Instruction Manual

# Frost Free Fridge Freezer

SSC3ST12



Sandstrøm

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## Safety Warnings

For your continued safety and to reduce the risk of injury or electric shock, please follow all the safety precautions listed below.

- Read all instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party, make sure to include this manual.
- This appliance is intended for indoor household use and similar applications such as:
  - farm houses and by clients in hotels, motels and other residential type environment;
  - bed and breakfast type environment;
  - catering and similar non-retail applications.
- Ensure that the plug is easily accessible to enable disconnection from the mains supply.
- 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.
- Choose a location for your unit away from heat sources such as radiators or fires as refrigerant and vesicant are burnable.
- Do not damage the refrigerant circuit (The refrigerant is a very environmentally friendly gas but is also combustible. Take care when transporting or moving the unit to ensure that the refrigeration circuit is not damaged. In the event of damage avoid naked flames or ignition sources and ventilate the room in which the unit is placed for a few minutes.)
- The unit must be manoeuvred by a minimum of 2 persons.

- 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.
- Children should be supervised to ensure that they do not play with the unit.
- If your unit is fitted with a lock to prevent children being trapped inside, keep the key out of reach and not in the vicinity of the unit.
- Do not store volatile or flammable substances, such as aerosol cans with a flammable propellant, in the unit.
- Do not store bottles or glass containers in the freezer compartment. Contents can expand when frozen (fizzy drinks) which may break the bottle and damage your freezer compartment.

**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.

**Thank you** for purchasing your new Sandstrøm Fridge Freezer.

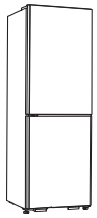
We recommend that you spend some time reading this instruction manual so that you fully understand all the operational features it offers.

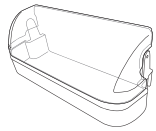
Read all the safety instructions carefully before use and keep this instruction manual for future reference.

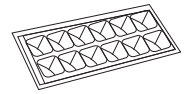
## Unpacking

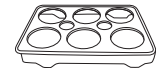
Remove all items from the packaging. Retain the packaging. If you dispose of it please do so according to local regulations.

The following items are included:

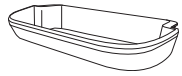

The Main Unit

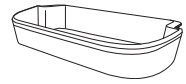

Fridge Flap Door Shelf x 1

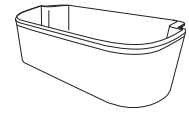

Ice Tray with Cover x 1


Egg Tray x 2

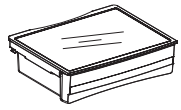

Adjustable Glass Shelf x 1

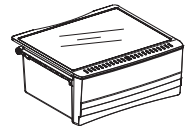

Small Fridge Door Shelf x 1


Middle Fridge Door Shelf x 2


Large Fridge Door Shelf x 1


Adjustable Glass Shelf with Wire Wine Holder x 1


Food Freshness Control Box with Cover x 1

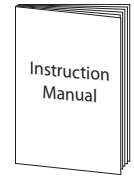

Salad Bin with Cover x 1


Butter Box with Cover x 1


Foldable Glass Shelf x 1


Small Freezer Drawer x 1


Large Freezer Drawers x 2



Instruction Manual

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

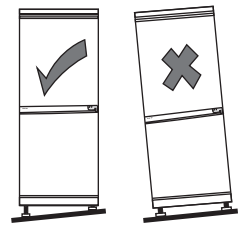
## Location

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. 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.

## Levelling the Unit

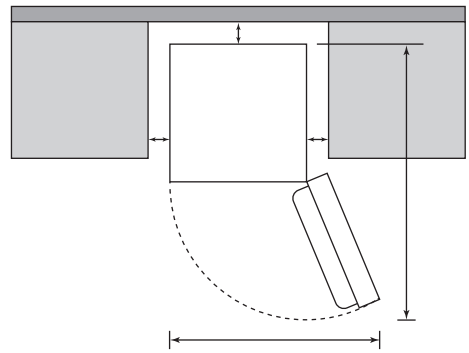
To do this adjust the two levelling feet at the front of the unit.

If the unit is not level, the doors and magnetic seal alignments will not be covered properly.



## Free Space Requirements

When installing the unit, ensure that 25 mm of free space is left at both sides, 50 mm at the rear of the unit and 100 mm at the top of the unit. The door can be opened to the right or the left, depending on which best suits the location. Please ensure there is adequate space for the door to fully open to 160°.

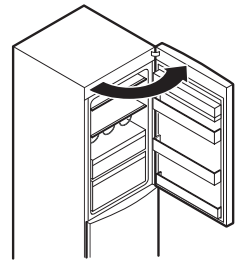


## Reversing the Door Swing

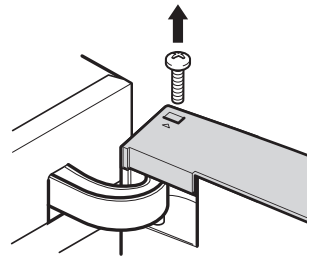
**Tools required:** Phillips style screwdriver / Flat bladed screwdriver / Hexagonal spanner

- Ensure the unit is unplugged and empty.
- To take the door off it is necessary to tilt the unit backwards. You should rest the unit on something solid, e.g. a chair just below the top panel.
- All parts removed must be saved to do the reinstallation of the door.
- Do not lay the unit flat as this may damage the coolant system.
- We recommend that 2 people handle the unit during assembly.
- 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.

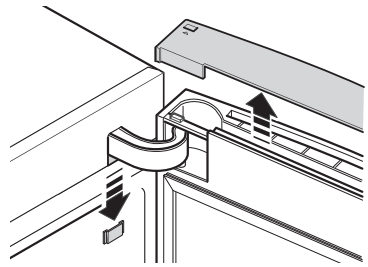
1. Open the refrigerator (upper) door.



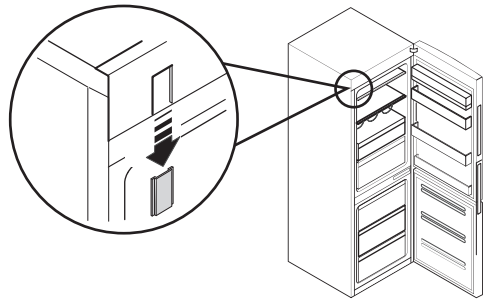
2. Unscrew the 2 screws on top of the upper door.



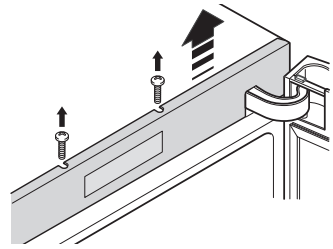
3. Lift off the upper door cover and remove the small cover clip from the unit's control panel cover (as shown).



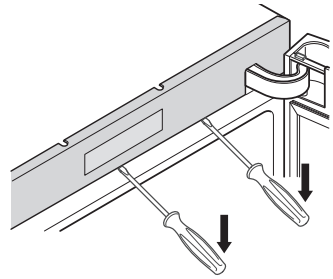
4. Use a screwdriver to help prise the cover clip out of the control panel cover on the opposite side (as shown).



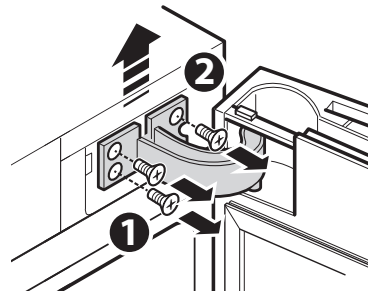
5. Unscrew the 2 screws at the top of the control panel cover.



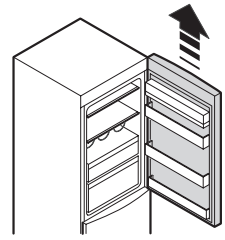
6. Use 2 screwdrivers to help prise off the control panel cover.



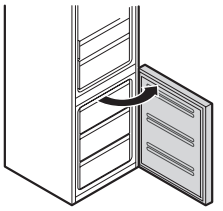
7. Unscrew all the screws from the upper door hinge. Lift the hinge to remove.



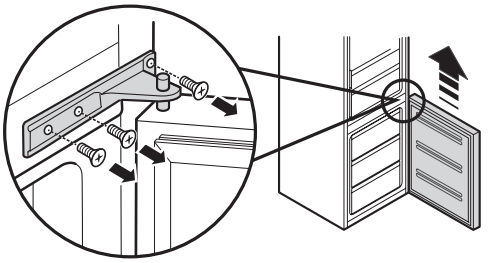

8. Slide the upper door upwards to remove. Place it on a padded / cushioned surface to prevent scratching / damage.



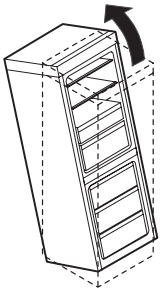
9. Open the freezer (lower) door.



10. Unscrew all the hinge screws. Lift the door upwards to remove. Place it on a padded / cushioned surface to prevent scratching / damage.

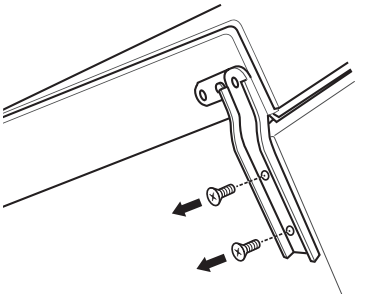


11. Tilt the unit backwards to access the bottom hinge of the appliance.

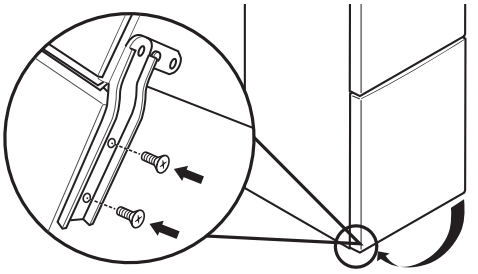


Two or more people are required to carry the fridge freezer.

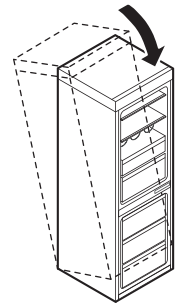
12. Remove all screws from the bottom hinge.



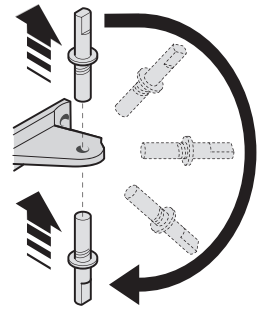
13. Swap the bottom hinge to the other side of the appliance and secure with the screws.



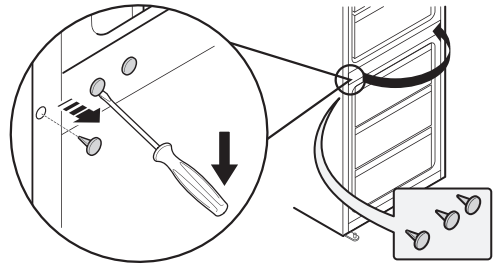
14. Tilt the appliance upright again.



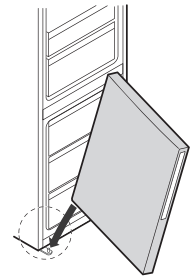
15. From the lower door, remove the middle hinge, then remove the middle pin. Use pliers to help remove the pin from the hinge, then turn the pin upside down (180˚). Resinsert the pin into the hinge from the underside (as shown).



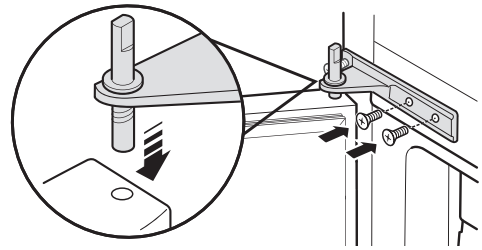
16. On the unit, prise off the middle-bar screw caps. Move them to the opposite side of the middle bar.



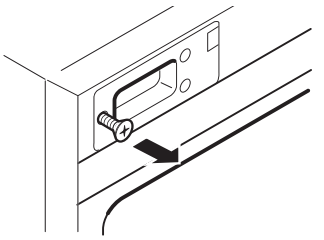
17. Fit the lower door onto the lower hinge.



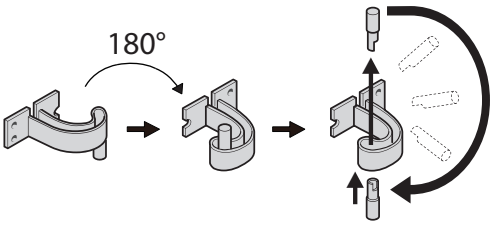
18. Turn the middle hinge upside down (180˚) and fit onto the lower door. Screw securely to the lower door and the middle bar of the unit.



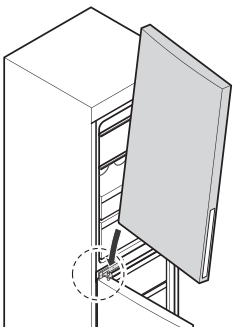
19. At the top of the unit, loosen the screw in the notch at the top corner opposite the original hinged side.



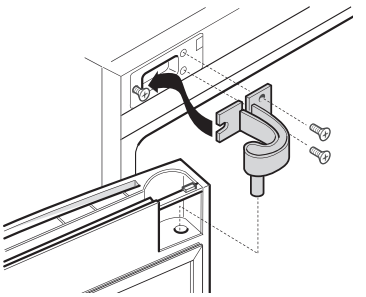
20. Turn the upper hinge upside down (180˚). Turn the pin upside down (180˚) and reinsert into the hinge from the underside (as shown).



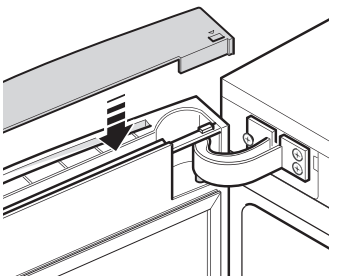

21. Fit the upper door onto the middle hinge.



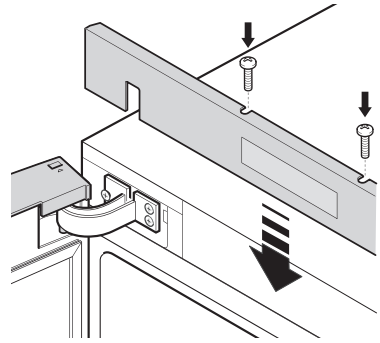
22. Slot the upper hinge into the upper door, then into the unit's hinge notch where you previously loosened the screw. Secure the hinge to both the door and the unit with the screws.



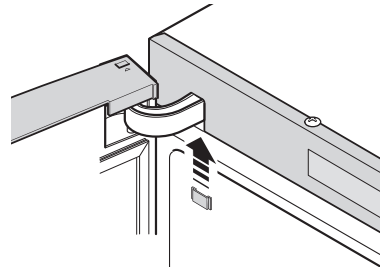
23. Snap the upper door cover back onto the top of the upper door.



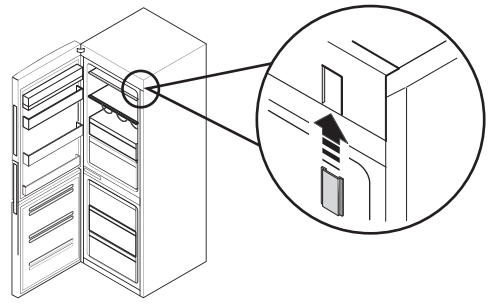
24. Slot and click the control panel cover back into place. Secure with 2 screws.



25. Slide and snap into place the small cover clip (as shown).



26. On the opposite side to the newly-positioned hinge, slot and click the large cover clip into place (as shown).



## 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.

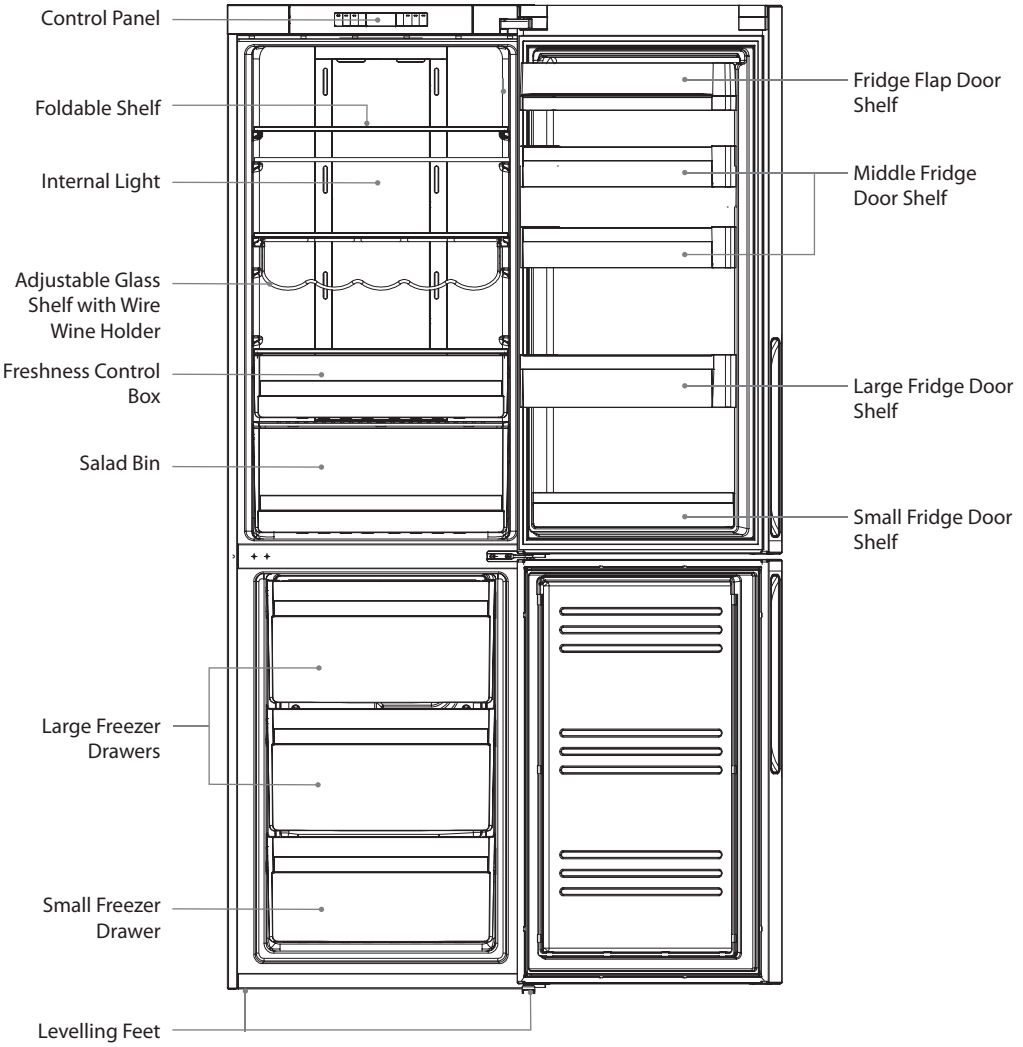
If you require more information refer to the **Cleaning** section.

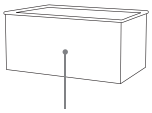
- **Before Plugging in YOU MUST**
  Check that you have a socket which is compatible with the plug supplied with the unit.
- **Before Turning On!**
  Do not turn on until six hours after moving the unit. The coolant fluid needs time to settle.

## Before Using Your Unit

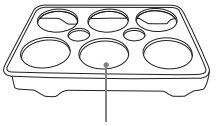
Before placing any food in your unit, turn it on and wait for 24 hours, to make sure it is working properly and to allow it time to fall to the correct temperature. Your unit should not be overfilled.

# Product Overview

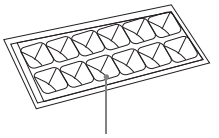


Butter box



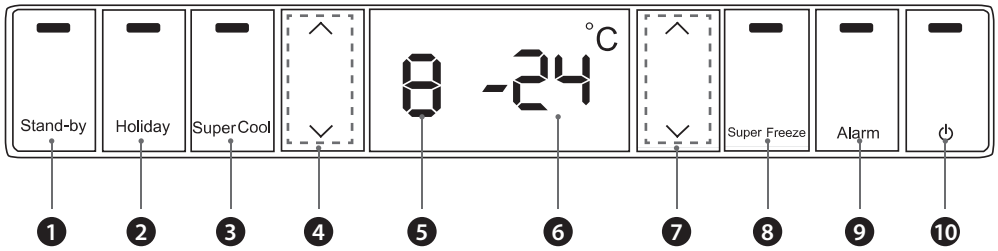
Egg Tray



Ice Tray

## Display and Control Panel

The control panel is located on the top edge of the fridge. Note that you must open the fridge door to see the panel. Please see below for the details:



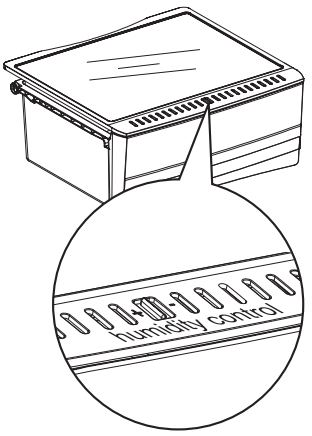

1. **Stand-by Button**
   Switch On/Off the fridge storage compartment.
2. **Holiday Button**
   Operate at a relatively high temperature in Holiday mode.
3. **Super Cool Button**
   Lower the fridge temperature to the required level.
4. **Fridge Temperature Control Button**
   Decrease / increase the fridge storage compartment temperature to between 2°C and 8°C.
5. **Fridge Storage Compartment Temperature Display**
6. **Freezer Storage Compartment Temperature Display**
7. **Freezer Temperature Control Button**
   Decrease / increase the freezer storage compartment temperature to between –16°C and –24°C.
8. **Super Freeze Button**
   Lower the freezer temperature to the required level.
9. **Alarm Button**
   Mute the buzzer.
10. **Power ON/OFF Button**
    Switch the unit On/Off.

- The set temperatures will show on the display after they have been set. The set temperature of the fridge compartment will be displayed on the left hand side and the set temperature of the freezer compartment will be displayed on the right hand side.
- 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 temperature difference and the type and amount of food stored in the compartments.
- The LED display will turn off automatically 1 minute after an operation is finished. It can be turned on again by opening the door or pressing any key. (The alarm does not light up the display screen.)

# Fridge Storage Compartment

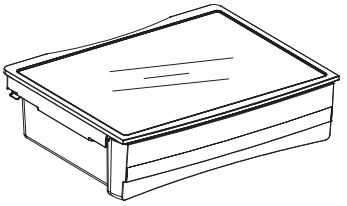
## Salad Bin

- Sliding the humidity control button rightward enables the salad bin to maintain a higher humidity suitable for cucumbers, grapes, Chinese gooseberries, persimmons, etc.
- Sliding the humidity control button leftward enables the crisper to maintain a lower humidity suitable for strawberries, oranges, beans, garlic, watermelon, plums, tomatoes, etc.




## Food Freshness Control Box

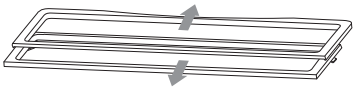
The temperature in this box is kept at approx. 0°C, it may slightly change due to the different ambient temperature or refrigerator working style. It is suitable for storing fresh fish, meat and cooked food for 1~2 days.



## Foldable Glass Shelf

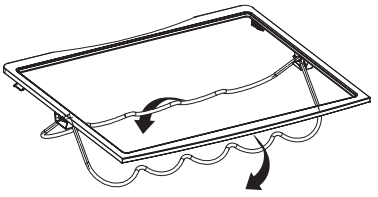
Short food containers can be placed on the extended front panel of the foldable glass shelf. The back panel can support taller food containers.

To extend the shelf, simply push the upper part upwards, and pull the lower part inward in the direction of the arrow shown in the figure.



## Wire Wine Holder

The wire wine holder can hold various sizes of bottles of wine. Pull the wire down to open the wine holder. The maximum load of the bottle holder is 10kg.



Do not allow the wire wine rack/holder to snap down or up, as this will risk damaging the attached glass shelf.

# Operation

## First Time Use

When the refrigerator is powered on for the first time, the power indicator and the fridge storage compartment indicator will light up. The fridge storage temperature will be displayed as "-" and the freezer storage temperature will be displayed as"- -" due to high temperature inside each compartment. The buzzer will beep. Press the **Alarm** button to silence the buzzer. After the temperature decreases to a certain level, the displayed temperatures of the fridge and the freezer storage compartments will return to ex-factory settings 5°C and –18°C respectively.

## Temperature Setting

- **Setting the Fridge Temperature**
  1. Temperature range: 2°C to 8°C.
  2. Press the **Fridge Temperature Control** ∧∨ button (on the left hand side of the LED display panel) to adjust the temperature.
- **Freezer Temperature Setting**
  1. Temperature range: –16°C to –24°C.
  2. Press the **Freezer Temperature Control** ∧∨ button (on the right hand side of the LED display panel) to adjust the temperature.

The setting will be automatically confirmed after 5 seconds or by pressing any button.

## Super Cooling

- Press the **Super Cooling** button, the indicator will light up. This function will automatically deactivate when the fridge storage temperature decreases to the required level.

If the temperature in the fridge storage compartment is too low, the super-cooling function may not work. When you press the **Super Cooling** button once, the buzzer will beep and the Super Cooling indicator will not blink.

- Press the **Super Cooling** button again to deactivate.

## Super Freezing

- Press the **Super Freeze** button and the indicator will illuminate. This function will automatically deactivate after 56 hours.
- Press the **Super Freeze** button again to deactivate.

If you are freezing large quantities of food in the freezer compartment, switch on super freezing 24 hours before the food is placed in the freezer compartment.

## Holiday Function

- Press the **Holiday** button to activate a high temperature in Holiday mode. The indicator will illuminate and the fridge storage temperature display will show "–".
- Press the **Holiday** button again, the indicator will switch off and the refrigerator will return to normal.

In Holiday refrigeration mode, the temperature is set to 17°C. The unit will return to the previous temperature when Holiday mode is cancelled.



Please remove all fresh food in the refrigerator and close the door before activating this function.

## Alarm

- **Door Opening Alarm**

  The buzzer will sound when the fridge door is left open for over 3 minutes and it will not stop until the door is shut. If the fridge door is continuously open, the buzzer will sound every 30 seconds. Press the **Alarm** button to stop the alarm. If the door is open for over 1 minute, the LED display will turn off. Press any button to switch it on again. If the door is open for over 7 minutes, the internal light will turn off automatically.

- **Overheating Alarm**

  When the freezer temperature is higher than –5°C, the alarm indicator will illuminate solid and the buzzer will beep once every second. Press the **Alarm** button to stop the alarm. Note that the alarm will automatically stop when the temperature is below –5°C.

## Setting Standby Mode for the Fridge Storage Compartment

Press and hold the **Stand-by** button for 3 seconds, the indicator and the fridge storage compartment temperature will turn off. The freezer storage compartment will continue to operate normally.

Press and hold the **Stand-by** button for 3 seconds again, the fridge storage compartment will return to normal operations.

## Turning Off Refrigeration

- Press and hold the ⏻ button for 3 seconds. The power indicator and the display panel will go off. The refrigerator will stop operating.
- To restore this function, press and hold the ⏻ button for 3 seconds.

## Fault Indication

- When the temperature shows E or F, it means this unit has a fault. Please call for technical service as soon as possible. Note that the refrigeration function can still operate.

## 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!

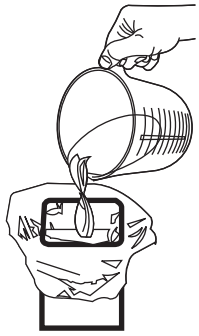
These noises are caused by the circulation of the refrigerant liquid in the cooling system. It has become more pronounced since the introduction of CFC free gases. This is not a fault and will not affect the performance of your unit. This is the compressor motor working, as it pumps the refrigerant around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

## Tips for Keeping Food in the Unit

- 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.
- 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 it put in the unit. This will help to maintain the internal temperature of the unit.
- To prevent cold air escaping from the unit, try to limit the number of times you open the doors. 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 may 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 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 unit 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 out 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

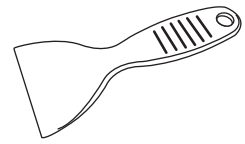
The freezer compartments of this unit is frost free. With proper use, there should not be any frost accumulated.

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 10mm (~0.39”). 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.
- The grille of the condenser at the back of the unit and the adjacent components can be vacuumed using a soft brush attachment.

# Maintenance

## Changing the Internal Light

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

## Care When Handling / Moving the Unit

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

## 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.

## Condensation

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

# 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** | **SSC3ST12** |
| **Appliance Category** | Category 7 (Refrigerator – Freezer) |
| **Overall Dimension (W x D x H)** | 595 x 670 x 2000 |
| **Fresh Food Storage Volume** | 260L |
| **Frozen Food Storage Volume** | 80L ✳ *** |
| **Defrosting Type** | Frost Free |
| **Climate Class** | SN, N, ST, T |
| This appliance is intended to be used at an ambient temperature between 10°C and 43°C. | |
| **Storage Temperature** | Freezer: ≤ -18 °C,<br>Fridge: 0-8 °C, average ≤ 4°C<br>Freshness Control Box: -2°C - +3°C |
| **Energy Consumption** | 0.900 kWh / 24hr |
| Energy consumption **328 kWh per year**, based on standard test results for 24 hours.<br>Actual energy consumption will depend on how the appliance is used and where it is located. | |
| **Airborne Acoustical Noise** | 42dB |
| **Energy Grading** | A+ |
| **EU Ecolabel** | N/A |
| **Temperature Rise Time** | 13 hours |
| **Freezing Capacity** | 11kg/24h |
| **Rated Voltage** | 220 - 240V~ 50Hz |
| **Rated Current** | 1.5A |

Features and specifications are subject to change without prior notice.

eco ideas

| | Normal energy consumption | Increased energy consumption |
|---|---|---|
| **Installation site** | In a ventilated room.<br>Protected from direct sunlight.<br>Not situated near to a heat source (radiator, oven).<br>Where the ideal ambient room temperature is approx 20°C. | In an enclosed, unventilated room.<br>In direct sunlight.<br>Situated near to a heat source (radiator, oven).<br>Where there is a high ambient room temperature. |
| **Use** | Only open the doors when necessary and for as short a time as possible.<br>Store food in an organised way.<br>Allow hot food and drinks to cool down before placing them in the unit.<br>Store food covered or packaged.<br>Do not over-fill the unit to allow air to circulate. | Frequent opening of the doors for long periods will cause a loss of coldness.<br>If food is not stored in an organised way, searching for an item will mean the door is open for longer.<br>Placing hot food in the unit will cause the compressor to run for a long time, as the unit will have to work harder to lower the temperature.<br>The evaporation or condensation of liquids will cause a loss of coldness in the unit. |
| **Defrosting** | Defrost the freezer compartment when a layer of ice 1 cm thick has built up. | A layer of ice hinders the cold from reaching the frozen food, and causes an increase in energy consumption. |

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

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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 Ltd. (co. no. 504877)
Maylands Avenue, Hemel Hempstead, Herts., HP2 7TG, UK.

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