Instruction Manual

Frost Free
Fridge Freezer

S60GW12, S60GB13



Sandstrøm

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Safety Warnings

IMPORTANT SAFETY INSTRUCTIONS
READ CAREFULLY AND KEEP FOR FUTURE REFERENCE.

- If you pass the unit onto a third party, make sure to include this manual.
- This fridge is for household (domestic) use only.
- Check that the voltage marked on the rating label matches your supply voltage.
- Keep ventilation openings in the unit enclosure clear of obstructions.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not use electrical appliances inside the food storage compartments of the unit, unless they are of the type recommended by the manufacturer.
- If the mains cable is damaged, it must be replaced by the manufacturer, its service agent or a qualified technician in order to avoid a hazard.
- Young children should be supervised to ensure that they do not play with the unit.
- Do not damage the refrigerant circuit/piping located inside and outside the appliance.
- This appliance is not intended for use by persons (including children) with reduced sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instructions concerning the use of the unit by a person responsible for their safety.
- Do not store volatile or flammable substances in the unit.
- Do not store fizzy drinks bottles or glass containers in the freezer compartment. Contents can expand when frozen which may break the bottle and damage your freezer compartment.
- Do not consume products (such as water ices) just removed from the freezer as you may suffer cold burns.
- The mains plug must remain accessible to allow disconnection or an all pole switch must be incorporated in the fixed wiring in accordance with the wiring rules.

WARNING

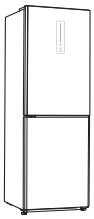
IT IS HAZARDOUS FOR ANYONE OTHER THAN AUTHORISED SERVICE PERSONNEL TO CARRY OUT SERVICING OF REPAIRS WHICH INVOLVE THE REMOVAL OF COVERS.

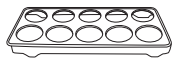
TO AVOID THE RISK OF AN ELECTRICAL SHOCK DO NOT ATTEMPT REPAIRS YOURSELF.

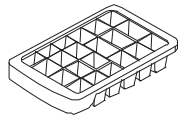
Unpacking

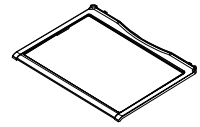
Remove all packaging from the unit. Retain the packaging. If you dispose of it please do so according to local regulations.

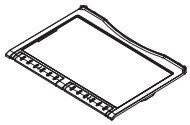
The following items are included:

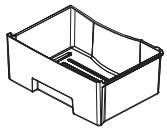

The Main Unit

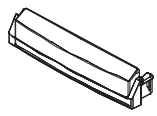

Egg Tray x 1

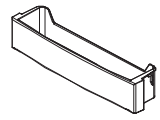

Ice Tray x 1

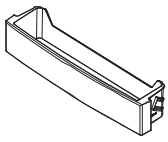

Adjustable Glass Shelf x 3

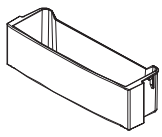

Salad Bin Cover x 1

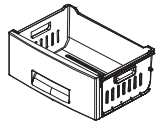

Salad Bin x 1

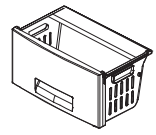

Small Fridge Door Shelf x 1


Middle Fridge Door Shelf x 1


Bottle Shelf x 1


Large Fridge Door Shelf x 1


Small Freezer Drawer x 2

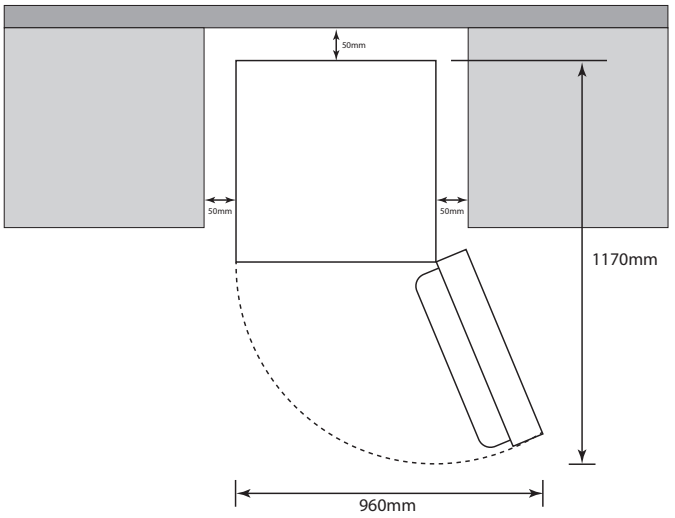

Large Freezer Drawer x 1

If items are missing or damaged please contact Partmaster (UK only).
Tel: 0844 800 3456 for assistance.

Location

When selecting a position for your unit you should make sure the floor is flat and firm, and the room is well ventilated with an average room temperature of between 10°C and 43°C. If the room temperature drops below 10°C your freezer may start to defrost. Avoid locating your unit near a heat source, e.g. cooker, boiler or radiator. Also avoid direct sunlight as it may increase the electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly. This unit is not designed for use in a garage or outdoor installation. Do not drape the unit with any covering.

When installing the unit, ensure that 50 mm of free space is left at both sides, 50 mm at the rear and 50 mm at the top of the unit. The door can be opened to the right or the left, depending on what better suits the location. Please ensure there is adequate space for the door to fully open.



- If you want to have the door swing reversed, we recommend that you contact a qualified technician. You should only try to reverse the door yourself if you believe that you are qualified to do so.
- All parts removed must be saved to do the reinstallation of the door. You should rest the unit on something solid so that it will not slip during the door change process. Do not lay the unit flat as this may damage the coolant system. Ensure the unit is unplugged and empty.

Reversing the Door Swing

The door of this unit can be reversed. However, due to electrical components, it is highly recommended that you contact a suitably qualified technician. If you decide to reverse the door yourself, please follow the steps below and take care to note the warnings.

The door of this unit can be reversed. However, due to electrical components, it is highly recommended that you contact a suitably qualified technician.

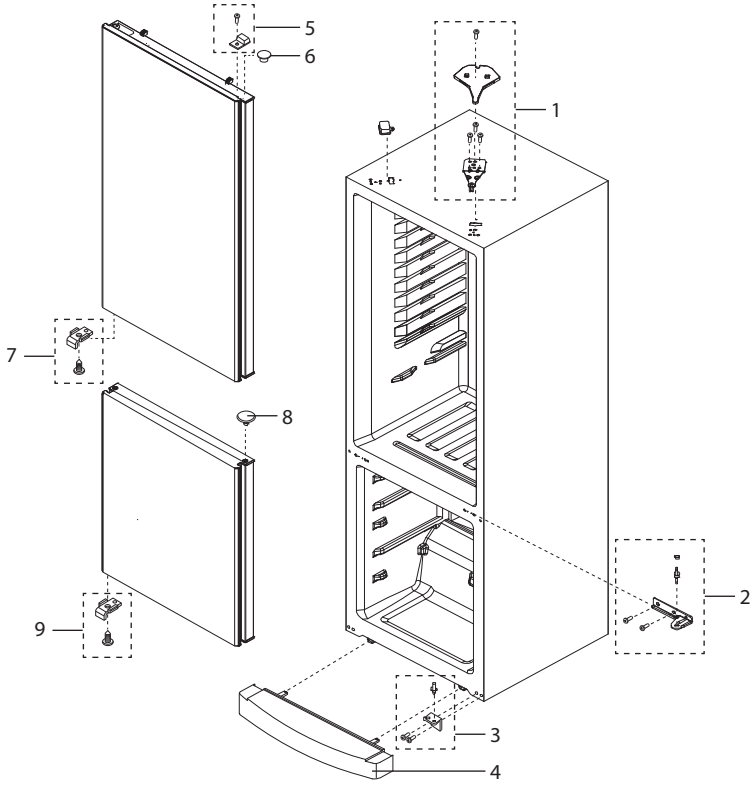
- **Before Reversing the Door**

  Disconnect the power from the mains.
- **Be Careful with Electrical Connections**

  Be careful when unplugging and refitting electrical connections.
- **Moving the Unit**

  2 people are required to move this unit.

INSTALLATION



1 Top hinge cover, screws & top hinge
2 Middle hinge, screws & plug
3 Lower hinge & screws
4 Bracket cover
5 Door switch cam & screw
6 Fridge door bushing cover
7 Fridge Door stopper
8 Freezer door bushing cover
9 Freezer door stopper

1. Remove the top hinge cover, carefully disconnecting the wiring harness, then remove the top hinge (1). Carefully remove the fridge door and place it on a padded surface to avoid scratching or damage.
2. Remove the middle hinge (2). Carefully remove the freezer door.
3. Remove the bracket cover (4), then remove the bottom hinge (3).
4. Reverse the position of the bushing cover of the fridge door (6):
   From the top of the fridge door, unscrew and remove the harness cover, then remove the left door harness. Secure the right hand harness within the door and assemble the harness cover.
5. Reverse the position of the bushing cover of the freezer door (8):
6. Reverse the position of the door switch by swapping it with the blanking plate (5):
   Unscrew the door switch cam and move it to the left hand side. Assemble the bracket on the left.
7. Reverse the position of the fridge door stopper (7) and freezer door stopper (9).
8. Attach the freezer door to the unit.
9. Fix the middle hinge (2) on the new side. Attach the fridge door to the unit. Do not drop the door.
10. Fix the top hinge to the door and connect the wires for the door switch (1) and wire harness.
11. Connect the door switch wire housing. Assemble the door switch on the new side.
12. Fix the bracket cover (4) to the unit.



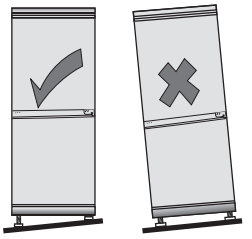
When replacing the top hinge cover, use the available fixing screw holes (these may not be in the same locations as the right hand side).

* All images are for indication only; please refer to your individual unit for actual item.

Levelling the Unit

To ensure the unit is level, adjust the two levelling feet at the front of the unit.

If the unit is not level, the doors and magnetic seal will not align properly.



Cleaning Before Use

Wipe the inside of the unit with a weak solution of bicarbonate soda. Then rinse with warm water using a 'wrung-out' sponge or cloth. Wipe completely dry before replacing the shelves, drawers and salad bins. Clean the exterior of the unit with a damp cloth.

If you require more information refer to the **Cleaning** section.

- **Before Plugging in YOU MUST**

  Check that you have a socket which is compatible with the plug supplied with the unit.
- **Before Turning On!**

  Do not turn on until six hours after moving the unit. The coolant fluid needs time to settle.

Before Using Your Unit

Before placing any food in your unit, turn it on and wait for 24 hours, to make sure it is working properly and to allow it time to fall to the correct temperature. Your unit should not be overfilled.

Interior Accessories

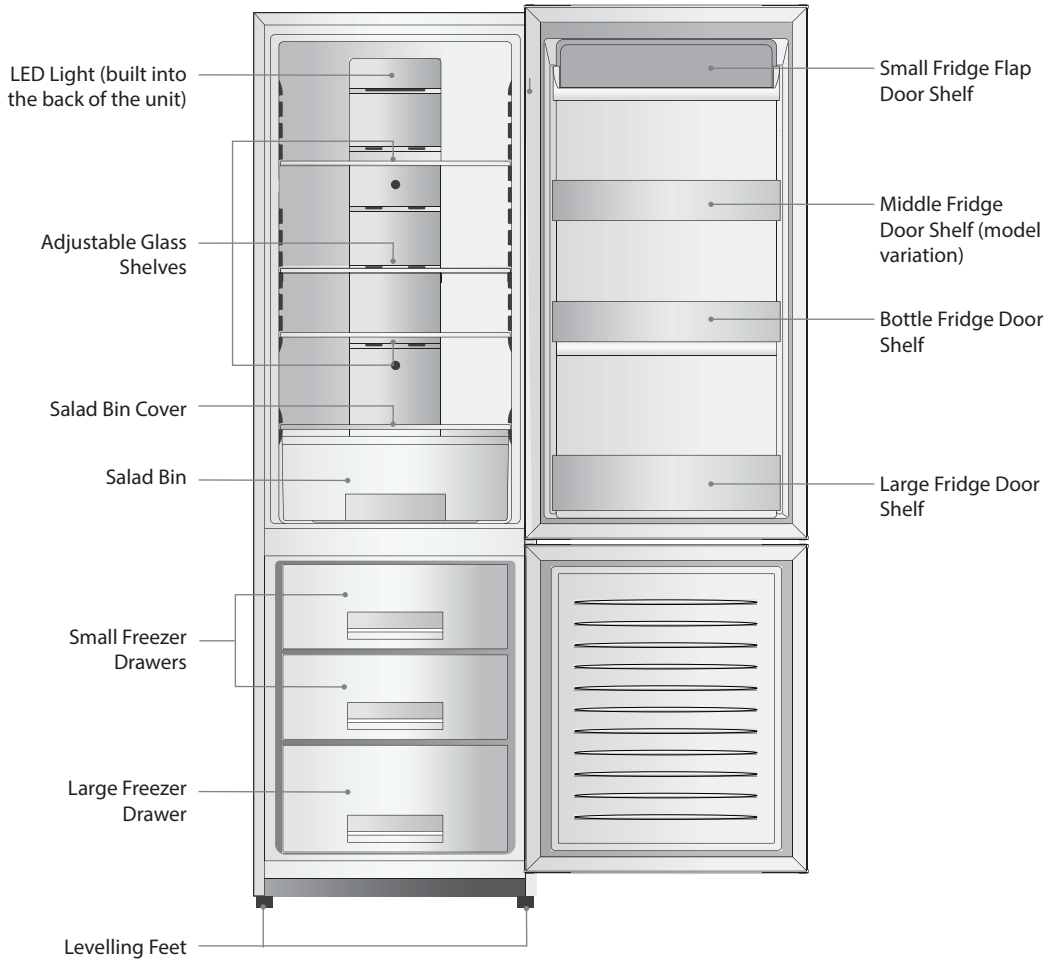
Various glass or plastic storage shelves are included with your appliance – different models have different combinations.

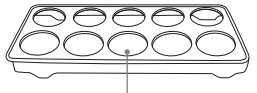
You should always slide one of the full size glass storage shelves into the lowest set of guides, above the fruit and vegetable containers, and keep it in this position. To do this, pull the storage shelf forward until it can be swivelled upwards or downwards and remove.

Please do the same in reverse to insert the shelf at a different height.

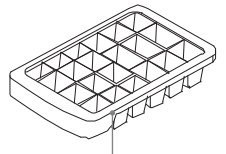
In order to make the most of the volume of the fresh food storage compartment and frozen-food storage compartment, the user can remove one or more shelves, or drawers, out of the appliance, according to daily use.

Product Overview





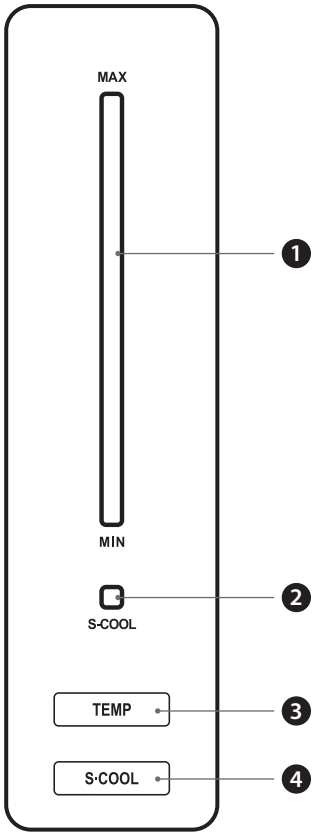
Egg Tray



Ice Tray

Display and Control Panel

The control panel is located at the front of the fridge. Please see below for the details:



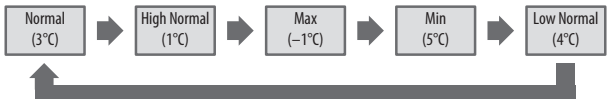
1. **Temperature Display**
   Displays the current setting between MIN to MAX.
2. **S-COOL Indicator**
   Displays the S-COOL function is activate.
3. **TEMP Button**
   Selects among the different temperatures.
4. **S-COOL Button**
   Lower the fridge freezer temperature to the required level.
   *Usual S-COOL or Fast-Freeze is used when a fresh food load is installed.

It may take a few hours (approx. 5 hours) for the unit to reach the target temperatures. The time to reach the set temperatures will vary depending on the ambient temperature and the type and amount of food stored in the compartments.

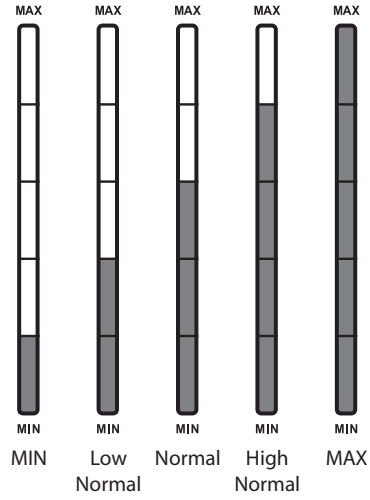
Operation

Temperature Setting

1. Connect the mains cable to the mains socket. The internal temperature of your unit is controlled by a control panel at the front of the fridge. There are five settings, of which position **MAX** is the coldest and position **MIN** is the warmest.
2. Press the **TEMP** button repeatedly to select "NORMAL", "HIGH NORMAL", "MAX", "MIN" or "LOW NORMAL"



The setting will be automatically confirmed after 5 seconds.



Super Cooling

- Press the **S-COOL** button, the indicator will light up, press the **S-COOL** button again to cancel.
- This function will automatically deactivate when the fridge storage temperature decreases to the required level.

Alarm

Door Opening Alarm

The buzzer will sound when the fridge door is left open for over 1 minute. If the fridge door is left open, the buzzer will sound every 1 minute for 5 minutes. After 10 minutes, the unit will turn off the internal light. The alarm and light will reset once the door has been closed.

Noises Inside the Unit!

You may notice that your unit makes some unusual noises. Most of these are perfectly normal, but you should be aware of them!

These noises are caused by the circulation of the refrigerant liquid in the cooling system. It has become more pronounced since the introduction of CFC free gases. This is not a fault and will not affect the performance of your unit. This is the compressor motor working, as it pumps the refrigerant around the system.

Shopping for Chilled Foods

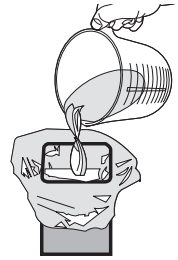
- Take a quick look at the chilled food package and make sure it is in perfect condition.
- Try to keep chilled food together whilst shopping and on the journey home as this will help to keep the food cold.
- Don't buy chilled food unless you can chill it straight away. Specially insulated bags can be bought from most supermarkets and hardware shops. These bags can keep chilled food cold for longer while transporting.
- Food that has been left in a car or at room temperature for a prolonged period of time could raise the food temperature to a dangerous level, which allows harmful bacteria to grow.
- Always unpack and place chilled food in the unit before storing dry food.

Tips for Keeping Food in the Unit and Saving Energy

- Cooked meats/fishes should always be stored on a shelf above raw meats/fishes to avoid bacterial transfer. Keep raw meats/fishes in a container which is large enough to collect juices and cover it properly. Place the container on the lowest shelf at the bottom of the fridge compartment.
- Leave space around your food, to allow air to circulate inside the compartments. Ensure all parts of the unit are kept cool, this will help to keep energy usage down.
- To prevent transfer of flavours and drying out, pack or cover the food separately. Fruit and vegetables do not need to be wrapped.
- Always let pre-cooked food cool down before you put in the unit. This will help to maintain the internal temperature of the unit and keep energy usage down.
- To prevent cold air escaping from the unit, try to limit the number of times you open the doors, this will help to keep energy usage down. We recommend that you only open the doors when you need to put food in or take food out.

Preparations for Freezing

- Use quality food and handle it as little as possible. Freeze food in small quantities as it freezes faster, takes less time to defrost and enables you to control the quantity you need better.
- Leave cooked food to cool completely. Chill food before freezing if possible.
- Consider how you will want to cook the food before freezing it.
- Don't freeze food in metal containers if you want to microwave it straight from the freezer.
- Use special freezer bags, freezer film, polythene bags, plastic containers, and aluminium foil (heavy duty grade only). If in doubt, double wrap your food. Don't use aluminium foil for acidic foods, e.g. citrus fruits. Don't use thin cling film, glass, or used food containers without cleaning.
- Exclude as much air from the container as possible. You could buy a special vacuum pump which sucks excessive air out of the packaging.
- Leave a small amount of air space when freezing liquids to allow expansion.
- You can use the space in the freezer most efficiently if you freeze liquids (or solids with liquids, e.g. stew) in square blocks. This is known as "Preforming". Pour the liquid into a polythene bag which is inside a square sided container. Freeze it, and then remove it from the container and seal the bag.



- Label your frozen foods as they will look the same when in frozen state. Use special fridge freezer tapes, labels and pens with different colours. This allows you to easily organise and to effectively use the freezer. Write the contents and date; otherwise the frozen food might exceed the storage time and this could cause food poisoning. Please refer to your food packaging for the recommended storage time.
- You may also add the weight and cooking notes, e.g. "defrost first", "cook from frozen" and keep a separate log of what is in each drawer. This will save opening the door and searching around unnecessarily.

Defrosting Frozen Food

1. Take the frozen food out from the freezer compartment and uncover the frozen food. Let it defrost at room temperature. Don't forget that defrosting in a warm area encourages the growth of bacteria and low temperature cooking may not destroy dangerous bacteria.
2. Drain off and throw away any liquid lost during defrosting.
3. Always make sure there are no ice-crystals in the food before cooking, particularly with meat. These crystals indicate that the food has not fully defrosted.
4. Cook food as soon as possible after defrosting.
5. Many microwaves and ovens have a defrost setting. To avoid bacterial build up, only use these if you intend to cook the food immediately afterwards.



Never refreeze anything that has been defrosted unless you cook it again, to kill off harmful bacteria. Never re-freeze defrosted shellfish. Re-seal packs properly after removing items. This prevents drying or freezer-burn and a frost build up on any remaining food.

Cleaning

Defrosting

The freezer compartments of this unit is frost free. With proper use, there should not be any frost accumulated.

However, in the case of improper use of the freezer compartments, frost might build up in the freezer compartments after the unit has been used for a period of time. Scrape away the frost using a plastic scraper (not included).

Do not use a metal or sharp instrument to scrape away the frost, nor should you use any electrical appliances to aid defrosting.

We recommend that defrosting should be carried out when the frost layer builds up to 3mm. This will minimise your energy consumption. Choose a time when the stock of frozen food is low, and follow these steps:

1. Take out the food, turn the unit off at the mains supply and leave the door open. Ideally, the frozen food should be put into another freezer. If this is not possible, wrap the food in several sheets of newspaper or large towels and then a thick blanket to keep it cool.
2. Place a shallow bowl or pan below the freezer compartment. Scrape away the frost using a plastic scraper. Defrosting the remaining frost can be speeded up by placing a bowl of hot water inside the freezer compartment and closing the door. As the solid frost loosens, scrape it away with the plastic scraper and remove.



3. When defrosting is complete, clean your unit's interior and exterior.

Cleaning the Interior and the Exterior of the Unit

- Remove all the shelves, drawers and salad bin before cleaning. To remove the salad bin first remove the lower fridge door shelf.
- Wipe the inside of the unit with a weak solution of bicarbonate soda and then rinse with warm water using a 'wrung-out' sponge or cloth. Wipe completely dry before replacing the shelves, drawers and salad bin.
- Use a damp cloth to clean the exterior, and then wipe with a standard furniture polish. Make sure that the doors are closed to avoid the polish getting on the magnetic door seals or inside the fridge/freezer compartments.

Cleaning Tips

Condensation may appear on the outside of the unit. This maybe due to a change in room temperature. Wipe off any moisture residue. If the problem continues, please contact a qualified technician for assistance.

Maintenance

Changing the Internal Light

The internal refrigerator light is a LED panel. To change the internal light, please contact qualified technician.

Care When Handling / Moving the Unit

Hold the unit around its sides or base when moving it.



Never place the unit in a horizontal position.

Servicing

The unit should be serviced by an authorised engineer and only genuine spare parts should be used. Under no circumstances should you attempt to repair the unit yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunction. Contact a qualified technician.

Switching Off for Long Periods of Time

When the unit is not in use for a long period of time, disconnect it from the mains supply, empty all food and clean the unit, leaving the door ajar to prevent unpleasant smells.

Disposal

Old units still have some residual value. An environmentally friendly method of disposal will ensure that valuable raw materials can be recovered and used again. The refrigerant used in the unit and insulation materials require special disposal procedures. Ensure that none of the pipes on the back of the unit are damaged prior to disposal.

Up to date information concerning options of disposing of your old unit and packaging from the new one can be obtained from your local council office.

When disposing of an old unit break off any old locks or latches and remove the doors as a safeguard.

Specifications

Model	**S60GW12 / S60GB13**
Appliance Category	Category 7 (Refrigerator – Freezer)
Overall Dimension (W x D x H)	1857 mm (H) x 595 mm (W) x 651 mm (D)
Fresh Food Storage Volume	225 L
Frozen Food Storage Volume	90 L ✳ ***
Defrosting Type	Frost Free
Climate Class	T
This appliance is intended to be used at an ambient temperature between 16°C and 43°C.	
Storage Temperature	Freezer: ≤ -18 °C, Fridge: 0-8 °C, average ≤ 4°C
Energy Consumption	0.83 kWh / 24hr
Energy consumption **305 kWh per year**, based on standard test results for 24 hours. Actual energy consumption will depend on how the appliance is used and where it is located.	
Airborne Acoustical Noise	45 dB
Energy Grading	A+
EU Ecolabel	N/A
Temperature Rise Time	14 hours
Freezing Capacity	7.5 kg/24h
Rated Voltage	220 V - 240V ~ 50Hz
Rated Current	0.7A

Features and specifications are subject to change without prior notice.

For general information about this appliance
and handy hints and tips, please visit
www.knowhow.com/knowledgebank or call **0844 5611234**.

Visit Partmaster.co.uk today for the easiest way to buy electrical spares and accessories. With over
1 million spares and accessories available we can deliver direct to your door the very next day.
Visit www.partmaster.co.uk or call 0844 800 3456 (UK customers only)
Calls charged at National Rate.



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU.

For more information, please contact the local authority or your retailer where you purchased the product.

DSG Retail Limited (Registered in England No. 504877), Maylands Avenue,
Hemel Hempstead, Hertfordshire HP2 7TG. UK

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