

# **Freestanding Tall Fridge**

## **User Guide**

&

### **Installation & Service Instructions**

Due to our policy of continual improvement, we reserve the right to change specifications without prior notice.

# **RANGEmaster**

**RFSFR60BL/C - RFSFR60DI/C - RFSFR60IV/C - RFSFR60SS/C**

**U111056-03**

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# 1. Before You Start

| Icon                                                                              | Type                   | Meaning                        |
|-----------------------------------------------------------------------------------|------------------------|--------------------------------|
|  | WARNING                | Serious injury or death risk   |
|  | RISK OF ELECTRIC SHOCK | Dangerous voltage risk         |
|  | FIRE                   | Fire risk                      |
|  | CAUTION                | Injury or property damage risk |
|  | IMPORTANT              | Operating the system correctly |

Thank you for buying this appliance. We hope that it provides a stylish yet practical solution to your cooling needs. We hope that this handbook supplies you with all the information you require. If there is anything you are unsure of please contact us (see 'Warranty' section for Customer Care's details).

-  **WARNING: This appliance must be earthed.**
-  **Please leave the appliance to stand for at least six hours. This will allow the cooling system to settle following transportation.**
-  **Always make sure a qualified person installs this appliance.**
-  **This appliance is designed for domestic use only. Using it for any other purpose could invalidate any warranty or liability claim.**
-  **Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances. Children are not expected to perform cleaning or user maintenance of the appliance, very young children (0-3 years old) are not expected to use appliances, young children (3-8 years old) are not expected to use appliances safely unless continuous supervision is given, older children (8-14 years old) and vulnerable people can use appliances safely after they have been given appropriate supervision or instruction concerning use of the appliance. Very vulnerable people are not expected to use appliances safely unless continuous supervision is given.**
- Before you plug the appliance into the mains, clean the inside of the appliance using warm water and bicarbonate of soda, then dry thoroughly.
- Check that no parts of the appliance are damaged, especially parts of the cooling system, pipes or leads. If damage has occurred, **DO NOT** install the appliance; you should contact a qualified service engineer or return the appliance to its place of purchase.
- If the accessories inside the appliance have been disturbed during transit, reposition them in accordance with the instructions.

- Make sure that the electrical supply to your plug socket is correct for this appliance – the required information is on the data badge of the appliance.
- Once the appliance is installed, cleaned and dry, it is ready to be plugged in and switched on.

## Safety

-  **The data badge is located inside the appliance (refrigeration compartment).**
-  **WARNING: Use potable (drinking) water with this appliance.**
-  **WARNING: Keep this appliance clear of any obstruction.**
-  **DO NOT damage the refrigerant circuit. If it does become damaged, do not use the appliance.**
-  **WARNING: DO NOT use mechanical devices (such as hairdryers) to defrost this appliance.**
-  **If your appliance uses R600a as a refrigerant (this information will be provided on the label of the cooler) you should take care during transportation and installation to prevent the cooler elements from being damaged. R600a is an environmentally friendly and natural gas, but it is explosive. In the event of a leak due to damage of the cooler elements, move your appliance away from open flames or heat sources and ventilate the room where the appliance is located for a few minutes.**
- When replacing old appliances, make sure that you have disabled any locking mechanisms before disposal – it may even be best to remove the appliance door completely to prevent children from becoming trapped inside the appliance.
- The appliance must be connected to the power supply safely. Loose connections, broken plugs and bare wires are a safety hazard. Make sure that all connections are sound.
- Before undertaking any routine maintenance or minor repairs, disconnect the appliance from the electrical supply.
- **DO NOT** touch cold surfaces of the appliance while it is in use as this will cause hands to stick to them leading to freezer burns.
- When moving the appliance take care not to damage the leads, pipes or condenser unit. Should these parts become damaged, contact a qualified service engineer.
- **Effervescent liquids (fizzy drinks) should never be frozen. These liquids expand during freezing and this may lead to the bottles/containers shattering or exploding.**

- Foods that are intended to be defrosted or cooked first, such as breads or meats, must not be eaten in their frozen state.
- If food looks or smells strange, do not attempt to eat it. If in doubt throw it away. Spoiled food can be harmful to your health.
- Never use sharp, metal implements to scrape ice off the surface of this appliance. Only use implements, which are fit for this purpose (such as plastic scrapers) and use carefully to avoid damaging the lining of the appliance.
- The cooling system contains refrigerant and oils, all of which are harmful to health if leaked. Should leakage occur, disconnect the appliance and ventilate the room it is installed in. Take care to ensure that you do not get any coolant near to, or in, your eyes. Contact a service engineer or arrange to have the appliance removed. DO NOT use the appliance under any circumstances.

 **WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.**

 **WARNING: DO NOT use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.**

 **WARNING: DO NOT use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.**

 **WARNING: DO NOT damage the refrigerant circuit.**

 **WARNING: In order to avoid any hazards resulting from the instability of the appliance, it must be fixed in accordance with the following instructions: If your appliance uses R600a as a refrigerant (this information will be provided on the label of the cooler) you should take care during transportation and installation to prevent the cooler elements from being damaged. R600a is an environmentally friendly and natural gas, but it is explosive. In the event of a leak due to damage of the cooler elements, move your appliance away from open flames or heat sources and ventilate the room where the appliance is located for a few minutes.**

While carrying and positioning the appliance, do not damage the cooler gas circuit.

**DO NOT** store explosive substances such as aerosol cans with a flammable propellant in this appliance.

This appliance is intended to be used in household and domestic applications only.

If the socket does not match the appliance plug, it must be replaced by the manufacturer, a service agent or similarly qualified persons in order to avoid a hazard.

A specially grounded plug has been connected to the power cable of your appliance. This plug should be used with a specially grounded socket of 13 amperes. If there is no

such socket in your house, please have one installed by an authorised electrician.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

If the supply cord is damaged, it must be replaced by the manufacturer, an authorised service agent or similar qualified persons, in order to avoid a hazard.

This appliance is not intended for use at altitudes exceeding 2000 m.

## Electrical Safety

 **WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.**

 **WARNING: DO NOT locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.**

 **DO NOT use plug adapter.**

 **WARNING; Risk of fire / flammable materials**

- The plug must be accessible after installation.
- The operating voltage for your appliance is 220-240 V at 50Hz.
- Connections to the mains supply should be in accordance with local regulations.
- Insert the plug into a socket with an efficient ground connection. If the socket has no ground contact or the plug does not match, we recommend you consult a qualified electrician for assistance.
- The appliance must be connected with a properly installed fused socket. The power supply (AC) and voltage at the operating point must match with the details on the name plate of the appliance (the name plate is located on the inside left of the appliance).
- The appliance must be plugged into an earthed socket.
- The plug **MUST** be accessible after the appliance has been positioned.
- The appliance is supplied with a standard three-pin plug, of which the one for grounding should never be removed.
- Hold the plug, not the electrical cable, when unplugging the appliance.
- Make sure that the appliance does not trap the electric cable.
- **DO NOT** step on the cable.

- Avoid damage to the electric cable when moving the appliance.

## CE Declaration of conformity

- We declare that our products meet the applicable European Directives, Decisions and Regulations and the requirements listed in the standards referenced.

## Disposal of your old appliance



The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you

will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

## Packaging and the Environment



Packaging materials protect your machine from damage that may occur during transportation. The packaging materials are environmentally friendly as they are recyclable. The use of recycled material reduces raw material consumption and therefore decreases waste production.

### Notes:

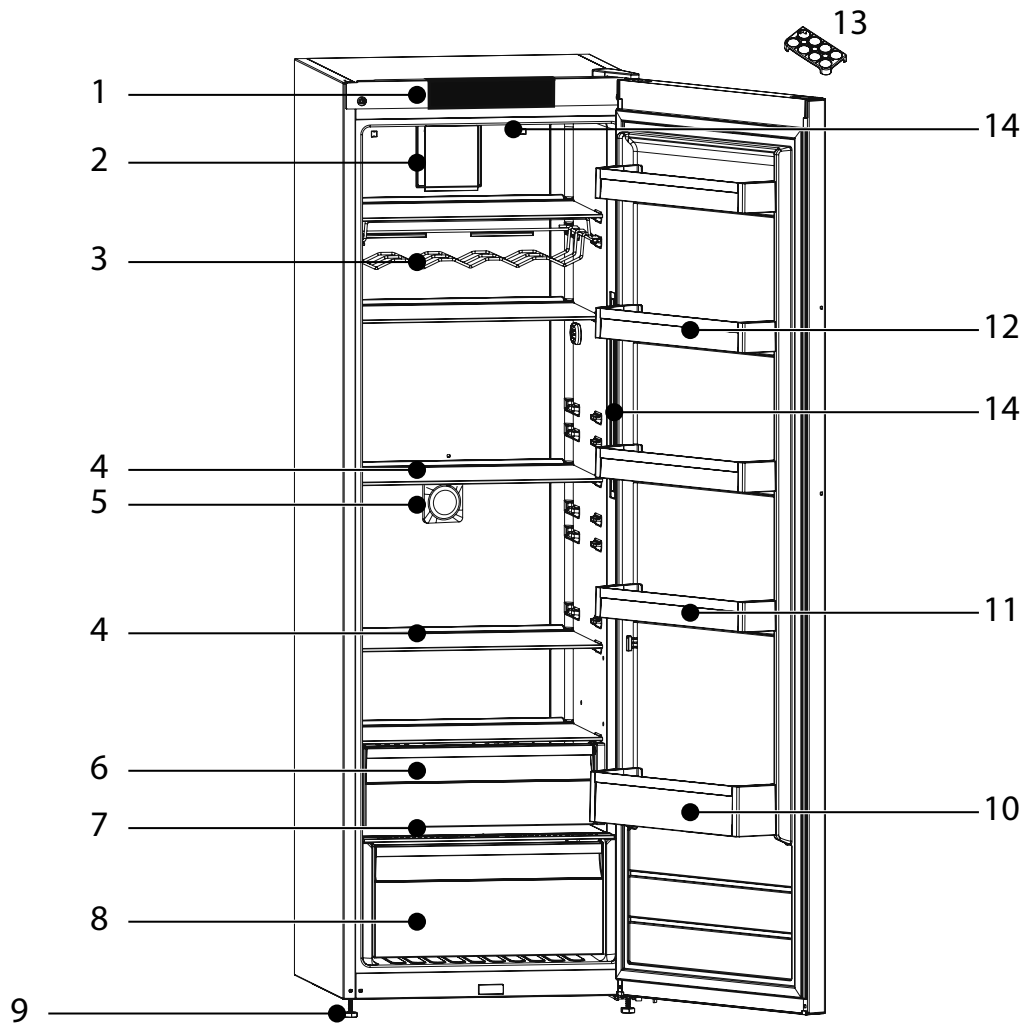
- Please read the instruction manual carefully before installing and using your appliance. We are not responsible for the damage occurred due to misuse.
- Follow all instructions on your appliance and instruction manual, and keep this manual in a safe place to resolve the problems that may occur in the future.
- This appliance is produced to be used in homes and it can only be used in domestic environments and for the specified purposes. It is not suitable for commercial or common use. Such use will cause the guarantee of the appliance to be cancelled and our company will not be responsible for the losses to be occurred.
- This appliance is produced to be used in houses and it is only suitable for cooling / storing foods. It is not suitable for commercial or common use and/or for storing substances except for food. Our company is not responsible for the losses to be occurred in the contrary case.

## To avoid contamination of food, please respect the following instructions:

- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
- Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice cream and making ice cubes.
- One-, two- and three-star compartments are not suitable for the freezing of fresh food.
- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

## 2. About Your Refrigerator

Fig. 2.1

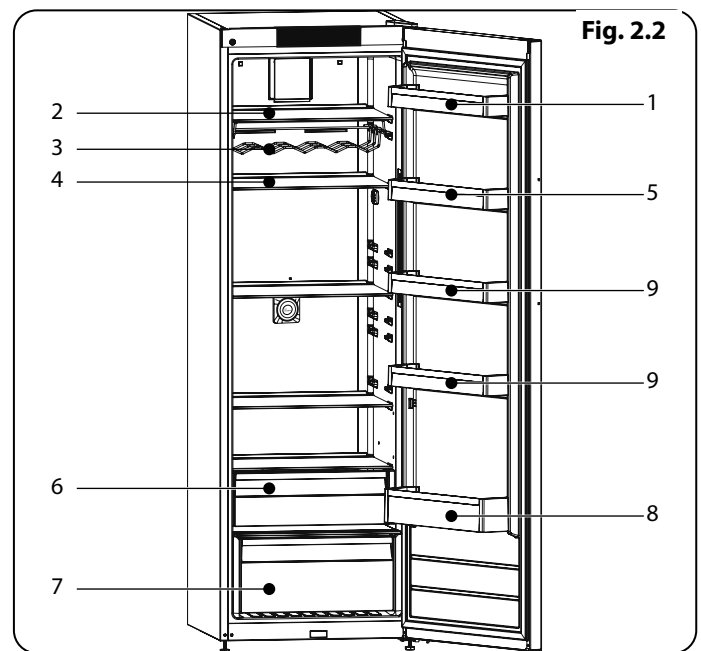


1. Control panel
2. Even-circ™
3. Wine rack (*Bottle shelf*)
4. Refrigerator shelves
5. Ionizer™
6. Chiller shelf
7. Crisper cover
8. Crisper
9. Levelling feet
10. Bottle shelf
11. Opti-lift™
12. Door shelves
13. Egg holder
14. LED lighting (*Top and sides*)

## About the Fresh Food Compartment

It is recommended to leave storage space between the foods for good cold air circulation. The temperatures in the refrigerator are slightly warmer near the top and colder near the base. Suggestions for storage (**Fig. 2.2**):

1. Eggs, butter, cheese, etc.
2. Cooked meats, sausage, etc.
3. Bottled drinks
4. Meat, poultry, fish and raw foods.
5. Drinks and all kinds of bottled foods.
6. Pickled foods, drinks or cans.
7. Fruits, vegetables or salads.
8. Flour foods, cans, dairy, etc.
9. Tins, cans, condiments, etc.



## Even-circ<sup>TM</sup> (Fig. 2.3)

Even-circ™, prevents fresh food losing moisture. This technology ensures that air circulates evenly throughout the fridge compartment, this helps prevent food from drying out.

Fresh food then maintains its texture and taste of food by preventing any humidity loss.

**DO NOT** block the air inlet and outlet openings when storing food, otherwise air circulation provided by the turbo fan will be impaired.

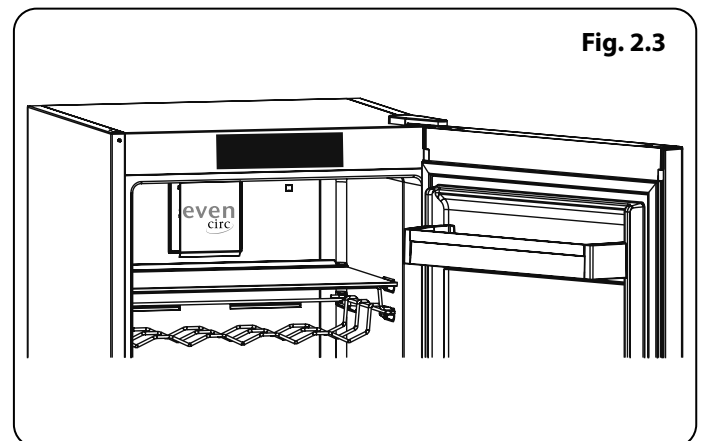
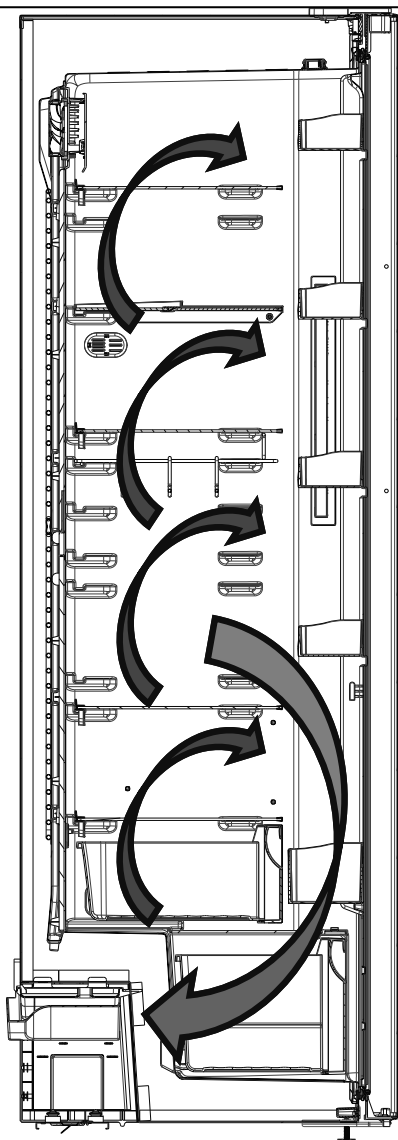


Fig. 2.6



## Using the appliance

### Information on No-Frost Technology (Fig. 2.6)

No-Frost refrigerators have a different operating system to static refrigerators. In normal (static) fridges, the humidity entering the fridge due to opening the door and the humidity inherent in the food causes ice to form in the freezer compartment.

To remove the frost and ice from the refrigerator, it is required to periodically switch the fridge off and place food in a separate cooled container.

The situation is completely different in No-Frost fridges. A built-in fan blows dry and cold air evenly into the refrigerator compartments. The cold air disperses uniformly between the shelves, ensuring all your food is cooled evenly, thus preventing humidity and icing to occur.

Therefore, your No-Frost fridge allows ease of use, in addition to its huge capacity and stylish appearance.

### Ionizer™ / Range Fresh™

Ethylene gas is emitted by some fruits and vegetables and causes the fresh groceries to start ripening. When this gas is produced in an enclosed environment, it is re-absorbed by the fruit and vegetables and further accelerates the aging process.

This fridge freezer provides two different solutions to this naturally occurring problem:

#### Ionizer™ (Fig. 2.4)

Ionizer spreads negative ions which neutralize particles of unpleasant smell and dust in the air.

By removing these particles from the air in the refrigerator, Ionizer improves air quality and eliminates odours.

#### Range Fresh™ (Fig. 2.5)

Range Fresh Preserver helps to remove ethylene gas (a bioproduct released naturally from fresh foods) and unpleasant odors from the crisper.

It must be regenerated once a year under a full day sunlight for 24 hours, for example on a window sill.

To regenerate the filter, remove the casing of the filter box by pulling it in the direction of the arrow (Fig. 2.5).

The filter should not be washed with water or in any detergent.

Fig. 2.4

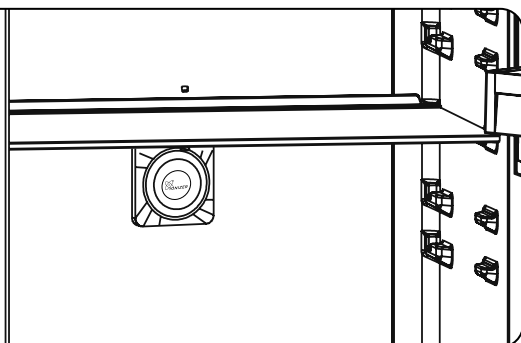
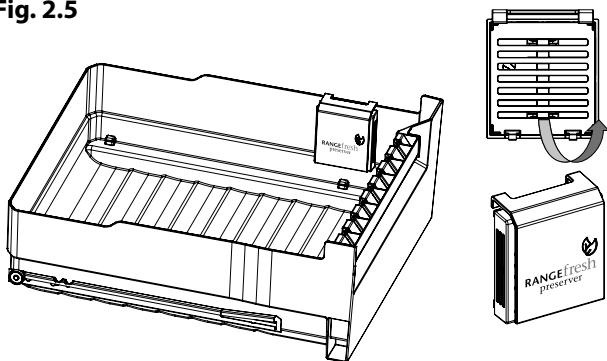


Fig. 2.5



## Accessories

### Compartment Chiller (Fig. 2.7)

This compartment can be used as a chiller compartment, where food can be kept at 0°C. Frozen food can be kept in this compartment to defrost. Meat and/or clean fish (in plastic bags or packets), which will be consumed within 1 to 2 days, can also be stored here.

**⚠ Water freezes at 0°C, but food containing salt or sugar freezes at colder temperatures.**

**⚠ Do not put food to be frozen or iceboxes in this compartment.**

### Crisper Air Setting Switch (Fig. 2.8)

Turn the air adjustment knob between the crisper and chiller to the open position when the crisper is full. Food in the crisper will remain fresh for a longer period of time.

### Opti-lift™(Fig. 2.9)

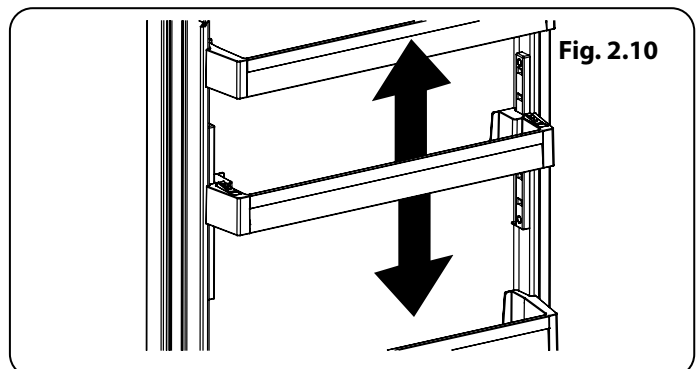
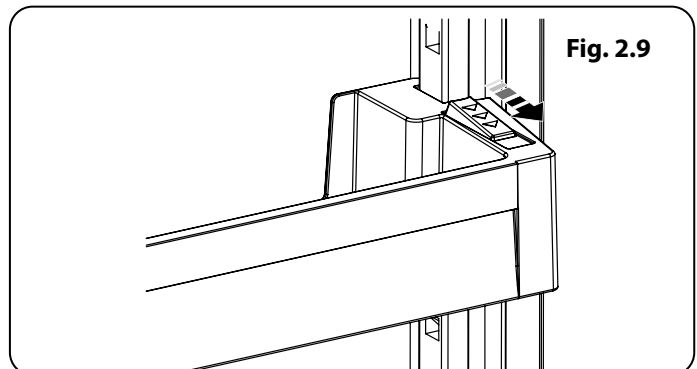
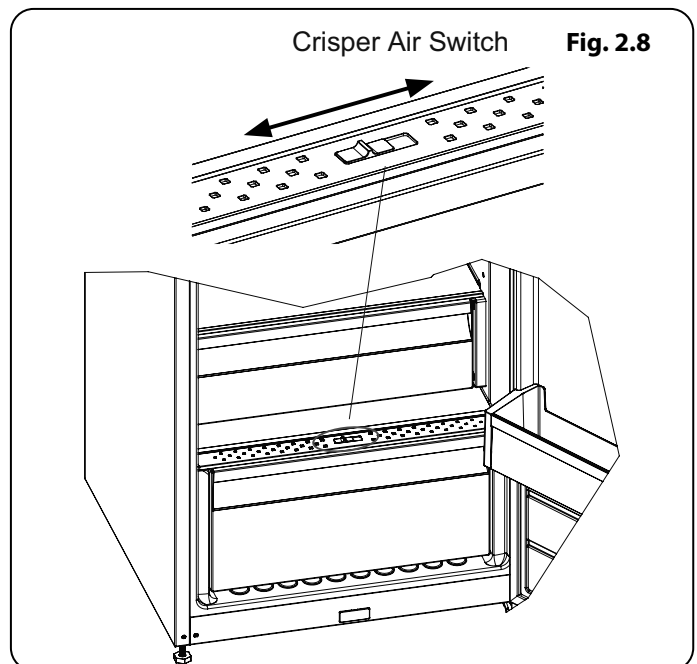
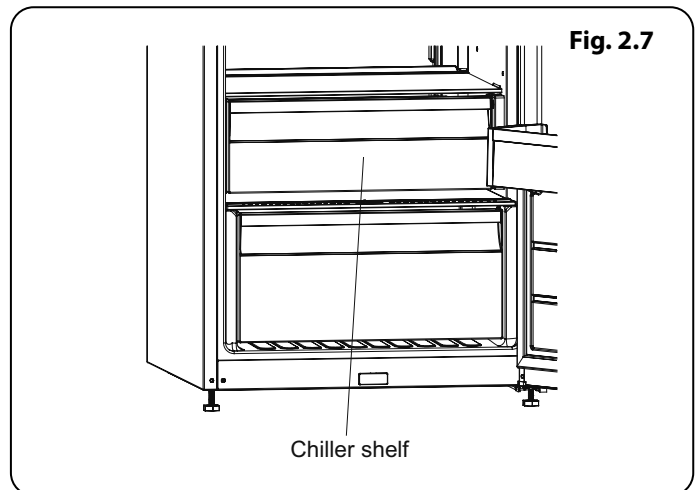
Six different height adjustments can be made to provide storage areas that you need by adjustable door shelf.

To change the position of adjustable door shelf.

Remove all foods, bottles and liquids from Opti-lift™ tray before adjusting height.

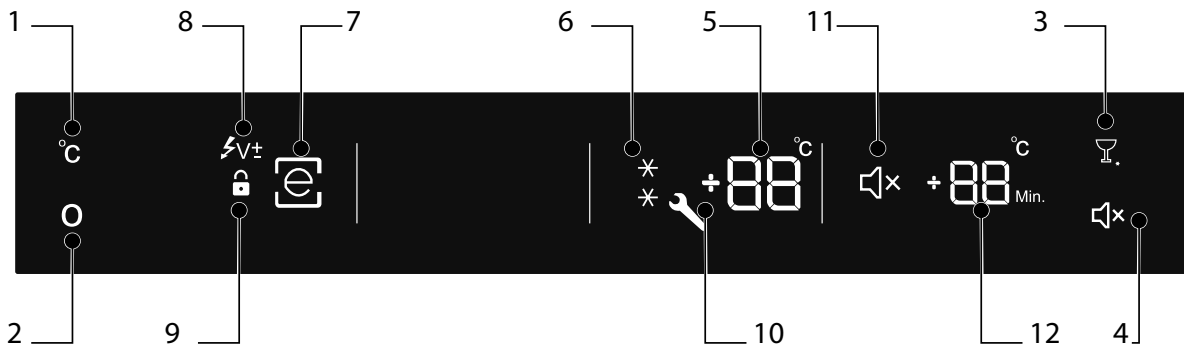
Hold the bottom of the shelf and pull the buttons on the side of the door shelf direction of arrow (**Fig. 2.9**). Position door shelf to the height you need by moving up and down. After you set the position, release the buttons on the side of the door shelf (**Fig. 2.10**) Before releasing the door shelf, move up down and make sure the door shelf is fixed.

Note: Before moving door shelf is loaded, you must hold the shelf by supporting the bottom. Otherwise, door shelf could fall off the rails due to the weight. So damage may occur on the door shelf or rails.



### 3. Using the Control Panel

Fig. 3.1



#### Using the Control Panel

1. Cooler Set Button (CS)
2. Mode Button (M)
3. Drink Cool Button
4. Mute Button
5. Cooler Set Value Screen
6. Super Cool Symbol
7. Economy Mode Symbol
8. Low Voltage Symbol
9. Child Lock Symbol
10. Alarm Symbol
11. Sound Off Symbol
12. Drink Cool Value Screen



| When to adjust                             | Inner Temperature   |
|--------------------------------------------|---------------------|
| For cooling the fridge at minimum capacity | +7 °C, +8 °C        |
| In normal usage                            | +4 °C, +5 °C, +6 °C |
| For cooling the fridge at maximum capacity | +2 °C, +3 °C        |

**Table 3.1**



## Operating your Fridge

### Cooler compartment temperature adjustment

- The initial temperature value for the fridge is 5 °C.
- Press the cooler set button (**Fig. 3.2**).
- The set value on the fridge indicator will start to flash when the cooler set button is pressed.
- The value on the fridge indicator will change to a lower temperature with each press of the cooler set button while the indicator is flashing (8°C, 7 °C, 6 °C, 5 °C, 4 °C, 3 °C, 2 °C).
- After reaching the desired temperature, wait for 5 seconds without pressing any buttons. The fridge will begin to operate at the selected temperature.
- If the value on the fridge indicator reaches 2 °C (minimum cooler temperature), the next press of the cooler set button will restart the displayed temperature value from 8 °C.

### Recommended Temperature Values for Fridge (Table 3.1)

#### Super Cooling Mode

When would it be used?

- To cool large quantity of food.
- To cool food quickly.

To use the super cool mode press the temperature set button until super cool light comes on (**Fig. 3.3**). A beep will sound to confirm the mode is active and "SC" will be displayed.

The super cooling mode will automatically cancel after 5 hours or when the fridge sensor temperature falls below 2 °C.

To cancel press the temperature set button.

For optimal super cool performance set the appliance into super cool mode 6 hours before you place food into the fridge.

### Economy mode

Your fridge will consume minimum energy at 5 °C, the optimum storage condition.

To activate Economy mode, press the mode button until a circle appears around the economy symbol (**Fig. 3.4**).

If no button is pressed for one second, the circle will blink three times and an alarm will sound to confirm the mode is active.

While the economy mode is active, 'E' will be displayed.

To deactivate Economy mode, press the mode button (**Fig. 3.4**).

### Child Lock function (Fig. 3.5)

Child lock helps to prevent accidental or unintentional changes being made to the refrigerator settings.

To activate child lock, press and hold the Drink Cool and Mode buttons simultaneously for 5 seconds.

To deactivate child lock, press and hold the Drink Cool and Mode buttons simultaneously for 5 seconds.

**Note:** The child lock will be deactivated if fridge is turned off or there is a powercut.

### Screen Saver Mode (Fig. 3.6)

Press and hold the mute button for 5 seconds to activate screen saver mode.

If no other button is pressed for 5 seconds, the control panel lights will switch off.

If any button is pressed while the control panel lights are off, the current settings will appear on the screen, allowing any adjustments to be made. If you do not cancel screen saver mode or press any buttons for 5 seconds, the control panel lights will switch off again.

To cancel screen saver mode, press and hold the mute button for 5 seconds again.

Child lock can also be activated while screen saver mode is active. If no buttons are pressed for five seconds after activating the child lock, the control panel lights will switch off. The settings and whether child lock is active can be viewed when any button is pressed. Child lock can be cancelled as described in the child lock mode instructions.

### Drink Cool Mode (Fig. 3.7)

Press the drink cool button to activate drink cooling mode. Each press will increment the time by 5 minutes up to 30 minutes, then will restart at 0. The set time can be viewed on the drink cool value display. When the drink cooling time ends, an alarm will sound.

**⚠ Important: This is a timer, not a cooling process.**

**⚠ Adjust the time according to the temperature of the bottles before they are placed in the fridge. For example, you may set the time as 5 minutes initially. If the bottle is not cool enough after this time, you may set another 5 or 10 minutes.**

This mode may also be used as a simple timer in cooler models.

**Fig. 3.4**



**Fig. 3.5**



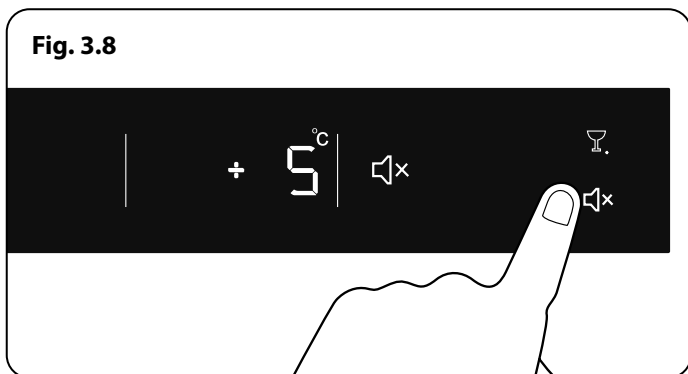
**Fig. 3.6**



**Fig. 3.7**



**Fig. 3.8**



### **Mute Mode**

Press the mute button to activate this mode. While this mode is active, all button sounds and alarm sounds will switch off.

To cancel this mode, press the mute button again.

### **Door Open Alarm Function**

If fridge door is opened for more than 2 minutes, the appliance will sound an alarm.

### **Temperature Settings Warnings**

- It is not recommended that you operate your fridge in environments colder than 10°C in terms of its efficiency.
- Do not start another adjustment before completing one adjustment.
- Temperature adjustments should be made according to the frequency of door openings, the quantity of food kept inside the fridge and the ambient temperature in the location of your fridge.
- When you first switch on the appliance, allow it to operate for 24 hours in order to reach normal operating temperature.
- During this time, do not open the door or place a lot of food inside the appliance.
- If the appliance is switched off or unplugged, wait at least 5 minutes before plugging the appliance in or restarting it this will prevent damage to the compressor.
- Your appliance is designed to operate in the ambient temperature (T/SN = 10°C - 43°C) intervals stated in the standards. We do not recommend operating your appliance out of the stated temperature limits in terms of cooling effectiveness.

## 4. Food Storage Tips

### Food storage

#### Fridge Compartment

- To reduce humidity and avoid the consequent formation of frost, always store liquids in sealed containers in the fridge. Frost tends to concentrate in the coldest parts of the evaporating liquid and, in time, your appliance will require more frequent defrosting.
- Never place warm food in the fridge. Warm food should be allowed to cool at room temperature and should be arranged to ensure adequate air circulation in the fridge compartment.
- Make sure no items are in direct contact with the rear wall of the appliance as frost will develop and packaging will stick to it. Do not open the fridge door frequently.
- We recommend that meat and clean fish are loosely wrapped and stored on the glass shelf just above the vegetable bin where the air is cooler, as this provides the best storage conditions.
- Store loose fruit and vegetables in the crisper.
- Storing fruit and vegetables separately helps prevent ethylene-sensitive vegetables (green leaves, broccoli, carrot, etc.) being affected by ethylene-releaser fruits (banana, peach, apricot, fig etc.).
- Do not put wet vegetables into the fridge.
- Storage time for all food products depends on the initial quality of the food and an uninterrupted refrigeration cycle before fridge storage.
- To avoid cross-contamination do not store meat products with fruit and vegetables. Water leaking from meat may contaminate other products in the fridge. You should package meat products and clean any leakages on the shelves.
- Do not put food in front of the air flow passage.
- Consume packaged foods before the recommended expiry date.

**NOTE:** Potatoes, onions and garlic should not be stored in the fridge. The table **Table 4.1** is a quick guide to show you the most efficient way to store the major food groups in your fridge compartment.

| Food                                   | Maximum storage time                              | How and where to store                                                          |
|----------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------|
| Vegetables and fruits                  | 1 week                                            | Vegetable bin                                                                   |
| Meat and fish                          | 2 - 3 Days                                        | Wrap in plastic foil, bags, or in a meat container and store on the glass shelf |
| Fresh cheese                           | 3 - 4 Days                                        | On the designated door shelf                                                    |
| Butter and margarine                   | 1 week                                            | On the designated door shelf                                                    |
| Bottled products e.g. milk and yoghurt | Until the expiry date recommended by the producer | On the designated door shelf                                                    |
| Eggs                                   | 1 month                                           | On the designated egg shelf                                                     |
| Cooked food                            |                                                   | All shelves                                                                     |

**Table 4.1**

## Tips on Storing Fresh Food

- Make sure that foods, which have been cooked and require chilling, are at room temperature before placing them into the appliance. Make sure that these foods are stored in suitable containers.
- Foods stored in the fridge should be cleaned and dried before storing.
- Before foods are put into the fridge, it is recommended that the foods should be pressurised, so that the water cannot vaporise, and the fruits and vegetables keep fresh and food smells will not mix.
- Stored foods can be marked in bags.
- Foods eaten daily should be stored at the front of the shelf.
- Make sure that foodstuffs are stored systematically (raw meats with raw meats, dairy with dairy) to avoid flavour transfer and cross contamination. Raw meats should be stored towards the bottom of the appliance to prevent the possibility of it dripping onto uncooked food. Other foods should be stored above raw meat.
- When storing food in the fresh food section always make sure there is adequate space for airflow circulation. This helps to maintain the shelf life of the food.
- When storing food in the fridge make sure that foods are not too close to the rear wall to avoid the risk of freezing.
- It is suggested for radishes and other root vegetables to trim the leaves. This keeps the nutrition in the root and not absorbed by the leaves.
- Put frozen foods into the fresh food area to let them defrost. The low temperature of the fridge reduces the formation of bacteria and extends food life.
- Some foods like onions, garlic, bananas and root vegetables are better stored at room temperature than in the fridge.
- Melon, pineapples and bananas can go directly into the freezer after preparing, for storage over a longer period.
- Packaging fresh foods properly, using the correct temperature and taking into account food hygiene, will enhance the quality of fresh foods stored within this appliance.
- Use plastic bags, aluminium foil or other food wraps to cover fresh foods not in packaging to prevent flavour transfer and prevent contamination.
- Before storing items in multi-packs (i.e. yoghurt) remove any excess packaging.
- **NEVER** store anything that is flammable, volatile or explosive inside the appliance.
- Beverages with high alcohol content should be stored vertically in tightly sealed bottles.
- Delicate foods should be stored in the coolest part of the appliance.
- Try not to open the door too often.
- Set the thermostat to make sure that foods remain suitably cold; try to avoid freezing within the fridge. Using a thermometer will help you to judge how cool the appliance is. Place it into a glass of water and leave it inside the appliance for several hours to get a reliable reading.
- Some foods contain natural oils and acids (e.g. citric acid) which can damage plastics if spilled – make sure these foods are suitably contained.
- Unpleasant odours inside the fridge are a sign that something has spilled and cleaning is required. Using warm water with bicarbonate of soda will clean the interior of the appliance and remove most spillages (see 'Cleaning and Maintenance').
- Always remember to remove perishable foods from this appliance before taking prolonged trips of holidays.

## 5. Cleaning and Maintenance

---

### Cleaning

-  **Disconnect the appliance from the power supply before cleaning.**
-  **Do not wash your appliance by pouring water on it.**
-  **DO NOT use harsh abrasives, or aggressive cleaners as these can damage the interior of the appliance.**
-  **The fridge is heavy. When moving the fridge be careful to protect the floor. Keep the fridge vertical and do not tilt the fridge – this prevents damage to the floor.**
-  **DO NOT spray or rinse the fridge with water or other liquids. This could harm the electrical parts.**
-  **Use a dry cloth when cleaning near the electrical parts (such as the light bulb or switch).**
-  **DO NOT clean the fridge with a stiff or wire brush.**
-  **DO NOT use an organic solvent such as detergent, petrol, lacquer, thinners, acetone or acid.**
-  **To prevent your skin sticking to cold steel parts, make sure your hands are not wet when touching the parts.**
-  **DO NOT use HOT water to clean the glass shelves, as they may break or crack.**

- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers to avoid decontaminating other foods.

To keep internal odours to a minimum it is best to periodically clean the inside shelves, crispers, bins and wall.

Empty the appliance of food and remove the shelves.

Clean the interior using warm water and bicarbonate of soda with a soft cloth. Make sure that the interior is then dried carefully with a suitable cloth.

After washing, rinse with clean water and dry carefully. When you have finished cleaning, reconnect the plug to the mains supply with dry hands.

Shelves and other accessories (plastic and glass parts) can be cleaned in the sink using liquid dishwashing liquid and warm water. Make sure all soap is rinsed off and all parts are dry before replacing them inside the appliance.

Always keep the door seals clean.

Make sure that no water enters the lamp housing and other electrical components.

The appliance should be cleaned regularly using a solution of bicarbonate of soda and lukewarm water.

Clean the accessories separately by hand with soap and water. Do not wash accessories in a dish washer.

Clean the condenser with a brush at least twice a year. This will help you to save on energy costs and increase productivity.

### Replacing LED Lighting (Fig. 5.1)

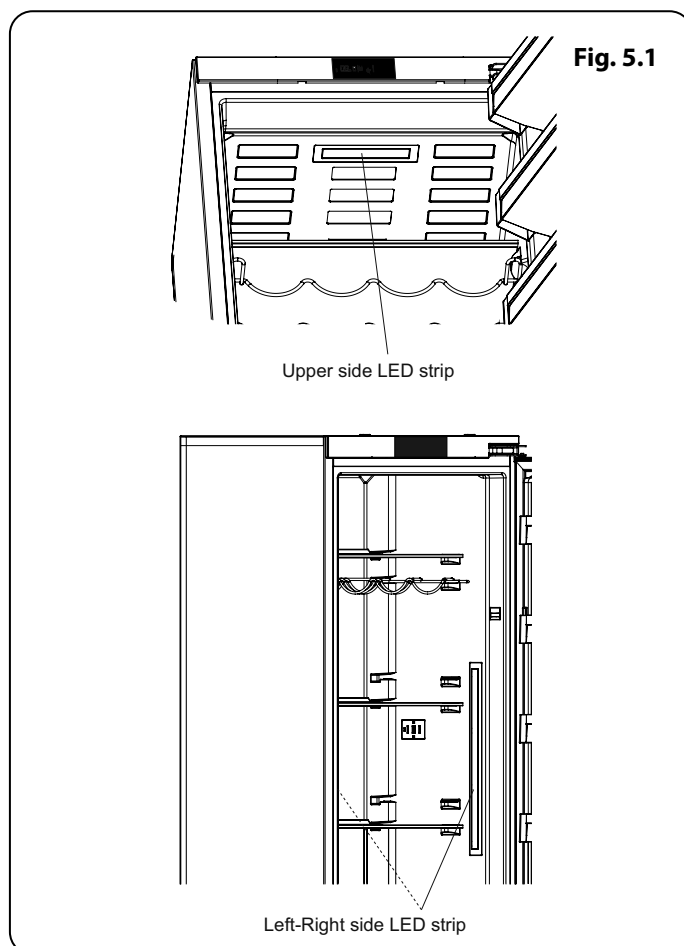
Please refer to the Warranty chapter as this should be changed by authorised personnel only.

The LED interior lights come on when the door is opened. The performance of the light is not affected by any of the appliances other settings.

**Note:** The numbers and location of the LED strips may change according to the model.

### When not in use

If you are not using the appliance for an extended length of time, it is recommended that you switch off the electrical supply, empty any food out, clean the inside of the appliance and leave the door ajar. This will save energy, and also prevent a build up of stale odours inside.

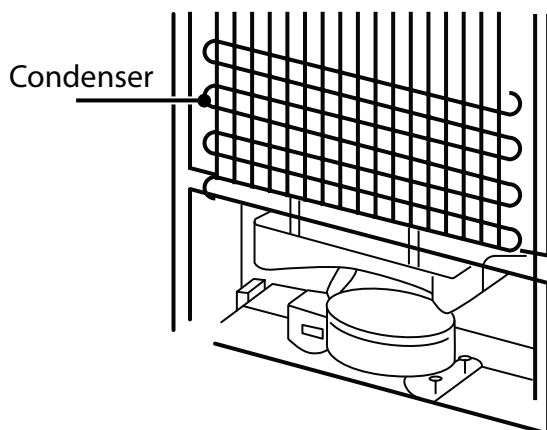


## 6. Troubleshooting

Before calling for service, please first read the following table: this could save you time and money.

| Error type | Meaning                                     | Why                                                                                                                                                                                                                                                                    | What to do                                                                                                                                                                                             |
|------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR         | "Failure" Warning                           | Appears when one or more of the refrigerator parts fail or there is a problem in the cooling system.                                                                                                                                                                   | Call a service agent for assistance as soon as possible.                                                                                                                                               |
| LC         | Refrigerator compartment is not cold enough | This warning especially appears if there has been a power failure for a long period or when the refrigerator is operated for the first time. Ideal temperature for the refrigerator compartment is +4 °C. If you see this warning, your foods are at risk of spoiling. | 1. Set the refrigerator temperature to colder values or set the Super Cooling mode until the compartment reaches normal temperature.<br>2. Open the door as little as possible until the fault clears. |
| HC         | Refrigerator compartment too cold           | The food will start to freeze because the temperature is too cold.                                                                                                                                                                                                     | 3. Check if the Super Cooling mode is switched on.<br>4. Decrease the refrigerator temperature values.                                                                                                 |
| LP         | "Low voltage" Warning                       | Refrigerators switches to standby mode when the voltage supply falls below 170 Volts.                                                                                                                                                                                  | This feature prevents the compressor from damage due to low voltage.<br><br>The refrigerator will start operating automatically when the voltage restores to the required level.                       |

Fig. 6.1



If you are experiencing a problem with your appliance, please check the following before contacting the after-sales service.

Only a qualified service engineer should service the appliance and only approved spare parts should be used.

**⚠ Isolate the electricity supply before carrying out any maintenance.**

### Your fridge does not operate

Check if:

- There is power.
- The plug is connected to the socket correctly.
- The socket fuse or the mains fuse has blown.
- The socket is faulty. To check this, plug another working appliance into the same socket.

### Your fridge is performing poorly

Check if:

- The appliance is overloaded.
- The fridge temperature set to 2°C.
- The doors are closed properly.
- The condenser is clean and free of dust (**Fig. 6.1**).
- There is an adequate distance between the appliance and surrounding walls. Please refer to "**Positioning Your Appliance**" page 19
- A high ambient temperature (T/SN = 10°C-43°C)
- An error with the appliance.

### Your appliance is operating noisily

The following noises can be heard during normal operation of the appliance.

- **Cracking (ice cracking) noise occurs:** During automatic defrosting. When the appliance is cooled or warmed (due to expansion of appliance material).
- **Motor noise:** Indicates the compressor is operating normally. The compressor may cause more noise for a short time when it is first activated.
- **Bubbling noise and splashing occurs:** Due to the flow of the refrigerant in the pipes of the system.
- **Air blowing noise occurs:** During normal operation of the system due to the circulation of air.

### There is a build-up of humidity inside the fridge

Check if:

- All food is packed properly. Containers must be dry before being placed in the fridge.
- The fridge doors are opened frequently. Humidity of the room will enter the fridge each time the doors are opened. Humidity increases faster if the doors are opened frequently, especially if the humidity of the room is high.

### The doors are not opening or closing properly

Check if:

- There is food or packaging preventing the door from closing
- The door compartments, shelves and drawers are placed properly
- The door gaskets are broken or torn
- Your fridge is level.

### Recommendations

To stop the appliance completely, unplug from main socket (for cleaning and when the door is left open)



#### Important:

In the case of a power failure, or if the appliance is unplugged and plugged in again, the gas in the cooling system of your fridge will destabilise, causing the compressor protective thermal element to open.

Your fridge will start to operate normally after 5 minutes.

If the appliance will not be used for a long period of time (such as during holidays), disconnect the plug. Defrost and clean the fridge, leaving the door open to prevent the formation of mildew and odour.

If the problem persists after you have followed all the instructions above, please consult the nearest Authorised

### Service Centre.

This appliance is designed for domestic use and for the stated purposes only. It is not suitable for commercial or common use. If the consumer uses the appliance in a way that does not comply with these instructions, we emphasise that the manufacturer and the dealer will not be responsible for any repair or failure within the guarantee period.

### Tips for saving energy

1. Install the appliance in a cool, well ventilated room, but not in direct sunlight and not near a heat source (such as a radiator or oven) otherwise an insulating plate should be used.
2. Allow warm food and drinks to cool before placing them inside the appliance.
3. Drinks or other liquids should be covered when inside the appliance. If left uncovered, the humidity inside the appliance will increase, therefore the appliance uses more energy. Keeping drinks and other liquids covered helps preserve their smell and taste.
4. Avoid keeping the doors open for long periods and opening the doors too frequently as warm air will enter the appliance and cause the compressor to switch on unnecessarily often.
5. Keep the covers of the different temperature compartments (such as the crisper and chiller) closed.
6. The door gasket must be clean and pliable. Replace gaskets if worn.

## 7. Installation

---

### Installation warnings

Before using your appliance for the first time, please pay attention to the following points:

- Your appliance may have an odour when it is operated for the first time. This is normal and the odour will fade when your appliance starts to cool.
- Before connecting your appliance, ensure that the information on the data plate (voltage and connected load) matches that of the mains electricity supply. If in doubt, consult a qualified electrician.
- We do not accept responsibility for any damages that occur due to electrical ungrounded usage.
- Place your appliance where it will not be exposed to direct sunlight.
- Your appliance must never be used outdoors or exposed to rain.
- Your appliance must be at least 50 cm away from stoves, gas ovens and heater cores, and at least 5 cm away from electrical ovens.
- If your appliance is placed next to a deep freezer, there must be at least 2 cm between them to prevent humidity forming on the outer surface.
- Do not cover the body or top of appliance with lace. This will affect the performance of your appliance.
- Do not place anything on top of your appliance.
- Do not place heavy items on the appliance.
- Clean the appliance thoroughly before use (see Cleaning and Maintenance).
- The installation procedure into a kitchen unit is given in the installation manual. This product is intended to be used in the kitchen.
- Before using your appliance, wipe all parts with a solution of warm water and a teaspoon of sodium bicarbonate. Then, rinse with clean water and dry. Return all parts to the appliance after cleaning.

## Positioning Your Appliance

### **⚠ The refrigerator must be carried by at least 4 people.**

The original packaging and foam may be kept for re-transportation (optional).

Fasten your fridge with thick packaging, bands or strong cords and follow the instructions for transportation given on the package.

Remove all movable parts (shelves, accessories, vegetable bins, etc.) or fix them into the fridge against shocks using bands during re-positioning and transportation.

An ambient sensor, main board and hinge covers are available on your refrigerator. During cleaning, make sure no fluid enters this area.

### Choosing the Right Location

Avoid exposing the appliance to direct sunlight, and sources of heat (such as radiators, heaters or cookers).

If this appliance is situated in a cold environment (such as a shed, outhouse or garage) it will affect its performance. You may find that the performance of the appliance is not consistent and this may damage foods. A consistent ambient temperature of 10 °C or above is recommended.

Refrigerator should be placed against a wall with a free distance not exceeding 75 mm.

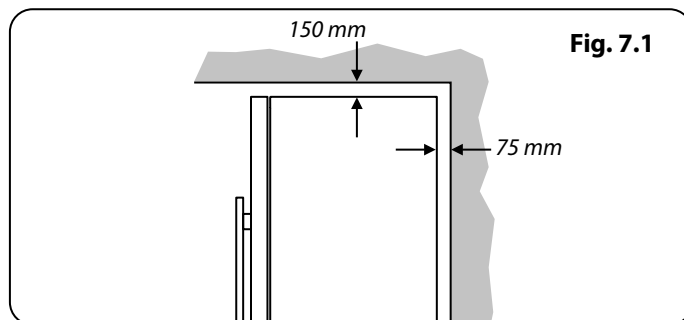
- To ensure adequate ventilation, clearance of at least 150 mm is required at the top of your appliance. The distance between the appliance and back wall must be a minimum of 75 mm (**Fig. 7.1**). Any units placed above the appliance must be clear by 150 mm to allow sufficient ventilation.
- Install the two plastic distance guides to prevent the condenser from touching the wall. Refer to (**Fig. 7.2**).
- If locating the refrigerator close to a corner, sufficient spacing must be left for opening the door and removing the shelves (**Fig. 7.4**).

Avoid exposing the appliance to direct sunlight, and sources of heat (such as radiators, heaters or cookers).

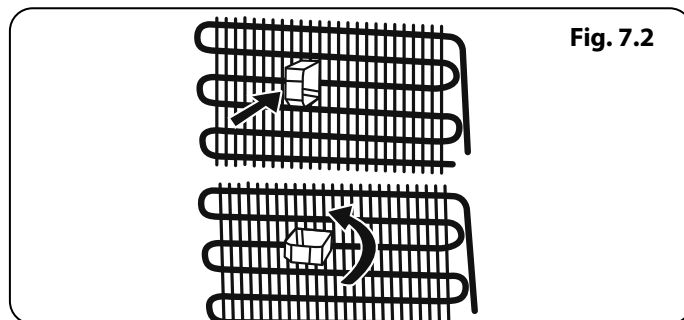
If this appliance is situated in a cold environment (such as a shed, outhouse or garage) it will affect its performance. You may find that the performance of the appliance is not consistent and this may damage foods. A consistent ambient temperature of 16 °C or above is recommended.

### Repositioning the Door

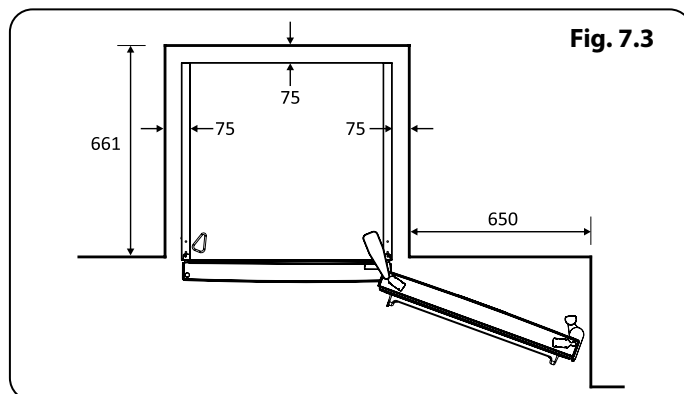
- It is not possible to change the opening direction of your appliance door if door handles are installed on the front surface of the appliance door.
- It is possible to change the opening direction of the door on models without handles.
- If the door-opening direction of your appliance can be changed, contact the nearest Authorised Service Centre to change the opening direction.



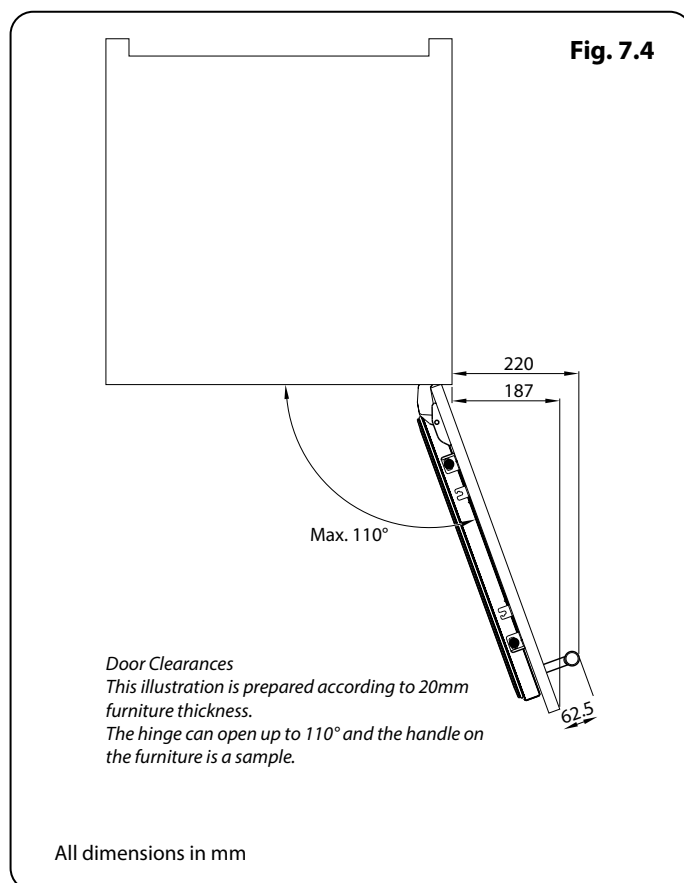
**Fig. 7.1**



**Fig. 7.2**

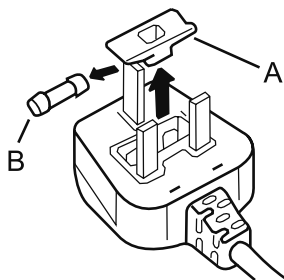


**Fig. 7.3**



**Fig. 7.4**

Fig. 7.5



## Electrical Supply Connection

Connect the appliance to the electrical supply (220-240 V ~ 50 Hz) with the plug and lead, which are fitted.

Connections to the mains supply should be in accordance with local regulations.

- ⚠ Warning! This appliance must be earthed.**
- ⚠ The mains lead of this appliance has been fitted with a specially earthed plug.**
- ⚠ Important: Do not use the appliance without the fuse cover in position. Should the fuse need to be replaced, it must be replaced with a 13A fuse, ASTA approved to BS1362.**
- ⚠ The plug must be used with a specially earthed socket of 13 amperes. If there is no such socket in your house, please have one installed by an authorised electrician.**

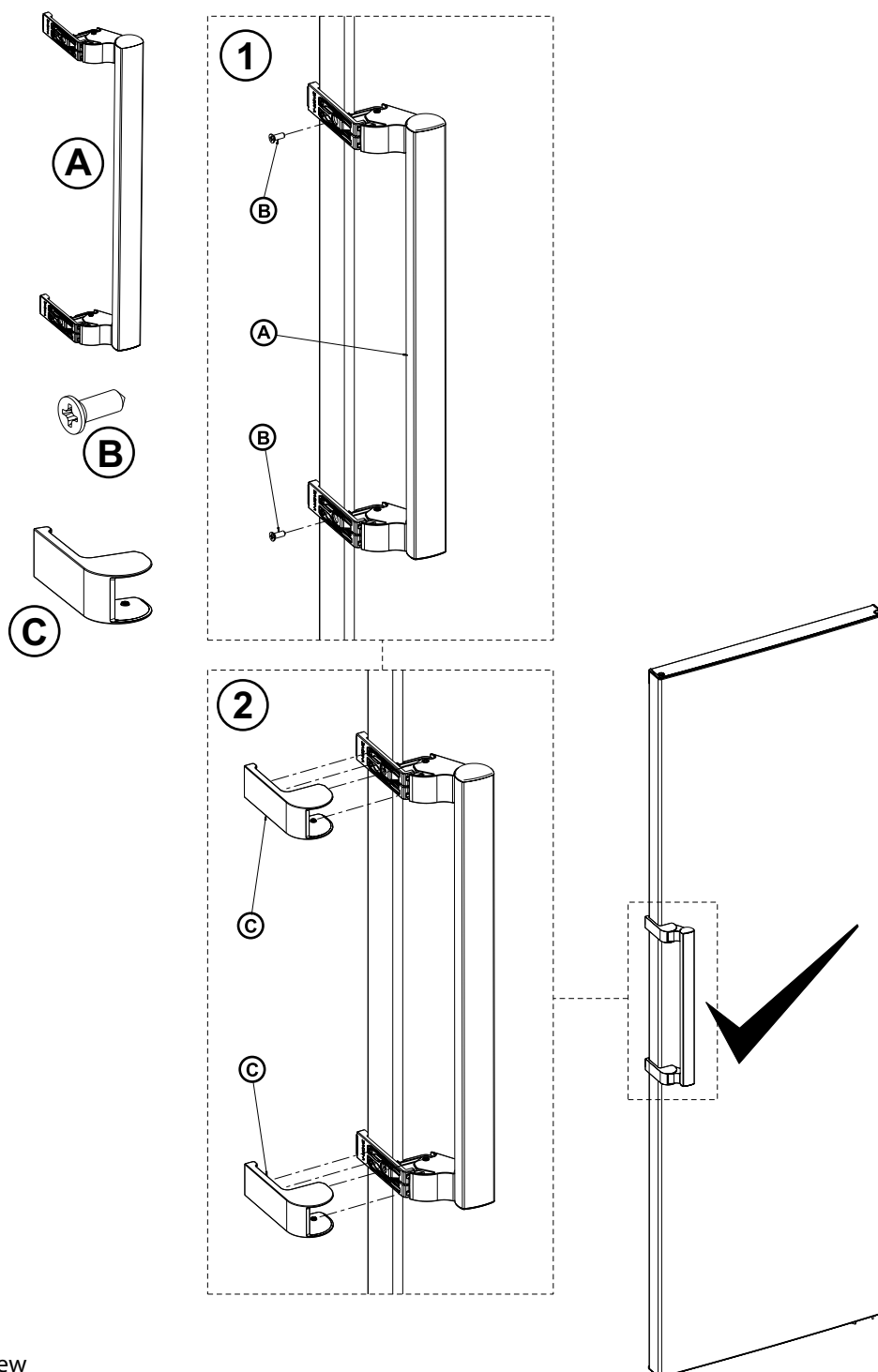
The mains lead of this appliance has been fitted with a BS 1363A 13A fused plug. To change a fuse in this type of plug, follow the steps below:

1. Remove the fuse cover and fuse.
2. Fit replacement 13A fuse, ASTA approved to BS 1362 type, into the fuse cover.
3. Replace fuse cover.

### **During Usage**

- Do not connect your appliance to the mains electricity supply using an extension lead.
- Do not use damaged, torn or old plugs.
- Do not pull, bend or damage the cord.
- This appliance is designed for use by adults. Do not allow children to play with the appliance or hang off the door.
- Never touch the power cord/plug with wet hands. This may cause a short circuit or electric shock.
- Do not place explosive or flammable material in your appliance. Place drinks with high alcohol content vertically in the appliance compartment and make sure their tops are tightly closed.
- When removing ice from the icemaking compartment, do not touch it. Ice may cause frost burns and/or cuts.
- Do not touch frozen goods with wet hands. Do not eat ice-cream or ice cubes immediately after they are removed from the ice-making compartment.
- Do not re-freeze thawed frozen food. This may cause health issues such as food poisoning.
- When the door of the freezer is closed, a vacuum seal will form. Wait for 1 minute before reopening it.
- If your old appliance or freezer has a lock, break or remove the lock before discarding it, because children may get trapped inside it and may cause an accident.
- Old appliances and freezers contain isolation material and refrigerant with CFC. Therefore, take care not to harm environment when you are discarding your old appliances.

## Fitting the door handle



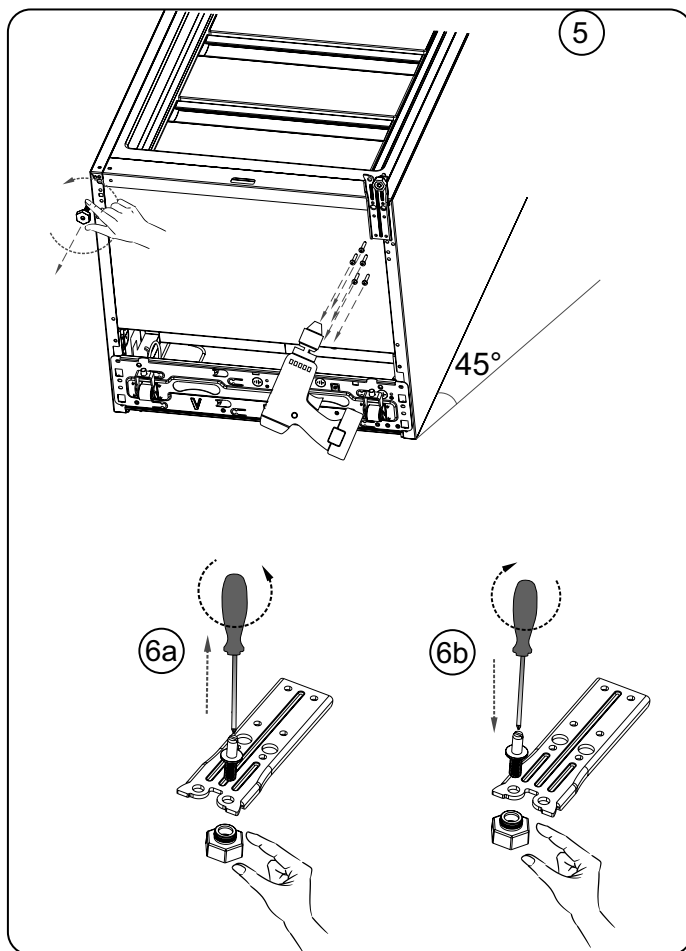
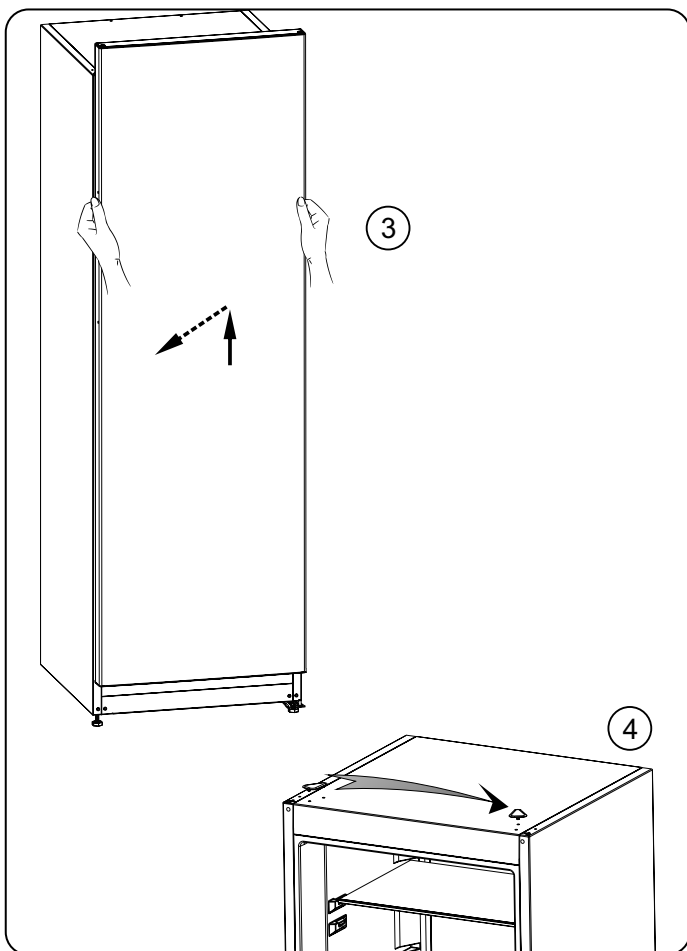
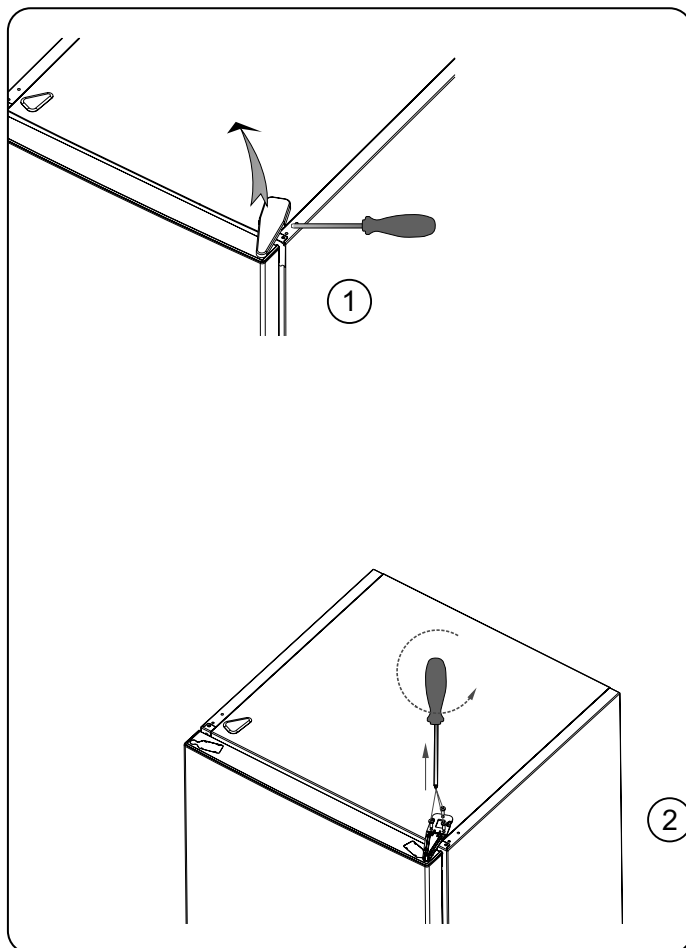
- A. 1x Handle
- B. 2x Fixing Screw
- C. 2x Handle decorative caps

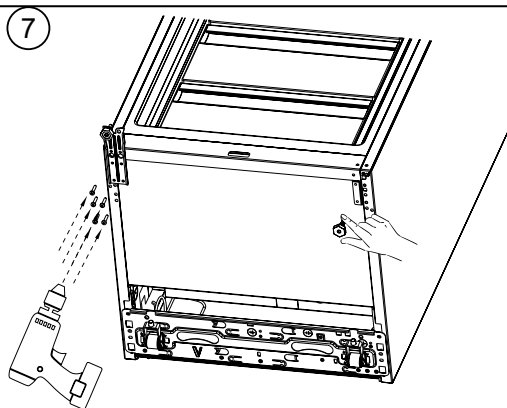
## Door reversal

**⚠ On no account try and move the appliance while it is plugged into the electricity supply.**

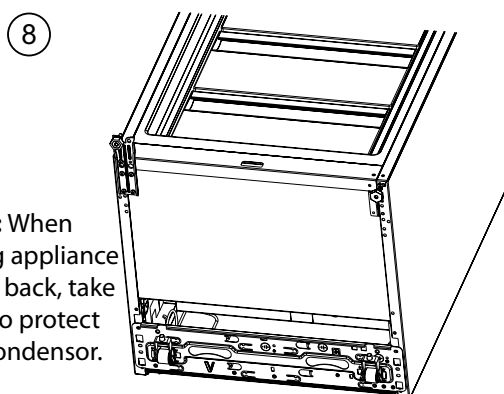
**⚠ The appliance is very heavy, so take great care.**

We recommend that two people manoeuvre the appliance. Make sure that the floor covering is firmly fixed, or removed, to prevent it being disturbed when moving the appliance around.

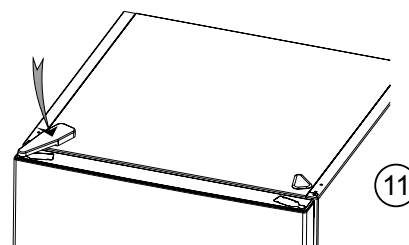
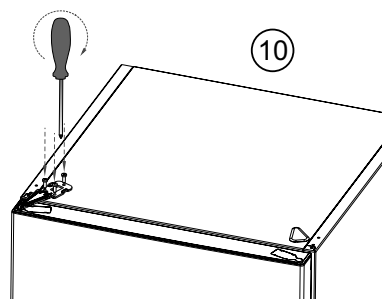
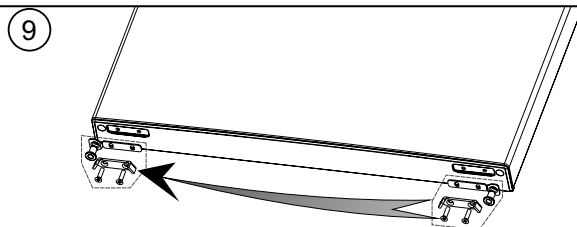




**Note:** Do not forget to add washer to top of hinge stud.

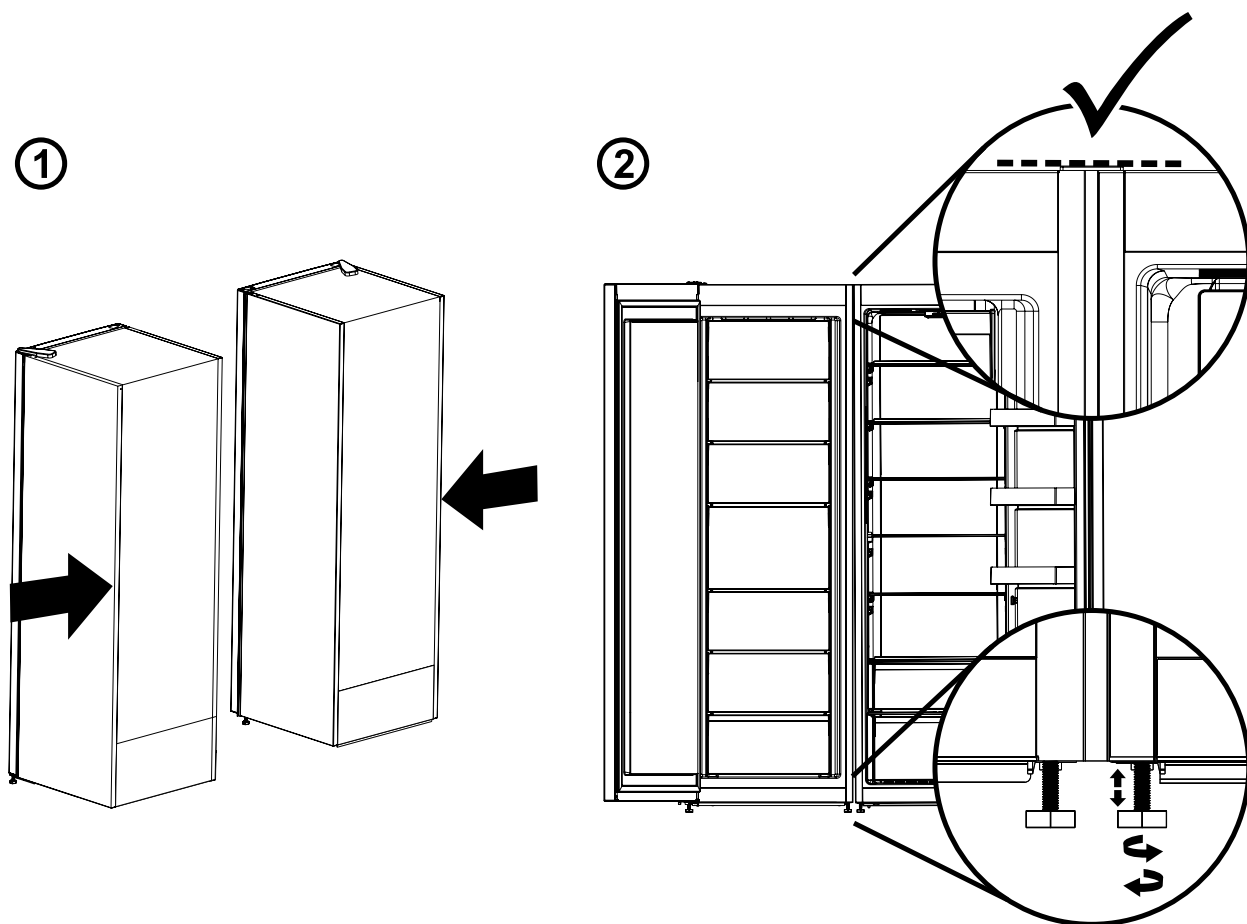
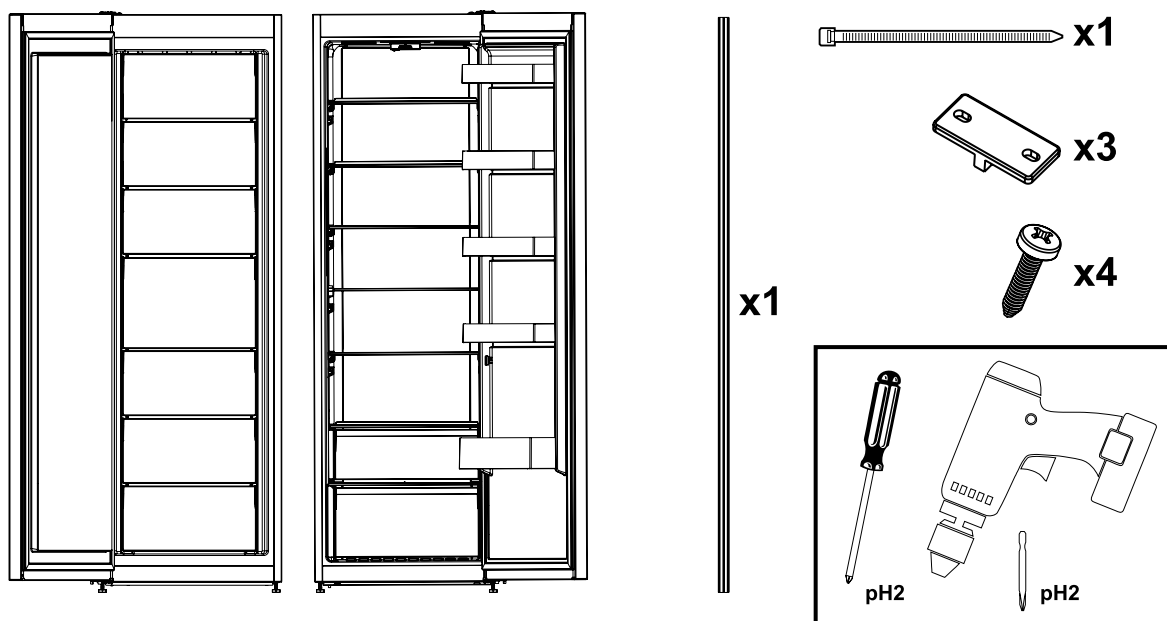


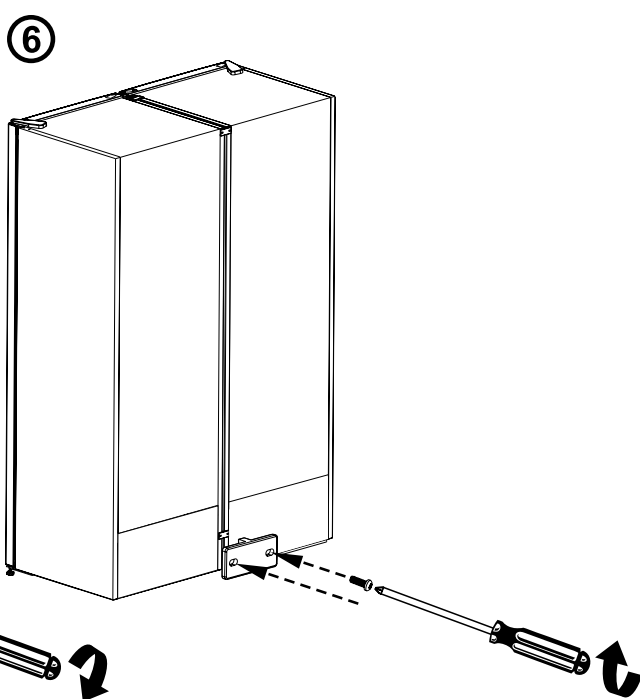
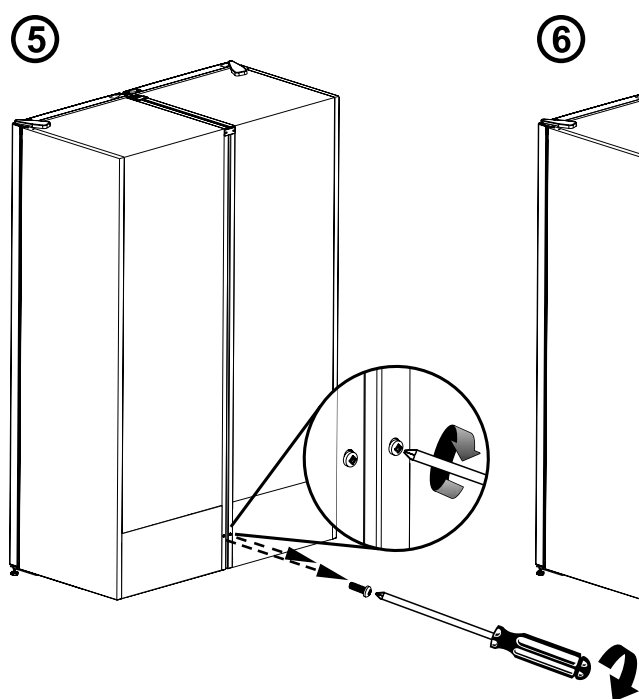
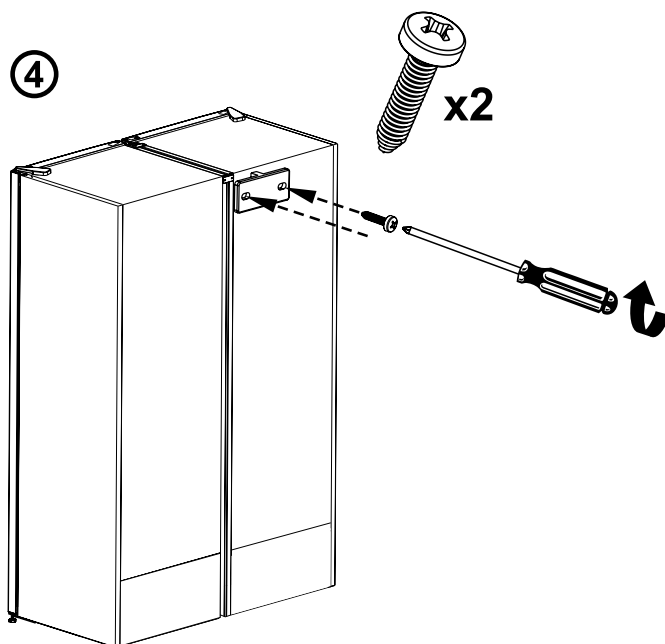
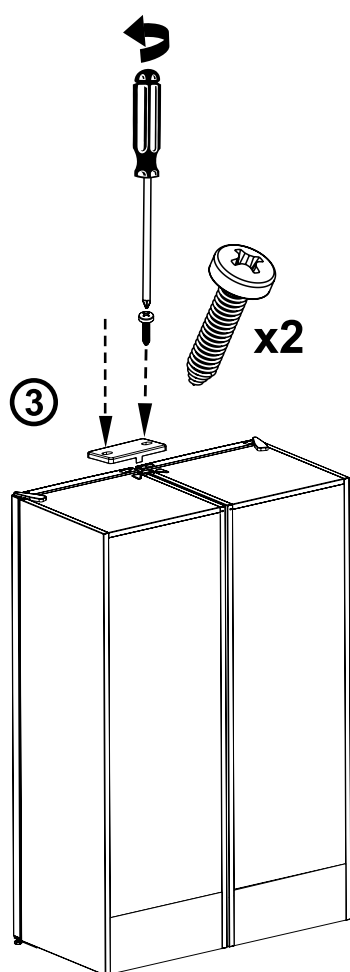
**Note:** When laying appliance on its back, take care to protect the condensor.



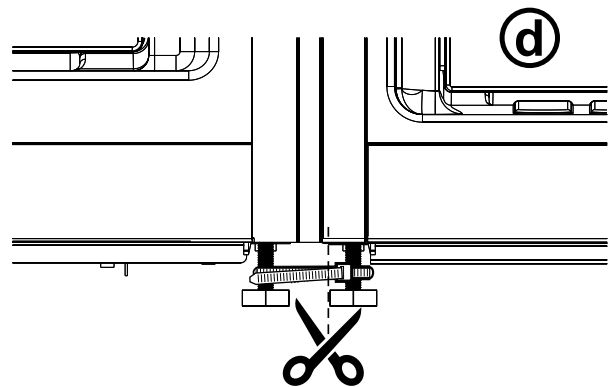
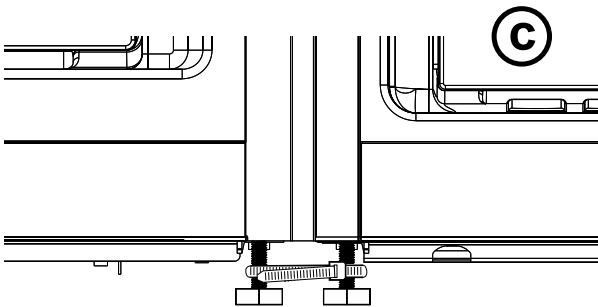
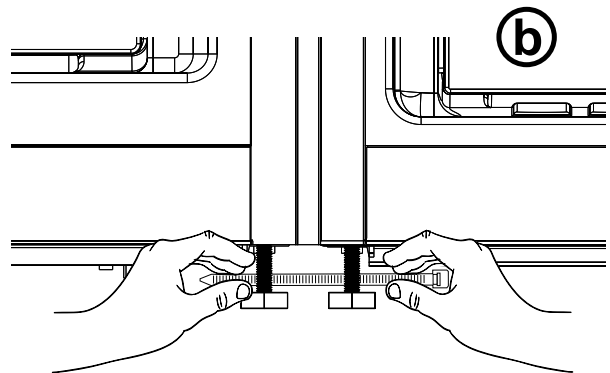
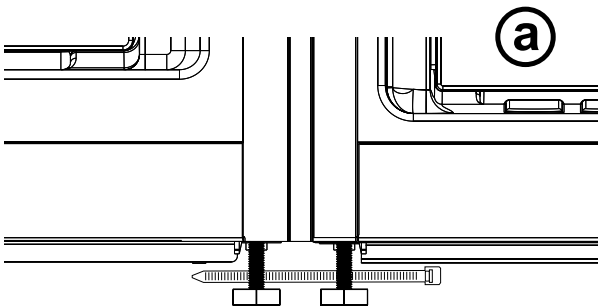
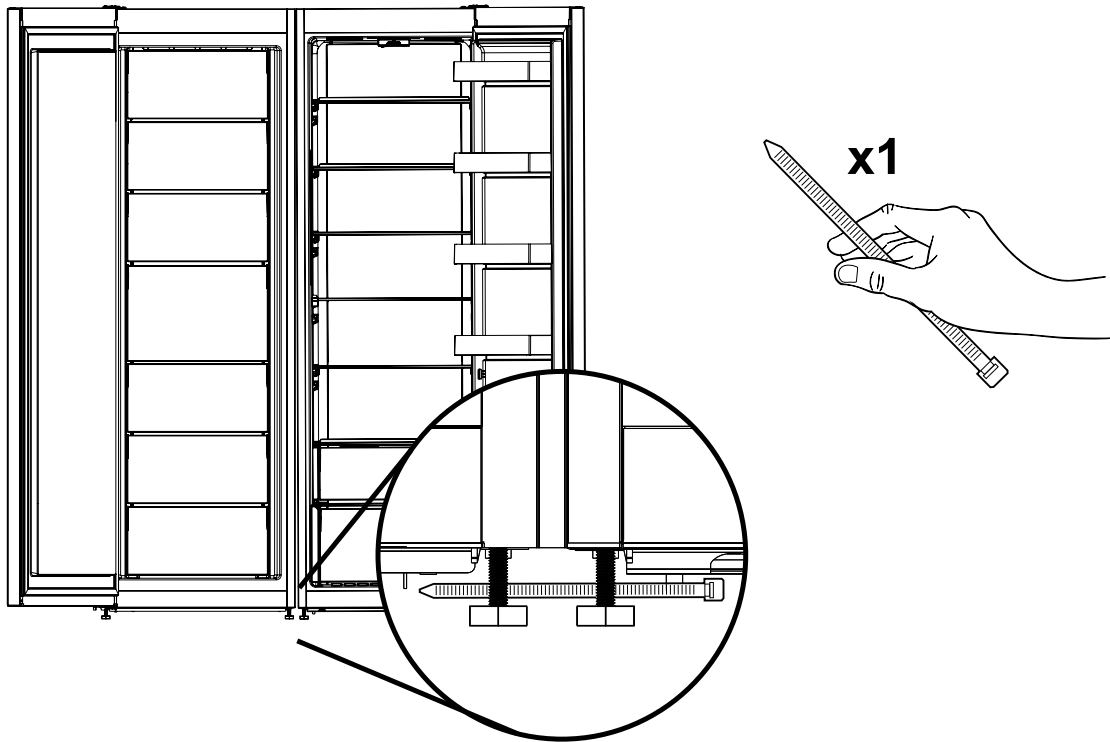
**!** Allow appliance to stand upright for a minimum of 6 hours after completing the door reversal procedure.

## Integration of two appliances

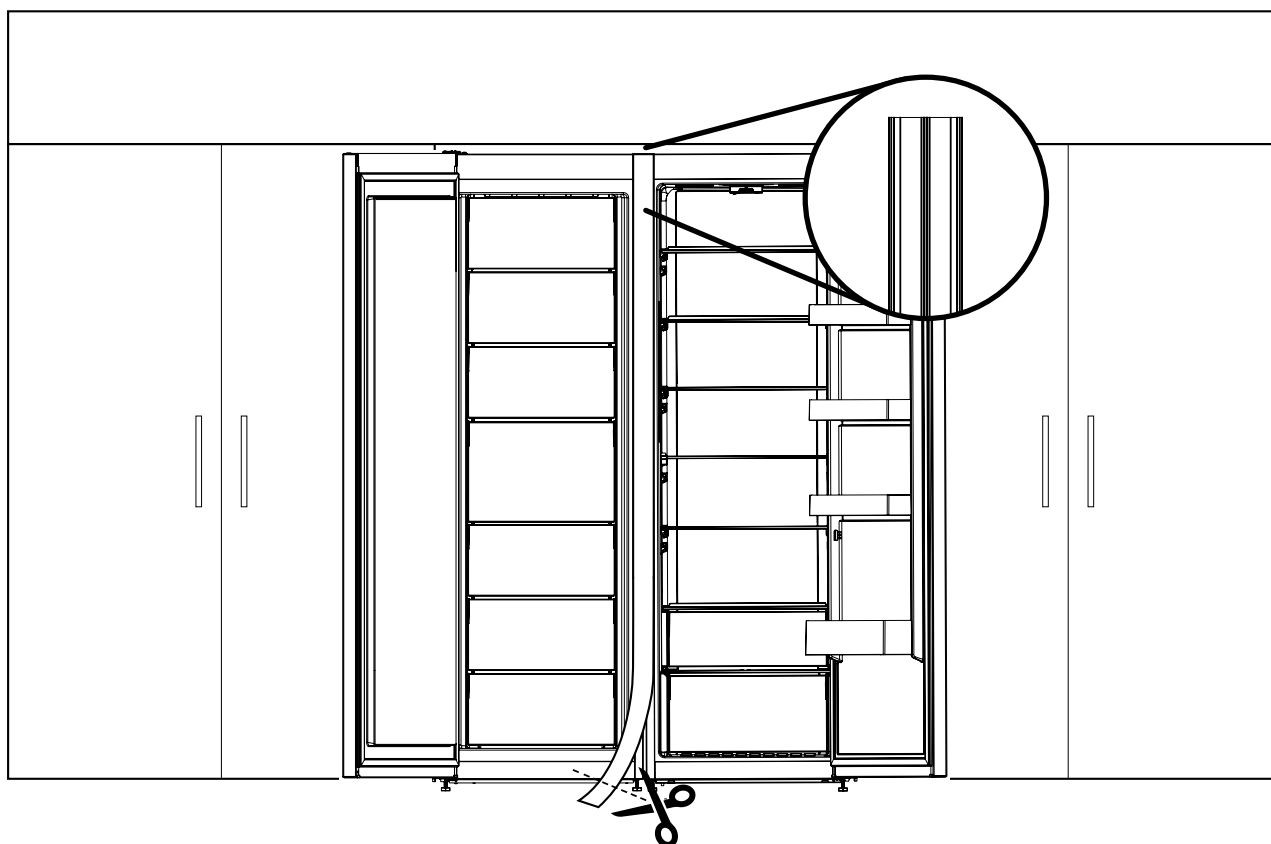
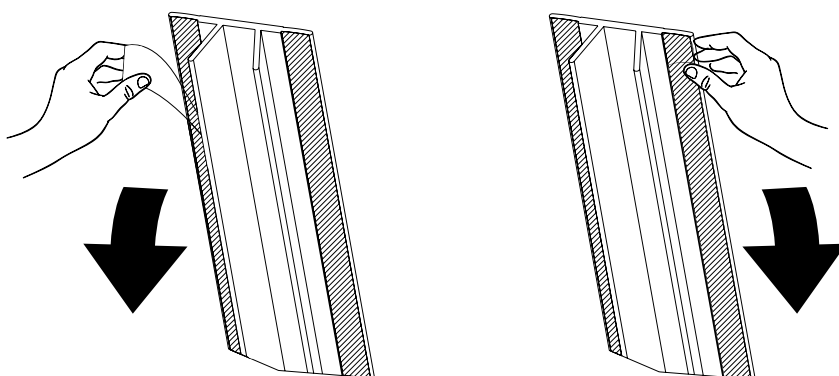




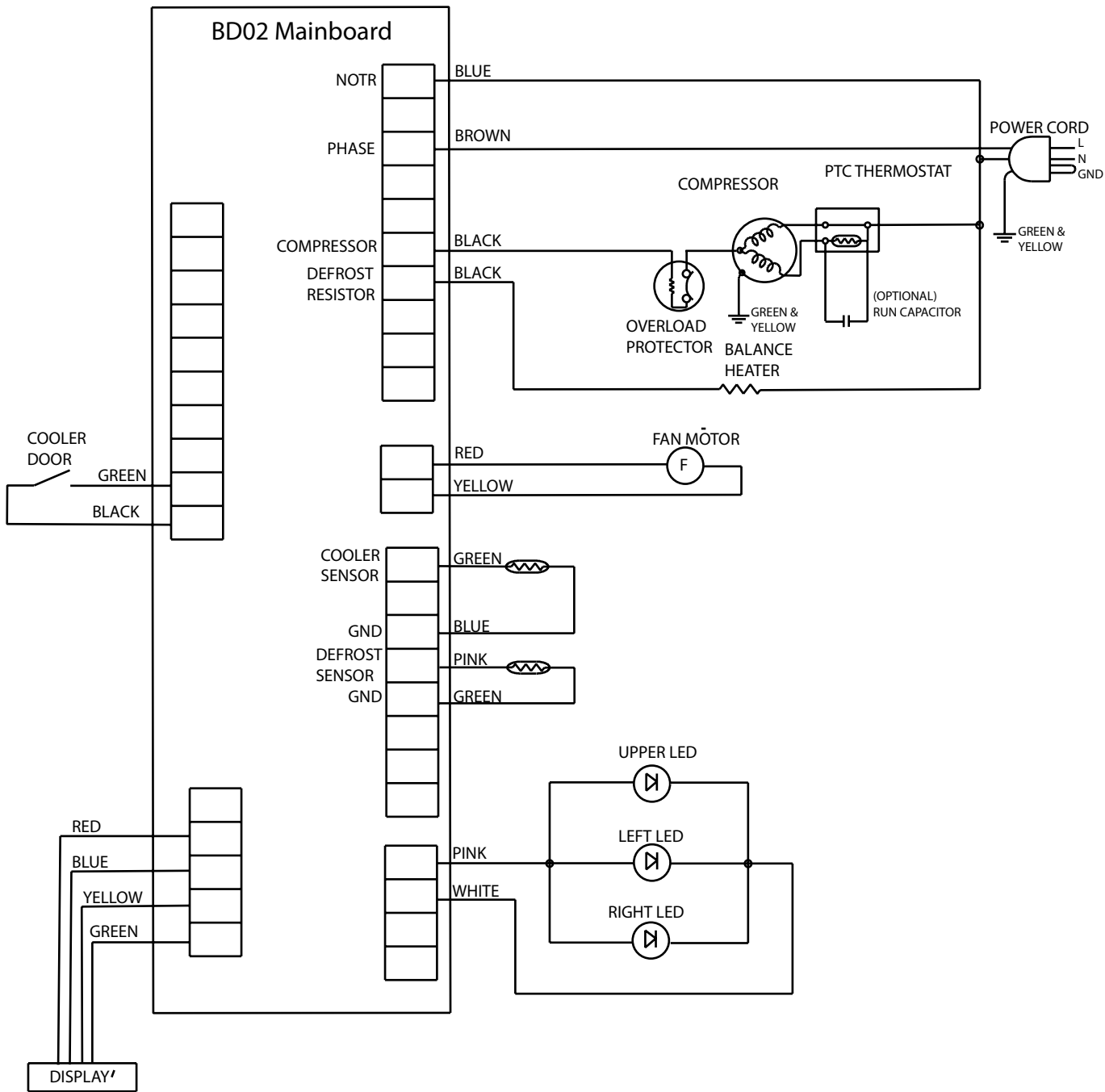
⑦



⑧



# 8. Circuit diagram



## 9. Technical Data

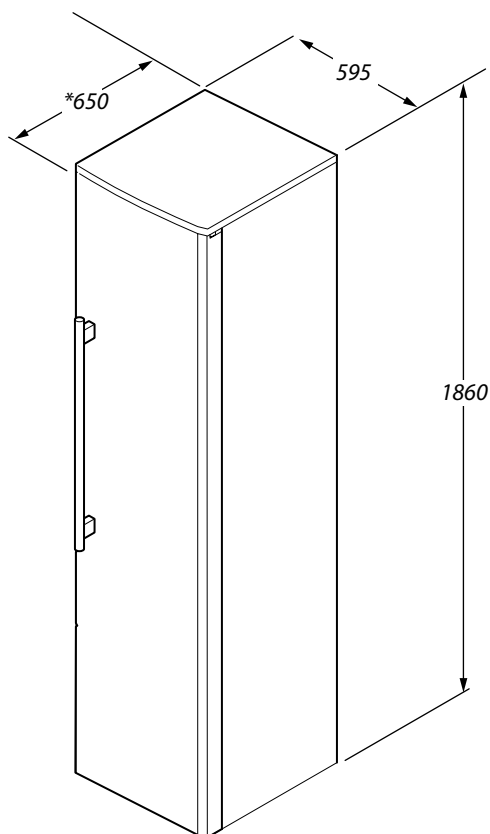
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**INSTALLER:** Please leave these instructions with the user.

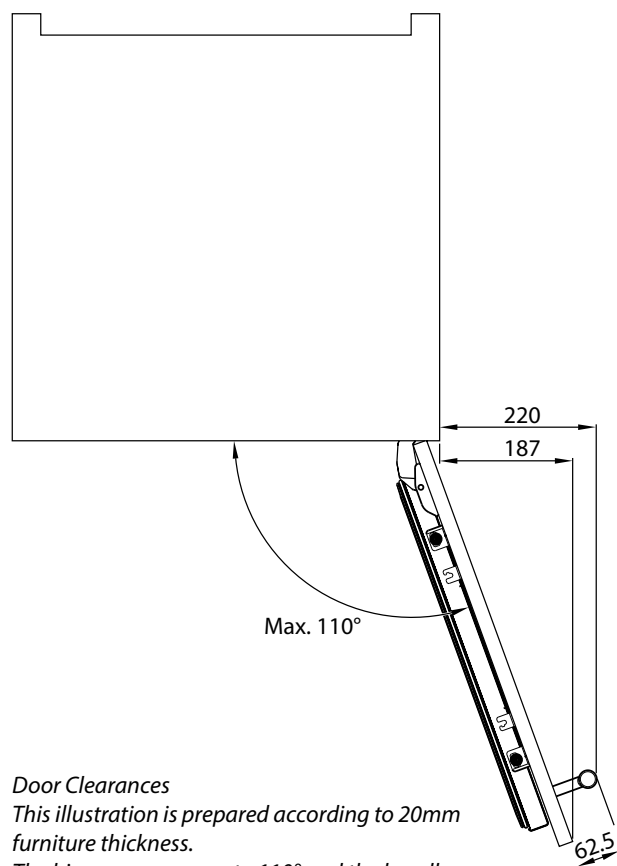
**DATA BADGE LOCATION:** Left-hand side of the fridge compartment.

**COUNTRY OF DESTINATION:** GB, IE.

### Dimensions



All dimensions in mm  
\* Not including handle



**Door Clearances**  
This illustration is prepared according to 20mm furniture thickness.  
The hinge can open up to 110° and the handle on the furniture is a sample.

## Ratings

|                                                                                                                                                                                                                                                                                                                                                           |    |                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------|
| Brand                                                                                                                                                                                                                                                                                                                                                     |    | RANGEMASTER                                              |
| Model identification                                                                                                                                                                                                                                                                                                                                      |    | RFSFR60BL/C<br>RFSFR60DI/C<br>RFSFR60IV/C<br>RFSFR60SS/C |
| Product category                                                                                                                                                                                                                                                                                                                                          |    | 1 (Refrigerator)                                         |
| Mass                                                                                                                                                                                                                                                                                                                                                      | kg | 68                                                       |
| Number of cavities                                                                                                                                                                                                                                                                                                                                        |    | 1                                                        |
| Energy class                                                                                                                                                                                                                                                                                                                                              |    | A+                                                       |
| Annual energy consumption*                                                                                                                                                                                                                                                                                                                                |    | 169 kWh                                                  |
| Total gross volume                                                                                                                                                                                                                                                                                                                                        |    | 404 litres                                               |
| Total net volume                                                                                                                                                                                                                                                                                                                                          |    | 380 litres                                               |
| Refrigerator gross volume                                                                                                                                                                                                                                                                                                                                 |    | 404 litres                                               |
| Refrigerator net volume                                                                                                                                                                                                                                                                                                                                   |    | 380 litres                                               |
| Chiller compartment net volume                                                                                                                                                                                                                                                                                                                            |    | 22 litres                                                |
| Freezer gross volume                                                                                                                                                                                                                                                                                                                                      |    | - litres                                                 |
| Freezer net volume                                                                                                                                                                                                                                                                                                                                        |    | - litres                                                 |
| Star rating                                                                                                                                                                                                                                                                                                                                               |    |                                                          |
| Refrigeration system                                                                                                                                                                                                                                                                                                                                      |    | NO FROST                                                 |
| Temperature rise time (-18°C/-9°C)                                                                                                                                                                                                                                                                                                                        |    | N / A                                                    |
| Freezing capacity                                                                                                                                                                                                                                                                                                                                         |    | N / A                                                    |
| Climate class **                                                                                                                                                                                                                                                                                                                                          |    | T/SN (10°C - 43°C)                                       |
| Noise emission                                                                                                                                                                                                                                                                                                                                            |    | 41 dB(A)                                                 |
| <p>Energy consumption of 169 kWh per year, calculated on the basis of results obtained in 24 hours under normalised test conditions. Real energy consumption depends on the conditions in which the equipment is used as well as where it is placed.</p> <p>This appliance is designed for use at an ambient temperature within the 10°C- 43°C range.</p> |    |                                                          |

## **10. Warranty/After Sales Service**

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If consultation or technical assistance is needed, please provide the local authorised service agent with the purchase invoice and the product code/serial number.

The 2 years free maintenance for the operation of the appliance started from the date of purchase of this product.

Any cosmetic damage to the appliance must be reported within 30 days of delivery.

Please note that AGA Rangemaster Limited have appointed Pacifica to administer in warranty repairs on our behalf. If you make a request for an in warranty repair, your details will be held by Pacifica

## NOTE

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## **AGA** RANGEmaster

Clarence Street, Royal Leamington Spa,  
Warwickshire, CV31 2AD, England.

