Congratulations on your purchase. In choosing this appliance you have opted for all the benefits of state-of-the-art refrigeration technology which will guarantee you a top quality product with a lengthy, reliable operating life.

The equipment in your appliance will provide you with optimum operating comfort every day. This appliance is manufactured in environmentally-friendly processes using recyclable materials. This enables you and us to both play an active role in preserving our environment.

In order to get to know all the benefits of your new appliance, please read the information in the operating instructions through carefully. We wish you much pleasure with your new appliance.

Keep the operating instructions in a safe place and pass them on to the next owner of your appliance where applicable.

The operating instructions apply to several models. Differences may therefore occur.

Operating and control elements

fig. B
1 On/off and temperature control
   We recommend a medium setting.
2 Door switch for interior light
3 Temperature display*
4 Supercooling button*
5 Supercooling lamp* showing active function

Description of appliance and equipment

fig. A
Butter and cheese dish*
Egg tray*
Adjustable shelf dividers*
Pull-out shelves
Temperature control and interior light
Type/Data plate
Pull-out shelf for raw and cold meats
Bottle compartment
Pull-out drawer with tray insert for vegetables and bottles
Ventilation grille
Adjustable-height feet

* Depending on model and options

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1 Safety instructions and warnings

Before reading, please fold out and refer to the illustrated front page.

Disposal notes
The packaging is designed to protect the appliance and individual components during transport and is made of recyclable materials.
- Corrugated board/board
- Moulded polystyrene (foamed, CFC-free polystyrene)
- Polythene bags and sheets
- Polypropylene straps

Keep packaging materials away from children - polythene sheets and bags can suffocate!

Please return the packaging material to your nearest official collection point so that the various materials can be reused or recycled as far as possible.

Your old appliance:
This contains some reusable materials and should not simply be disposed of with household or bulk refuse.

Disable discarded appliances immediately by removing the plug and cutting through the connection cable.

Undo the screws of the bottom drawer as illustrated in fig. C and remove the drawer.

Remove the spring-action or bolt catch from the appliance or render it unusable so that children cannot become trapped inside and suffocate.

Ensure that the refrigerant circuit is not damaged before the appliance that is no longer needed is taken away for disposal. In this way the refrigerant or oil will not escape into the environment.
- Exact details of the refrigerant used can be found on the type plate. The heat insulator is PU with Pentane.
- Information on collection dates or collection points can be obtained from the waste disposal authorities or local council.

Technical safety

- To prevent injury or damage to the unit, the appliance should only be transported wrapped and set up by two people.
- The refrigerant R 600a is environmentally friendly but flammable.
- Do not damage the refrigerant circuit pipes. Splashes of refrigerant can harm your eyes or ignite.
- If refrigerant escapes, remove all naked flames or sources of ignition in the vicinity of the leak, disconnect the appliance from the mains and ventilate the area well.
- In the event that the appliance is damaged, contact the supplier immediately before connecting to the mains.
- To guarantee safe operation, ensure that the appliance is set up and connected as described in these operating instructions.
- Disconnect the appliance from the mains if any fault occurs. Pull out the plug (not by pulling on the mains cable) or switch off or remove the fuse.
- Any repairs and work on the appliance should only be carried out by the customer service department, as unauthorised work could prove highly dangerous for the user. The same applies to changing the mains power cable.

Safety during use

- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. Electrical components might cause leaking gas to ignite. You can identify such sprays by the printed contents or a flame symbol.
- Only store high-percentage alcohol in tightly sealed, upright containers.
- Do not allow naked flames or ignition sources to enter the appliance.
- Do not use electrical appliances inside the appliance (e.g. steam cleaners, heaters, ice makers, etc.).
- Do not stand on the plinth, drawers or doors or use them to support anything else.
- Do not let children play with the appliance, e.g. do not allow them to sit in the drawers or swing on the door.
- Do not consume food which has been stored for too long, as it could cause food poisoning.

Installation and ventilation information

- Do not install in an area which attracts direct sunlight, adjacent to an oven, heating or similar.
- Do not block the ventilation areas. Always ensure that the appliance is properly ventilated.

Refer to the appendix in the installation instructions.

- Standard EN 378 specifies that the room in which you install your appliance must have a volume of $1 \text{ m}^3$ per 8 g of R 600a refrigerant used in the appliance, so as to avoid the formation of inflammable gas/air mixtures in the room where the appliance is located in the event of a leak in the refrigerant circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of the appliance.

Connecting to the mains

Power supply (AC) and voltage

at the operating point must comply with the details on the type plate. The type plate is located on the inside left of the appliance.

Connect the appliance with a properly earthed fused plug and socket only.

- The socket must be fused with a 10 A fuse or higher, it must be away from the rear of the appliance and must be easily accessible.
- Do not connect to stand-alone inverters,
- operate with so-called energy-saving plugs - this can damage the electronic system, connect to the supply with other equipment using an extension cable - risk of overheating.
- When removing the mains cable from the back of the appliance, remove the cable holder so as to avoid vibration noise.

The wires in the mains lead are coloured in accordance with the following code: green/yellow = earth, blue = neutral, brown = live.

Warning! This appliance must be earthed.

Non-rewireable plugs BS 1363

If this machine or appliance is fitted with a non-rewireable plug, the following information applies: If the socket outlets are not suitable for the plug supplied with this product, it must be cut off and an appropriate plug fitted. The plug cut from the flexible cord should be disposed of and on no account be inserted into a 13 A socket elsewhere in the house (electric shock hazard).

The fuse cover must be re-fitted when changing the fuse, and if the fuse cover is lost the plug must not be used until a suitable replacement is obtained. The colour of the correct replacement cover is that of the coloured insert in the base of the plug, or the colour that is embossed in words on the base of the plug (as applicable to the design of the plug fitted). The correct rating of the replacement fuses that are ASTA approved to BS 1362 should be fitted. Replacement fuse covers may be purchased from your local electrical suppliers, electricity showroom or approved service agent.
2 Operation

You are advised to clean the appliance before switching it on for the first time (see “Cleaning”).

Switching the appliance on and off

- Fig. B: Turn temperature control 1 by turning clockwise from “0” to “1”.
  - The interior light switches on.
  - The number 8 will flash briefly in the display* 3, then one segment will light up. The refrigerator compartment temperature will not be displayed until the appliance has been switched on for a while.

- To switch off: Turn the temperature control 1 to “0” - the interior light and display* will switch off.

Setting the temperature

- Fig. B: Turn the temperature control 1. The positions indicate the following:
  - Setting “1” = warm, lowest cooling setting
  - Setting “7” = cold, highest cooling setting

- We recommend a medium setting.

Note: Please bear in mind that the temperature inside the refrigerator depends on how often the door is opened, how full the refrigerator is and the temperature in the room in which it is installed. Adjust the control as necessary to obtain the required temperature.

The temperature display*, fig. B/3, shows the average refrigerator temperature.

- When starting up for the first time or when the appliance is warm, a dash will appear until the temperature reaches a level that can be displayed (between 0 and 9°C).
- Because of the natural circulation of the air, it is colder just above the bottom glass shelf and warmer in the top part of the refrigerator; this should be taken into account if comparative measurements are taken.

Supercooling*

Fig. B/4: The Supercooling button switches the refrigerator compartment to maximum cooling. This is recommended particularly if you wish to cool large quantities of fresh food or drinks as fast as possible. The refrigeration temperature drops to the level of the coldest temperature control setting.

- Switching on/off: Press the Supercooling button 4 briefly so that the control lamp 5 comes on (dark = off).

Note: The Supercooling function uses more energy. After approx. 6 hours, however, the electronic system automatically switches back to normal energy-saving operation.

3 Cooling

As a result of the natural circulation of the air in normal operation, the temperature in the refrigerator compartment is not uniform. This can have advantages for storing different types of food. Just above the vegetable bin and at the back of the refrigerator, the air is colder, ideal for raw meat or cold meats. At the top front of the compartment, the air is warmer, making it ideal for cheese and for spreadable butter. For this reason food should be stored as shown in the "Example of food arrangement". Ensure that the food is not packed too closely together so that the air can circulate freely.

Example of food arrangement (fig. A)

1. butter, cheese, eggs, preserves, jam
2. dairy products, pre-cooked meals
3. raw meat, fish, cold meats
4. fruit, vegetables, salad
5. drinks, bottles

Notes

- Food which gives off or absorbs odours and flavours, and liquids should always be stored covered or in closed containers. High-percentage alcoholic drinks should be tightly sealed and stored upright.
- Reusable plastic, metal, aluminium and glass containers can be used for wrapping.
- Always store food which gives off or is sensitive to ethylene gases such as fruit, vegetables and salads separately or wrapped in order not to affect their storage life; e.g. do not store tomatoes together with kiwis or cabbage.
- Always allow hot food and drinks to cool to room temperature before placing in the appliance.

Adjustment of shelf dividers

The shelf dividers can be adjusted to accommodate items of different sizes. To remove, hold the divider, press it gently to the rear and disengage. To replace, position the divider carefully and push in until it engages.
4  Defrosting and cleaning

Notes on defrosting
The appliance defrosts automatically. The water that forms on the rear wall drains into an evaporation container in the plinth and evaporates automatically through the compressor heat. Droplets of water on the rear wall are completely normal. Ensure that the water can flow freely through the drain hole in the bottom of the refrigerator compartment.

Cleaning
Always disable the appliance for cleaning. Disconnect from the mains or unscrew or switch off the fuse.

- Clean the appliance regularly.
- Clean the inside and equipment by hand with lukewarm water and a little detergent. Because of the risk of injury and damage to the appliance, steam cleaning equipment should not be used. Never use abrasive or acid cleaners or chemical solvents. We recommend using an all-purpose cleaner with a neutral pH value.
- The butter dish* can be washed in a dishwasher. The shelves and other parts should be washed by hand as they are not dishwasher proof.
- Clean the drain hole in the bottom of the refrigerator compartment frequently.
  If necessary, clean with a thin object, e.g. cotton swab or similar (fig. C).
- Clean the ventilation grille regularly with a brush or vacuum cleaner. Dust deposits increase the energy consumption.
- Ensure that no cleaning water is allowed to run into the drain gulley or penetrate into the electrical components or ventilation grille.

The shelves can be removed for cleaning:
- Press the shelf dividers gently to the rear to remove. Proceed in reverse order to replace.
- The large pull-out shelves can be removed by lifting at the front and pulling out. To replace the shelf, position it at the back and then lower it at the front.
- The small pull-out shelf above the vegetable bin is removed by raising the left-hand side and then lifting out. To replace it, position the right side first and then lower the left side.
- The bottom drawer can also be removed if necessary. Prise off the 4 cover caps with the blade of a knife, slacken the 4 screws (fig. C) and lift the drawer out. Proceed in reverse order to replace.

If the appliance is to be left out of operation for any length of time, empty it, disconnect from the mains or set the temperature control to "0", clean as described above and leave the door open in order to avoid unpleasant smells.

5  Interior light

Interior light
Figs. E1/2: If the interior light does not work, the bulb may be defective.

Changing the bulb:
- Bulb data: max. 15 W, voltage and current should agree with the details on the type plate, bulb fitting: E 14.
- Switch off the appliance.
  Pull out the plug or switch off/unscrew the fuse.
- Fig. E1: Reach inside the lamp cover 1, press upwards at the front and remove cover to the side 2.
- Fig. E2: Replace the bulb 3.
- Replace the cover and click into position.

Notes on energy-saving
- Protect the appliance from direct sunlight as the energy consumption will increase unnecessarily if the ambient temperature is too high.
- Ensure that the ventilation spaces are free.
- Avoid opening the door unnecessarily for long periods of time.
- Store food logically. Do not exceed the storage periods given.
- Keep all food properly wrapped and covered; this avoids condensation.
- Allow hot food to cool to room temperature before storing it in the appliance.
- The appliance operates more economically if it is properly filled.
6 Malfuinctions

Your appliance is designed and manufactured for a lengthy, reliable operating life. If a malfunction nonetheless occurs during operation, check whether it is due to an operating error. Please note that during the warranty period the resultant servicing costs in this case will have to be borne by the owner.

You may be able to rectify the following faults by checking the possible causes yourself:

- Appliance is not working:
  - Is the appliance switched on properly?
  - Is the plug correctly fitted in the socket?
  - Is the socket fuse intact?
- The interior light does not work:
  - The temperature control is set to "0".
  - The bulb is defective. Replace the bulb as described in "Interior light".
- Loud running noise:
  - Is the appliance standing firmly on the floor, or does the compressor cause nearby items of furniture or objects to vibrate?
  - If necessary, move bottles and containers apart.
  - Burbling noises are normal. These are caused by the refrigerant flowing round the refrigerant circuit.
  - A short clicking sound: This will be heard whenever the refrigeration unit (the motor) switches on or off automatically.
  - Motor noise: This will be slightly louder for a brief period when the refrigeration unit switches on.
- The refrigeration temperature is not low enough:
  - Is the temperature set properly? If necessary, set at a lower temperature.
  - The separately inserted thermometer shows the wrong reading.
  - Is the appliance closed properly, or has it been opened too frequently?
  - Is the ventilation system working properly? Is the ventilation grille covered up?
  - Has the appliance been set up too close to a heat source?

Customer service and type plate

If none of the above causes apply and you cannot rectify the fault yourself, please contact your nearest customer service department (see enclosed list for addresses). State the type designation (1), service number (2) and appliance number (3), fig. D, so as to ensure rapid, accurate servicing. The type plate is located inside the appliance on the left-hand side.

Installation instructions

Before reading, please fold out and refer to the illustrated back page.

General information

- The appliance is designed for refrigerating food. It is designed for household use. If used for commercial purposes, the relevant legal regulations applicable to the trade concerned must be observed.
- This appliance is set to operate within specific ambient temperature limits according to its own specified climate rating. These temperature limits should not be exceeded. The correct climate rating for your appliance is indicated on the type plate. This is explained as follows:
  Climate rating | Set for ambient temperatures of
  --------------|-------------------
  SN | +10°C to +32°C
  N | +16°C to +32°C
  ST | +18°C to +38°C
  T | +18°C to +43°C
- The refrigerant circuit has been checked for leaks.
- When installed, this appliance corresponds to the relevant safety provisions and EC directives 73/23/EEC and 89/336/EEC.

Installation information

The appliance is designed for integrated use in a row of base units.
- Do not install the appliance near a cooker, radiator or other source of heat.
- Ventilation and air extraction takes place via the plinth.

NB:
- There must not be any openings in the surrounding units. Close the recess with a rear wall of a unit or make sure the side wall and the worktop are flush with the kitchen wall (only leave a small opening to allow the cable and the plug through). This helps to avoid leaking current, which is important so as to ensure that the refrigeration unit and the appliance work properly.
- Check the installation dimensions according to fig. A.
  - Installation height, plinth height and depth can be varied.

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<td>870 mm recess</td>
<td>100 - 170 mm (at least 120 mm for appliances in climate rating ST and T*), variable depending on height of unit door</td>
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<tr>
<td>920 mm recess</td>
<td>150 - 220 mm, variable depending on height of adjustable feet and unit door</td>
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The plinth depth can be varied from 22 to 77 mm.
Installation instructions

Door assembly and attachment

Adjusting appliance door, fig. B
(only if necessary, otherwise see further instructions)
- Slacken screws 1 right and left but do not remove.
- Adjust door angle with set screw 2 and height with set screw 3.
- Fasten appliance door with screws 1.

Fitting the housing unit door, figs. C/D
- Screw attachment bracket 4 to housing unit door with supplied screws as shown in fig. C.
A distance 6 of 5 mm should be allowed between the lower edge of the worktop and the upper edge of the housing unit X.
Use a Pozidriv screwdriver for Phillips screws.
- Attach the small attachment bracket 7 to the bottom of the appliance door, fig. D.
- Screw the two adjustment bolts 5 into the appliance door as far as they will go, fig. D.
- Attach housing unit door to appliance door by passing the adjustment bolts through the long slots in the attachment plate and turning as shown in detail fig. D1.

Installation
- Run the mains cable so that it can be connected easily to the mains once the appliance has been installed.
- For 870 mm installation height: The height can be changed if necessary by adjusting the feet using a 30 mm open-ended spanner or size 2 screwdriver as shown in fig. D2.
With the feet unscrewed, place appliance on the slide rails 8, fig. D, and push into the recess. Align appliance horizontally.
- For 920 mm installation height: Unscrew feet approx. 50 mm. Place appliance on slide rails 8, fig. D, and push into the recess. Align appliance horizontally.
- Push appliance into recess until the housing unit door is flush with the front of the adjacent units, adjusting the feet if necessary.
- Attach appliance provisionally to worktop through the middle of the long slots in the attachment plate 9.

Adjusting plinth depth, figs. E/F
- Remove housing unit door again.
- Holding the plinth by the ventilation grille, align it with adjacent units. In the case of continuous plinth panels, place the ventilation grille against the plinth panel.
Cut out an opening in the continuous plinth panel for ventilation as shown in fig. E and attach. Do not cover ventilation slots!
- If the installed height of the appliance is 820 mm, then the depth of the continuous plinth panel needs to be only 60 +1 mm (measured from the floor).
- If the installed height of the appliance is 870 mm, then the depth of the continuous plinth panel needs to be only 110 +1 mm.
- Fasten plinth with screws 9 by turning them clockwise until a noticeable resistance is felt, fig. F.
- To change the plinth depth, slacken screws 8 to 10 turns in anti-clockwise direction.

Adjusting the housing unit door, fig. G
- Hang housing unit door onto appliance door and screw on upper counternuts 6 loosely.
- Adjust height Y with bolts 5 (use 13 mm open-ended spanner).
- Align laterally X through long slots in attachment bracket 4.
- Fasten with counternuts 6.
- Firmly attach lower attachment bracket 7 with screws 7 to aligned housing unit door.
- Fit cover caps 8 onto counternuts.

Attaching the appliance, fig. G
- Once it has been aligned, attach the appliance to the worktop through the round holes in the attachment plate 9.
- To connect sectioned unit fronts, screw the appliance door onto the large section of the housing unit by lifting magnetic door seal, fitting 4 x 35 retaining screw 9 through appliance door in the centre marking and attaching appliance door to aligned unit front.