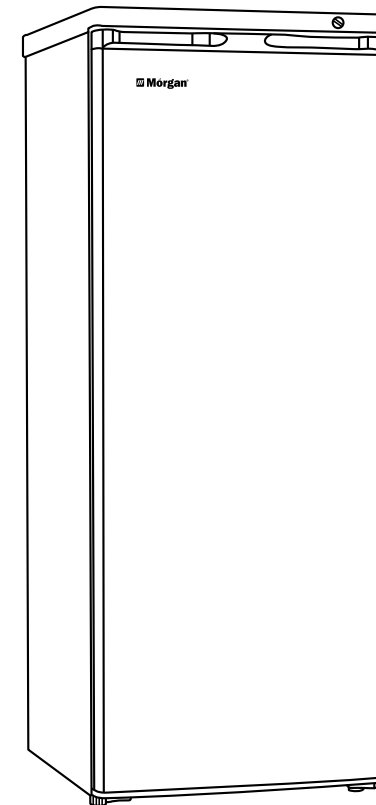


# **Mórgan®**

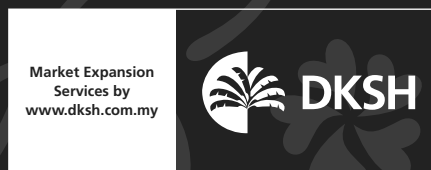
## USER MANUAL



# Upright Freezer

MUF-DC168

# **Mórgan®**



E-mail: [electrical.appliance@dksh.com](mailto:electrical.appliance@dksh.com)  
[www.morgan.my](http://www.morgan.my)

 [facebook.com/morganappliances](https://www.facebook.com/morganappliances)

Thank you for purchasing a quality MORGAN appliance. We trust that you will have a pleasant experience with your new product. To guarantee safety and best efficiency, please read this manual carefully and keep a copy for future reference.

# C O N T E N T S

## IMPORTANT SAFEGUARDS

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**Please read this instruction carefully. It is advisable to keep this instruction manual in a safe place for future reference.**

- 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 should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be performed by children unless they are aged from 8 years and above and supervised.
- Keep all packaging well away from children as there is risk of suffocation.
- If you are discarding the appliance, detach the power plug out from the power supply, cut the connection cable (as close as possible to the appliance) and remove the door to expose playing children to the risk of electric shock or to trap themselves in it.
- If this appliance features magnetic door seals, it is to replace an older appliance with a spring lock (latch) on the door or lid. Ensure that the spring is rendered unusable before discarding the old appliance. This will prevent it from becoming a death trap for a child.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance. The refrigerant isobutane (R600-a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.
- Ensure that none of the refrigerant circuit components are damaged during transportation and installation.
- Avoid open flames and sources of ignition and thoroughly ventilate the room in which the appliance is situated
- It is dangerous to alter the specifications or modify this product in any way. Any damage to the power cord may cause a short circuit, fire and/or electric shock.
- This appliance is intended to be used in household and similar applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses and by clients in hotels, motels and other residential type environments;- bed and breakfast type environments;
  - catering and similar non-retail applications.
- Power cord must not be lengthened.
- Ensure that the power plug is not squashed or damaged by the back of the appliance as this may cause the appliance to overheat and spark a fire.
- Ensure that there is easy accessibility of the appliance to connect to the power supply.

## IMPORTANT SAFEGUARDS

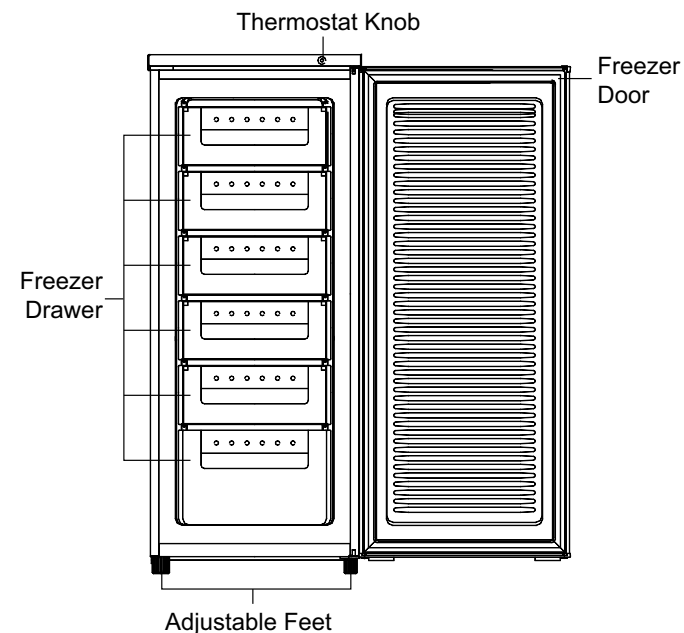
- Do not yank on the power cord. Instead, grip on the power plug to detach from the power supply.
- Do not insert the power plug into the power supply if it is loose. There is a risk of electric shock or fire.
- CAUTION: This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment with damp/wet hands as this could cause skin abrasions or frost/freezer burns.
- Do not expose the appliance to direct sunlight.

## GENERAL SAFETY INFORMATION

The **WARNING** symbol accompanying the following general safety information indicates that there are important operating and maintenance instructions to adhere to.

1. Read the following instructions carefully.
2. Keep these instructions.
3. Heed and follow all instructions.
4. Keep ventilation openings in the appliance enclosure or in the built-in structure free from obstructions.
5. Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
6. Do not damage the refrigerant circuit.
7. Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.
8. When positioning the appliance, ensure the power cord is not trapped or damaged.
9. Do not place multiple portable power outlets or portable power suppliers at the rear of the appliance.
10. Any electrical components (power plug, power cord, compressor and the like) must be replaced by an authorized service agent or qualified service personnel..

## PARTS IDENTIFICATION



## SPECIFICATIONS

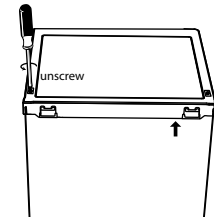
<b>MODEL NO.</b>	<b>MUF-DC168</b>
<b>RATED VOLTAGE</b>	<b>220-240V~</b>
<b>FREQUENCY</b>	<b>50Hz</b>
<b>RATED WATTAGE</b>	<b>130W</b>
<b>CAPACITY</b>	<b>163L</b>

## REVERSE DOOR

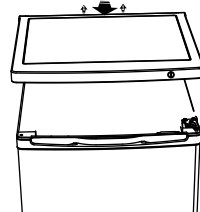
**Tools required: Philips screwdriver, Flat bladed screwdriver, Hexagonal spanner.**

- Ensure the unit is disconnected from the power supply and empty of contents.
- It is necessary to tilt the unit backwards to detach the door. Preferably rest the unit on a solid object so that it will not slip during the door reversing process.
- All parts removed must be saved for the door reinstallation process later.
- Do not lay the unit flat as this may damage the coolant system.
- It is recommended that 2 people handle the unit during assembly and disassembly.

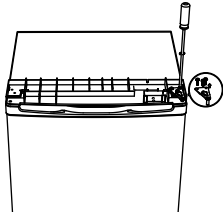
1. Remove two screws at rear side of top cover.



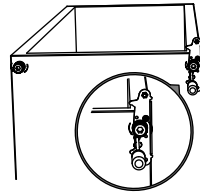
2. Remove top cover and thermostat knob, then place it aside.



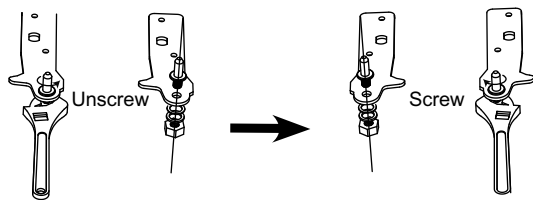
3. Unscrew top hinge and remove door. Place it on a soft pad to avoid scratches.



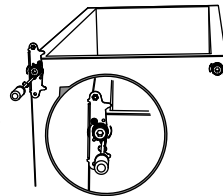
4. Unscrew bottom hinge. Then remove the adjustable feet from both sides.



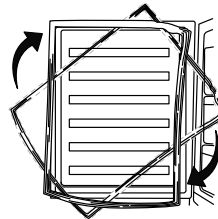
5. Unscrew and remove the bottom hinge pin, then turn the bracket over and replace it.



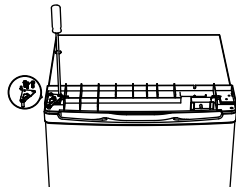
6. Refit the bracket fitting the bottom hinge pin. Replace both adjustable feet.



7. Detach the fridge and freezer door gaskets and reassemble them back after rotation.

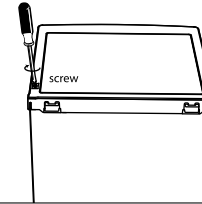


8. Reassemble the door. Ensure door is horizontally and vertically aligned so that the seals are closed on all sides before finally tightening the top hinge.

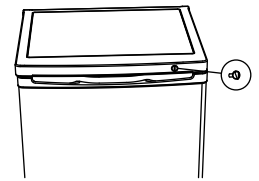


## REVERSE DOOR

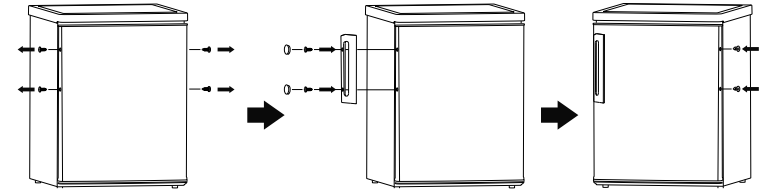
9. Place the top cover on and secure with 2 screws at the back.



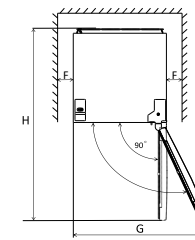
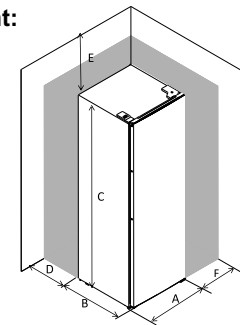
10. Reinstall the thermostat knob.



### DOOR HANDLE INSTALLATION



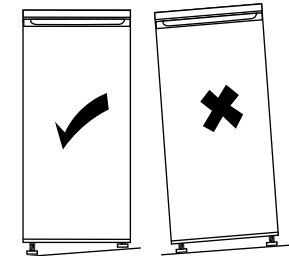
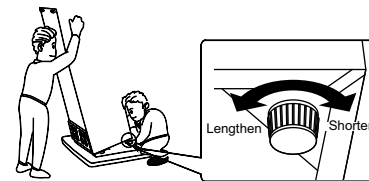
**Space requirement:**  
Ensure adequate space for door to swing open



A	550
B	580
C	1420
D	min=0
E	min=50
F	
G	1100
H	1130

### LEVELLING THE APPLIANCE

- Adjust the two levelling feet at the front of the appliance.
- If the appliance is not levelled, the doors and magnetic seals will not be covered properly.



## IMPORTANT!

- For electrical connection carefully follow the instructions given in specific paragraphs.
- Unpack the appliance and inspect for damage.
- Do not connect the appliance to the power supply if it is damaged in any way. Report possible damages immediately to the place you purchased it and retain the packaging.
- It is advisable to wait at least eight hours before connecting the appliance to the power supply to allow the oil to flow back into the compressor.
- Ensure adequate air circulation around the appliance. Inadequate air circulation can lead to overheating.
- To achieve sufficient ventilation, follow the instructions relevant to installation.
- Wherever possible, the spacers of the appliance should be placed against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burns.
- The appliance must not be located close to radiators or cookers.
- Ensure that the power plug is accessible after the installation of the appliance.

## SERVICE

- Any electrical and/or servicing work should be performed only by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Center, and only genuine spare parts must be used.

## ENERGY SAVING

- Do not place hot food into the appliance.
- Do not pack food close together as this prevents air from circulating optimally.
- Ensure food does not touch the back of the compartment(s).
- Do not open or the doors ajar in the event of a power outage.
- Do not open the door frequently.
- Do not leave the doors ajar for too long.
- Do not set the thermostat to exceedingly cold temperatures.
- All accessories, such as drawers, shelves should be left inside for lower energy consumption.

## POSITIONING

**Install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the appliance's rating plate.**

### For refrigerating appliances with climate class:

- Extended temperature: this refrigerating appliance is intended to be used at ambient temperatures ranging from 10°C to 32°C (SN).
- Temperature: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16°C to 32°C (N).
- Subtropical: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16°C to 38°C (ST).
- Tropical: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16°C to 43°C (T).

## LOCATION

The appliance should be installed away from heat sources such as radiators, boilers, direct sunlight and so forth. Ensure that air can circulate freely around the back of the cabinet. To ensure best performance, the minimum distance between the top of the cabinet and the wall unit must be at least 50mm if the appliance is positioned below an overhanging wall unit. Ideally, the appliance should not be positioned below overhanging wall units. accurate levelling is ensured by one or more adjustable feet at the base of the cabinet.

Warning! It must be possible to disconnect the appliance from the power supply by ensuring the power plug is accessible at all times after installation.

This refrigerating appliance is not intended to be used as a built-in appliance.

## ELECTRICAL CONNECTION

Before connecting to the power supply, ensure that the voltage and frequency indicated on the rating plate corresponds to your domestic power supply. This appliance must be earthed by contact a qualified electrician for earthing connection.

## FIRST USE

### CLEANING THE INTERIOR

Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand new product, then dry thoroughly.

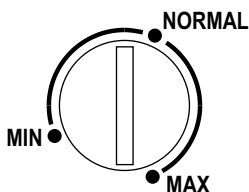
Important! Do not use detergents or abrasive cleansing agents, as these will damage the finishing.

### TEMPERATURE SETTINGS

Power on the appliance. The internal temperature is controlled by a thermostat. There are 3 temperature settings:

- MIN, NORMAL and MAX.
- MIN is warmest setting and MAX is coldest setting.

The appliance may not operate at the correct temperature if it is located in a particularly hot area or if the door is opened frequently.



## DAILY USE

- Two-star frozen-food compartments (if present in the appliance) are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.
- One-, two- and three-star compartments (if present in the appliance) are not suitable for freezing fresh foods.
- If the appliance is left empty for long durations, switch off, defrost, clean, dry and leave the door open to prevent mould from growing within the appliance.

### FREEZING FRESH FOOD

- The freezer compartment is suitable for freezing fresh food and storing frozen and deep-frozen food for a long time.
- Place the fresh food to be frozen in the bottom compartment.
- The maximum amount of food that can be frozen in 24 hours is specified on the rating plate.
- The freezing process lasts 24 hours. Do not add other food to be frozen during this period.

### THAWING

- Deep-frozen or frozen food, prior to be used, can be thawed in the fridge compartment or at room temperature, depending on the time available for this operation.
- Small pieces may even be cooked still frozen, directly from the freezer. However, cooking will take longer.

### ICE CUBES

- This appliance may be equipped with one or more trays for the production of ice cubes.

### HELPFUL HINTS AND TIPS FOR FREEZING

Here are some helpful hints to make the most of the freezing process:

- The maximum quantity of food which can be frozen in 24 hours is shown on the rating plate.
- The freezing process takes 24 hours. No further food should be added for freezing during this period.
- Only freeze top quality, fresh and thoroughly cleaned, foodstuffs.
- Prepare food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required.
- Wrap food in aluminium foil or polythene and make sure they are airtight.
- Do not allow fresh, unfrozen food to contact with already frozen foods to avoid a rise in temperature of the latter.
- Lean foods store better and longer than fatty ones as salt reduces the storage life of food.
- Iced water, if consumed immediately after removing from the freezer compartment, can possibly cause the skin to be freeze burnt.
- It is advisable to show the freeze-in date on each individual pack to keep tab of the storage duration.

## DAILY USE

### SAFETY INFORMATION

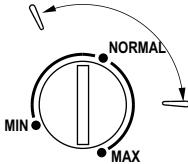
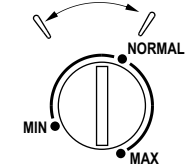
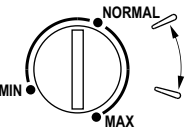
- Do not put hot plastic parts into the appliance.
- Do not place food products directly against/on the rear wall.
- Frozen food must not be refrozen once it has been thawed out.
- Store pre-packed frozen food in accordance with the frozen food manufacturer's instructions.
- Appliance manufacture's storage recommendations should be strictly adhered to. Refer to relevant instructions.
- Do not place carbonated or fizzy drinks in the freezer compartment as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.
- Ice lollies may cause frost burns if consumed directly from the appliance.
- To avoid food contamination, please respect the following instructions
- Opening the door for long durations can cause a significant increase of the temperature in the compartments of the appliance.
- Clean surfaces that come into contact with food and accessible drainage systems regularly.
- Clean water tanks if they have not been used for 24 hours by flushing the water system connected to a water supply if water has not been drawn for 5 days.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

## STORING FROZEN FOOD

Allow the appliance to operate for at least 2 hours on the highest setting upon initial start-up or after a period of non-operation before putting foods to be frozen into the compartment.

Important! In the event of accidental defrosting, for example the power has been off for longer than the value shown in the technical characteristics chart under “rising time”, defrosted food must be consumed or cooked immediately and then re-frozen (after cooking).

### RECOMMENDED TEMPERATURE SETTINGS

Environment Temperature	Freezer Compartment	Fridge Compartment
Summer		/
Normal		/
Winter		/

## IMPACT ON FOOD STORAGE

Best freezer storage time should not exceed 1 month under recommended setting. Best freezer storage time may reduce when other settings are selected.

**For hygienic reasons the appliance interior, including interior accessories, should be cleaned regularly.**

- Before maintenance, switch off the appliance and disconnect the power plug from the power supply.
- Remove foods from the freezer and store them in a cool, well-covered place.
- **IMPORTANT!** Ethereal oils and organic solvents can attack plastic parts, such as lemon juice or the juice from orange peel, butyric acid, or cleansers that contain acetic acid. Do not allow such substances to come into contact the appliance parts.
- Do not use any abrasive cleaners.
- Clean the appliance and the interior accessories with a cloth and lukewarm water. Wipe with water and allow to dry.
- Do not clean the appliance with metal objects.
- Do not use sharp objects to remove frost from the appliance. Use a plastic scraper instead.
- Regularly examine the drain in the refrigerator for defrosted water. If necessary, clean the drain.
- If the drain is obstructed, water will collect in the bottom of the appliance.  
**Note:** Accumulation of dust at the condenser increases energy consumption. For this, reason carefully clean the condenser at the back of the appliance once a year using a soft brush or a vacuum cleaner.

## DEFROSTING THE FREEZER

- The freezer compartment will become progressively covered with frost. This should be removed.
- Never use sharp metal tools to scrape off frost from the evaporator as you could damage it.
- However, when the ice becomes very thick on the inner liner, complete defrosting should be carried out as follows:
  - Power off and disconnect power plug from the power supply.
  - Remove all stored food, wrap it in several layers of newspaper and put it in a cool place.
  - Keep the door open and place a basin beneath the appliance to collect the defrosted water.
  - When defrosting is completed, dry the interior thoroughly
  - Connect power plug into the power supply to begin operating the appliance again.

**CAUTION! Before troubleshooting, disconnect the appliance from the power supply. Only a qualified electrician or similarly competent person should perform the troubleshooting not listed in this manual.**

**Note: Sounds during normal use are from the compressor and refrigerant circulation.**

PROBLEM	POSSIBLE CAUSES	SOLUTION
Appliance not working	<ul style="list-style-type: none"> <li>• Power plug not connected to the power supply or is loose.</li> <li>• Fuse is blown or damaged.</li> <li>• Power supply socket is damaged</li> </ul>	<ul style="list-style-type: none"> <li>• Connect power plug into power supply. Ensure connection is secure.</li> <li>• Inspect fuse &amp; replace if necessary.</li> <li>• Repair power supply socket by qualified persons.</li> </ul>
Appliance freeze	<ul style="list-style-type: none"> <li>• Temperature set too cold or temperature setting set to MAX.</li> </ul>	<ul style="list-style-type: none"> <li>• Select a warmer setting over-temporarily.</li> </ul>
Food not frozen enough	<ul style="list-style-type: none"> <li>• Temperature not adjusted correctly.</li> <li>• Appliance left ajar too long.</li> <li>• Large quantity of warm food stored inside in the last 24 hours.</li> <li>• Appliance placed near a heat source.</li> </ul>	<ul style="list-style-type: none"> <li>• Refer to “temperature setting” section of this manual.</li> <li>• Only open the door when necessary.</li> <li>• Select a colder temperature temporarily.</li> <li>• Refer to the “location” section of this manual.</li> </ul>
Heavy build-up of frost on door seal	<ul style="list-style-type: none"> <li>• Door seal is not air-tight</li> </ul>	<ul style="list-style-type: none"> <li>• Use a hairdryer on cool setting to carefully warm the leaky sections of the door seal &amp; shape the warmed door seal by hand so that it seals completely.</li> </ul>
Unusual noises	<ul style="list-style-type: none"> <li>• Appliance not placed on levelled surface.</li> <li>• Appliance touching the wall or other objects.</li> <li>• A component (or a pipe) is touching another part of the appliance or the wall.</li> </ul>	<ul style="list-style-type: none"> <li>• Readjust the feet.</li> <li>• Move the appliance slightly.</li> <li>• If necessary, carefully bend the component out of the way.</li> </ul>

**Repairs carried out by inexperienced persons may cause injury or serious malfunction. Contact a qualitative technician.**

**Contact the service center if any of the malfunction occur again.**

This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance should not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases and the appliance shall be disposed according to the appliance regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially the heat exchanger.

The materials used on this appliance marked by the symbol are recyclable.

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead, it should be taken to the appropriate 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 council, your household waste disposal service or the shop where you purchased the product.

### PACKAGING MATERIALS

The materials with the symbol are recyclable.

Dispose the packaging in a suitable collection container to recycle it. Disposal of the appliance

1. Disconnect the power plug from the power supply socket.
2. Cut off the power cord and discard it.

**WARNING! During using, service and disposal the appliance, please pay attention to symbol similar as left side, which is located on the rear of appliance (rear panel or compressor) and with yellow or orange color.**

**Its risk of fire warning symbol. There are flammable materials in refrigerant pipes and compressor.**

**Please be far away from fire source during using, service and disposal.**