top forwards, and insert the screws into the second group of holes (see lower picture).

Before starting up

Like all new appliances, your new refrigerator will have a certain odour of its own, so it is advisable to clean the interior and all the internal fittings (see: "Care and cleaning").

Starting up and setting the temperature

Fig. 11

Push the plug on the connecting lead into a socket protected by a fuse.

The knob for setting the temperature is inside the refrigerator, on the right.

Setting "0" = Off

Turning the knob in the direction of "1" (clockwise) = refrigerator unit comes on and then works automatically.

Setting "1" = highest, warmest internal temperature.

Setting "6" (the furthest it will go) = lowest, coldest internal temperature.

If the ambient temperature is lower than about 10 to 16°C, select setting "1" to "2". If it is around 25°C, select setting "3" to "4". Select "5" or "6" if you need an even lower temperature.

A high room temperature (25°C to 32°C) combined with one of the colder settings on the temperature regulator can lead to the refrigerating unit running continuously, which can then mean that the condenser behind the rear wall of the refrigerator no longer defrosts automatically. If so, turn the temperature regulator back to "3" or "4" so that the refrigerator unit can regulate itself and the defrosting cycle can start automatically.

The ambient temperature, loading, and frequent door opening affect the internal temperature. When the setting is changed, the refrigerating unit does not start immediately if defrosting is in progress at that moment.

Correct storage

Fig.12

- ① = Butter, cheese
- ② = Eggs, mustard and tomato sauce etc. in tubes, preserves
- ③ = Drinks
- ④ = Cheese in store, fruit, and vegetables
- ⑤ = Meat, sausage, cold meats, dairy products
- ⑥ = Ready meals, cakes and tarts, preserves

For safety reasons (such as the risk of an explosion!) it is not allowed to store containers holding inflammable liquids or gases, e.g. aerosol cans or cigarette-lighter refill cartridges, in the appliance.

Adjusting the heights of the storage shelves and wire trays

Various glass or plastic storage shelves and wire storage trays are included with your appliance - different models have different combinations.

You should always place a glass or plastic shelf into the first set of guides, above the fruit and vegetable containers, and keep it in this position.

In order to arrange the internal space to suit your individual requirements, you can adjust the heights of the other shelves and wire trays to a number of different positions to accommodate stored goods of various sizes. To do this, pull the shelf or tray slightly forwards until it can be tilted upwards or downwards and taken out. To fit it at a different level, reverse the procedure.

VARIO glass storage shelf *)

If, for instance, you intend to store bottles, cans, or jars in an upright position, please push the front half of the VARIO storage shelf underneath the rear half. This will provide space for tall items to be stored on the next shelf below it.

*) not supplied with all models.

Care and cleaning

Your refrigerator should be cleaned at regular intervals. This is best done when it is empty or nearly empty. It must never be connected to the mains supply during cleaning - pull out the mains plug or remove the fuse.

For safety reasons, the refrigerator must never be cleaned with a steam-cleaner; moisture could penetrate into the electrical components and hot steam could cause damage to the plastic parts.

Make sure the drain opening of the gutter (**Fig. 13**) on the rear wall is always clear. If it should be choked, it should be cleaned with the aid of a wire. Certain organic solvents as well as essential oils, such as the juice from orange or lemon peel and butyric acid, attack plastic parts. Do not forget that, even in the refrigerator, food may spoil if stored for too long a time. To prevent any odours from forming, the contents should therefore be checked from time to time (including accessories) and thoroughly cleaned with lukewarm water to which a mild, non-abrasive detergent can be added. Finally, wash with clean water and wipe dry. After cleaning the refrigerator compartment, reconnect the appliance to the power supply straight away and start the refrigerator in operation again.

Switching the appliance off

If your refrigerator is to remain unused for any length of time, it must be disconnected from the mains (unplugged) and the frozen and refrigerated food taken out. The interior should be cleaned carefully and the door left open, to prevent any odours from forming.

Faults and servicing

In order to keep your appliance in perfectly safe condition, you should arrange for repairs, particularly to the "live" parts, to be carried out only by qualified electricians.

In the event of a break-down you should therefore contact your electrical dealer or our Customer Service Centre.

Before calling the Service Centre, please check whether there is power in the mains socket (e.g. by plugging a lamp in). Your local electrician will repair any defects in the mains supply.

If the defect lies in the appliance, please inform the nearest Service Centre. In order to avoid unnecessary travel or expense, please state:

- Model description
- E-number
- F-number of your appliance.

You will find these data on the rating plate on the left inside your appliance. We recommend that you enter them here:

- Model description
- E-number
- F-number

Please note: We have to make a charge if our Customer Service technician is called in for no adequate reason, even if the guarantee has not yet expired.

Minor repairs you can carry out yourself

Interior light

Fig. 14

If the bulb has stopped working you can replace it quite easily.

1. Before removing the bulb, pull the plug out or remove the fuse.
2. Unscrew the screw holding the bulb cover.
3. Press the bulb cover as shown in **Fig. 14**, and press it towards the rear.
4. Unscrew the defective bulb and replace it with a new one of the same type: 240 V, 15 W (and never insert a bulb with more power than 15 W!).
5. Re-insert the bulb cover and screw the holding screw in again.
6. Start the appliance up again.

Spare parts

Spare parts can be ordered from the service centre. You can fit these yourself without any special skill or training, e.g. such interior fittings as:

- butter/cheese compartment
- egg-racks
- holders in the door
- fruit and vegetable containers
- shelves.

Hints on correct use

Store your food, depending on the type and degree of sensitivity, in the appropriate temperature zones. This will enable you to achieve an optimum storage duration (see: "Correct storage"). Ensure the food is packed or wrapped well if it is to be stored in your refrigerator to ensure that aroma, colour, moisture, and freshness are retained.

Clean the interior regularly. This ensures that your food is hygienically stored and avoids unwanted odours.

Keep an eye on the length of storage of deep-frozen food in the freezer compartment in order to avoid any loss of quality.

Never place hot food in your refrigerator for cooling.

Hints on saving energy

- Do not install your refrigerator close to a radiator or an oven, or in direct sunlight, because a high ambient temperature will cause the temperature regulator to switch the refrigerating unit on more frequently and for longer.
- Never put any hot food into the refrigerator; allow it to cool to room temperature first.
- Only open the door as infrequently as necessary, and close it again as quickly as possible.
- Set the temperature which uses the least energy (see: "Starting up and setting the temperature").
- Ensure the appliance is properly ventilated.
- Keep the heat-dispensing liquefier clean (otherwise called a heat-exchanger - the metal grid on the back wall of your appliance). Give it a thorough clean-up at least once a year.

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