



**Side by Side Refrigerator**

**USER MANUAL**

**MSS580S**  
**MSS580W**





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# SAFETY INFORMATION

Congratulations on your new Midea fridge. This manual contains important information on the installation, use and care of your appliance. Please read this manual carefully before use. Follow instructions and keep the manual for future reference.

The appliance is specifically constructed for domestic use and is therefore suitable for the refrigeration and storage of fresh and frozen food and the production of ice-cubes. The appliance has not been designed or manufactured for professional use. Midea declines all responsibility for damage deriving from improper use of the appliance. The refrigerator has undergone the necessary tests on the tightness of the refrigeration circuit and complies with the safety regulations.



## WARNING

The WARNING symbol indicates information that concerns your personal safety



## CAUTION

The CAUTION symbol indicates information on avoiding damage to the appliance



## R600a WARNING LABEL

### R600a Refrigerant Warning



- This appliance contains a small quantity of flammable, non-synthetic R600a refrigerant.
- Ensure that the tubing of the refrigerant circuit is not damaged during transportation and installation.
- Ensure careful installing, handling and disposing to avoid safety hazards. If accidental damage occurs, keep the appliance away from open fires or devices that produce sparks, unplug the appliance and call an authorised service agent. Thoroughly ventilate the room in which the appliance is situated for several minutes.
- Leaking refrigerant may cause eye injuries or could ignite.
- Hydrocarbon refrigerants have excellent refrigerant properties, minimal global warming potential and no ozone depletion potential.
- Hydrocarbon refrigerants cannot be 'retrofitted' to an appliance that has not been designed and approved to use that type of refrigerant.
- The room for installing the appliance must be at least 1m<sup>3</sup> per 8g of refrigerant. The amount of refrigerant in the appliance can be found on the rating plate attached to the appliance.

# SAFETY INFORMATION

## Safety Precautions

- The refrigerator is designed to operate on a single phase power supply within a voltage range of 220-240V/50Hz.
- Do not allow any sharp objects to come in contact with the refrigerant system to avoid damage to the refrigerant circuit.
- This product is for indoor use only.
- Do not place electrical items or cooking equipment nearby. Keep away from substances which could cause ignition and ensure good ventilation is always available.
- Do not use electrical appliances inside the food storage compartments of the appliance unless they are the type recommended by the manufacturer.
- Do not place objects on top of the appliance which are magnetic, heavy or filled with water.
- If the supply cord is damaged, it must be replaced by authorised Midea service personal, service agent or similarly qualified persons in order to avoid a hazard.
- Do not store flammable, explosive, volatile and highly corrosive materials in the refrigerator. Containers with flammable gases or liquids can leak at low temperature. There is a risk of explosion or fire.
- Do not splash water on the appliance. It may cause malfunction or electric shock.
- Do not place or operate any electrical appliance in the refrigerator.
- Always switch off and unplug the appliance before cleaning.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## Safety of children



WARNING

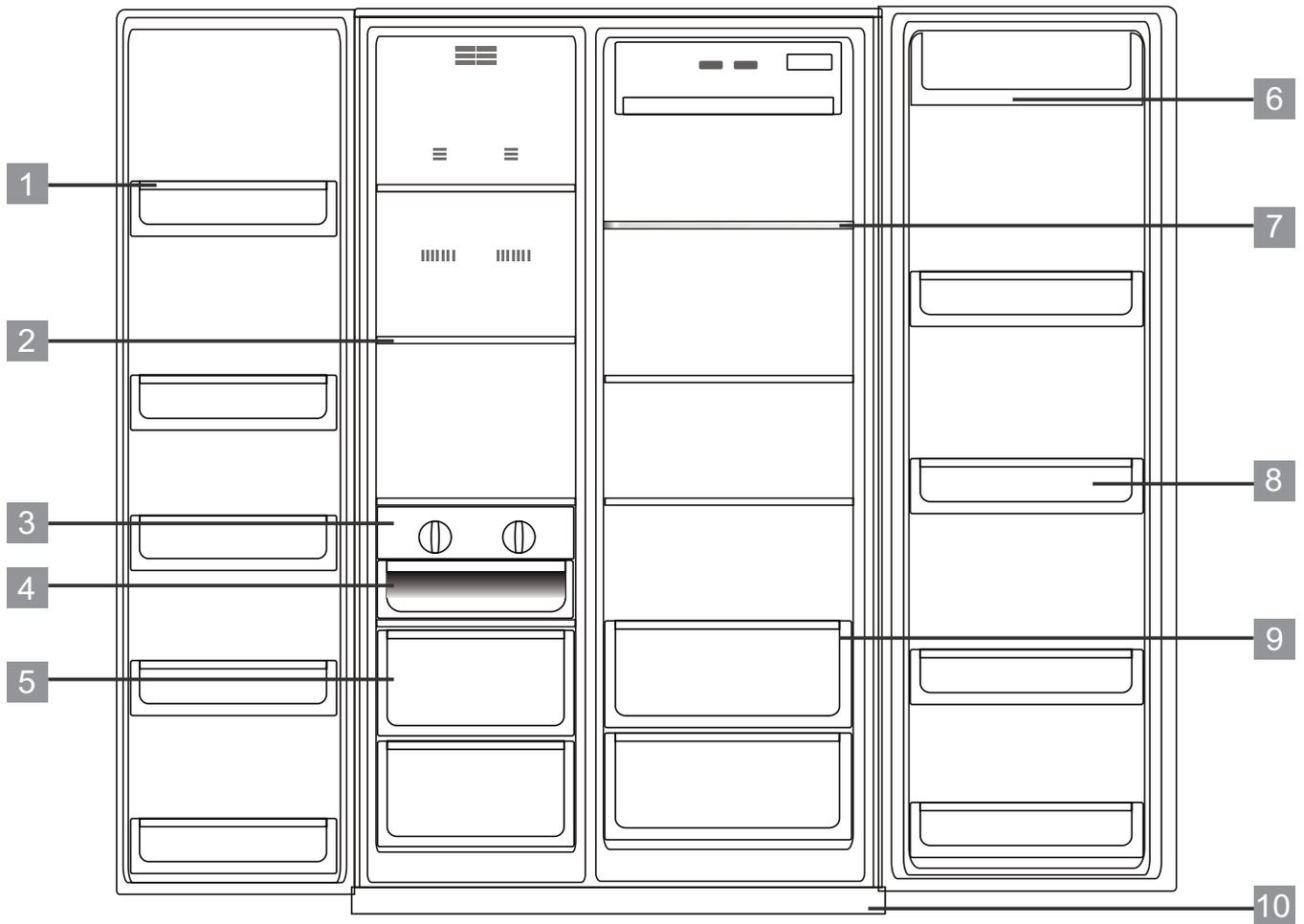
- Young children should be supervised to ensure that they do not play with the appliance.
- Packing (e.g. plastic wraps, polystyrene etc.) can be dangerous for children. There is a risk of suffocation. Keep packaging materials away from children.

## Information on disposal

Most of the packing material used is recyclable. Please separate the plastic and cardboard and dispose through your local recycling depot or place in appropriate recycling collection bins.

If disposing of this appliance, please contact your local authority for safe disposal. Incorrect disposal may cause injury to the user or flammable gases may cause environmental damage. Remove the doors, cut off the main cable, break or remove spring or bolt catches to prevent children from getting trapped or harming themselves.

# IDENTIFYING PARTS OF THE FRIDGE



1 Freezer door bin

2 Freezer glass shelf

3 Twist ice cube maker

4 Ice cube bin

5 Freezer drawer

6 Dairy compartment

7 Refrigerator glass shelf

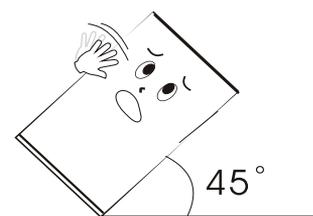
8 Refrigerator door bin with egg bracket

9 Fruit & vegetable drawer

10 Kick Panel

# TRANSPORTING

Keep the refrigerator upright and avoid squeezing or vibration during transport. Avoid a slanting angle over 45 degrees during handling. Avoid the door or top cap from being under excessive stress when moving, otherwise it may become deformed.



Do not connect your refrigerator to the power supply immediately after it is placed vertically. You should keep it standing for at least 3 hours before connection to let it settle.

# INSTALLATION

Remove all packaging material and adhesive tape before using your new refrigerator. This includes the foam base and all adhesive tape holding the refrigerator accessories inside and outside.

Clean both the inside and outside of the refrigerator with a soft cloth and lukewarm soapy water.

## Positioning your refrigerator

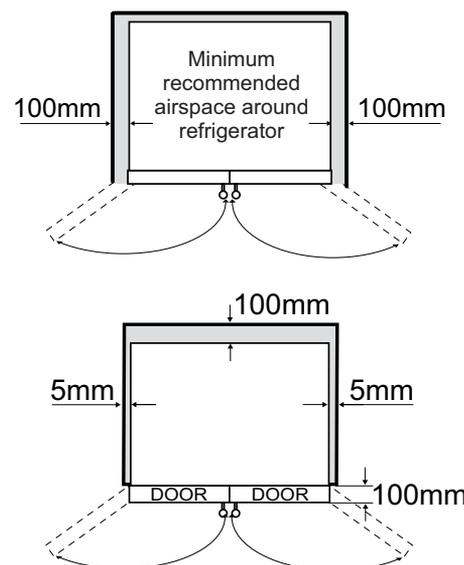
Place your refrigerator in a well ventilated area away from a heat source and direct sunlight. Do not install the refrigerator in a damp or wet location as this may cause damage to the insulation and result in leakage. Condensation may also build up on the outer cabinet causing rust.

Use the front two adjustable feet to level the refrigerator. Rotate the feet in a clockwise direction to raise the refrigerator and anti-clockwise to lower. Ensure the refrigerator slightly tilts backwards so that the drawers and doors self-close to provide a consistent closed seal.

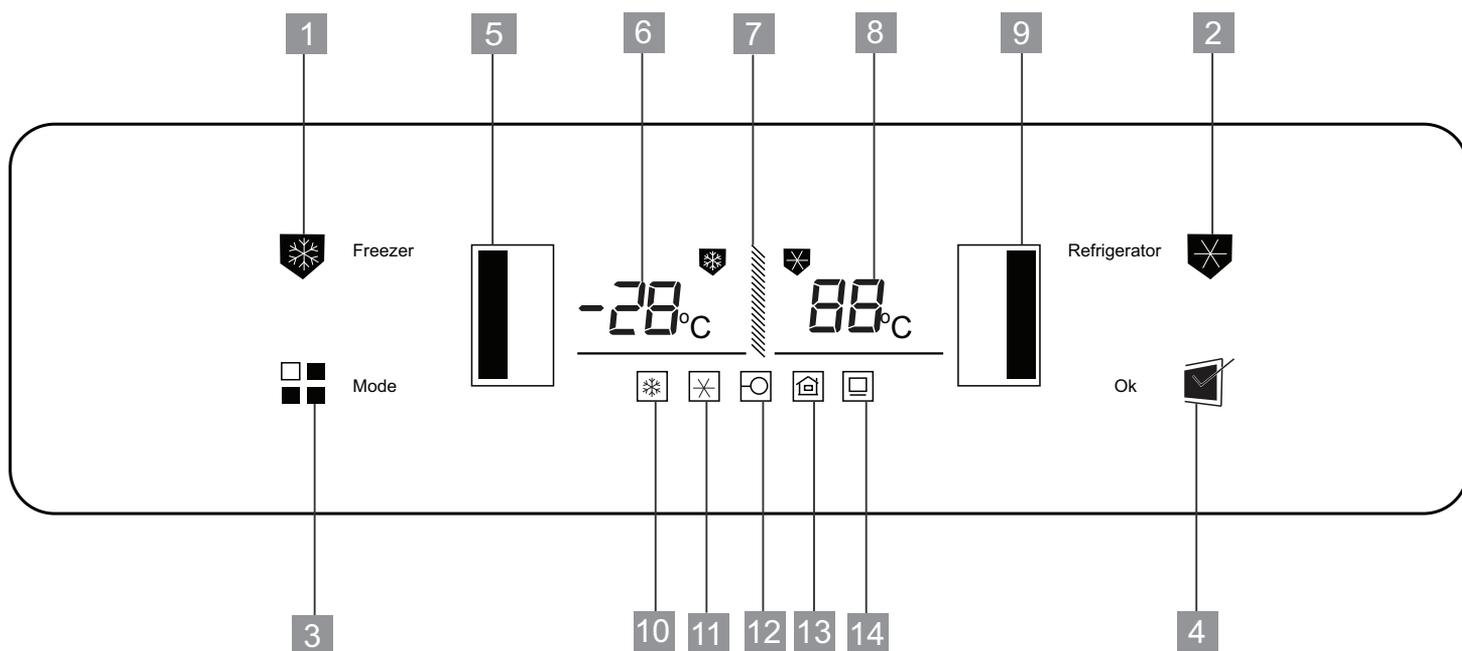
## Allow for adequate ventilation around your refrigerator

There should be a clearance of at least 300mm from the top of your refrigerator, and 100mm from either the sides of the refrigerator (or) the back of the unit. If the refrigerator is to sit flush with the cabinetry, then a 100mm clearance must be available at each side to allow the doors to open freely and enable the removal of bins and shelves.

The minimum clearance recommended at each side is 5mm, if this is the case the doors must sit proud of the cabinetry by 100mm (not flush). A 5mm side clearance will require 100mm of airspace at the back of the unit to allow for adequate ventilation.



# CONTROL FEATURES AND FUNCTIONS



## Touch buttons

- 1 Freezer temperature button
- 2 Refrigerator temperature button
- 3 Mode selection button
- 4 Confirmation button

## Display

- 5 Freezer compartment indicator
- 6 Freezer temperature
- 7 Compressor running status
- 8 Refrigerator temperature
- 9 Refrigerator compartment indicator
- 10 Fast freeze indicator
- 11 Fast cooling indicator
- 12 Control panel lock indicator
- 13 Vacation mode indicator
- 14 Energy Saving mode indicator

# CONTROL FEATURES AND FUNCTIONS

## Locking and unlocking the display panel

The control panel of the refrigerator is defaulted to the locked status. When the control panel is locked, no buttons will be accessible except for the Confirmation button (4). Ensure the control panel is unlocked before setting temperatures or additional features.

To unlock the control panel, hold down the Confirmation button (4) for 3 seconds, icon (12) will now no longer display.

To lock the control panel, press the Confirmation button (4) until icon (12) is displayed, this indicates the refrigerator control panel is now locked.

Note: When in the unlocked state, the control panel will automatically lock if no buttons are pressed after several seconds. Icon (12) will display to indicate the panel is locked.

## Controlling the temperature

### Energy Saving Mode

Energy Saving mode is used to set the optimal temperature for both refrigerator and freezer compartments with minimal energy consumption. In Energy Saving mode, the refrigerator compartment temperature will be set to 5°C and the freezer compartment will be set to -18°C.

To enter this mode press the Mode button (3) until the ENERGY SAVING icon (14) displays, then press the Confirmation button (4) to activate Energy Saving mode.

### Vacation Mode

When the refrigerator is in Vacation mode, it reduces energy consumption when not in use for several days. It is recommended to set the refrigerator in this mode before going on vacation or not accessing the freezer or refrigerator compartments for at least 3 days (72 hours). In this mode, the refrigerator compartment temperature will be set to 7°C and the freezer compartment temperature set to -15°C.

To enter this mode press the Mode button (3) until the VACATION MODE icon (13) displays, then press the Confirmation button (4) to activate Vacation mode.

### Fast Freeze Mode

The Fast Freeze mode quickly reduces the temperature of the freezer compartment.

To enter this mode press and hold the Mode button (3) repeatedly until the FAST FREEZE indicator (10) displays, then press the Confirmation button (4) to activate Fast Freeze mode.

# CONTROL FEATURES AND FUNCTIONS

## Fast Cooling Mode

The Fast Cooling mode quickly reduces the temperature of the refrigerator compartment.

To enter this mode press and hold the Mode button (3) repeatedly until the FAST COOLING indicator (11) displays, then press the Confirmation button (4) to activate Fast Cooling mode.

## Adjusting temperature of the freezer compartment

To adjust the temperature of the freezer compartment press the Freezer temperature button (1) until the freezer temperature (6) flashes. Press the button to adjust the temperature up or down in 1°C increments. The minimum temperature of the freezer compartment is -24°C and the maximum temperature is -16°C. Once the desired temperature is reached, press the Confirmation button (4) to activate the selection.

## Adjusting temperature of the refrigerator compartment

To adjust the temperature of the refrigerator compartment press the Refrigerator temperature button (2) until the refrigerator temperature (8) flashes. Press the button to adjust the temperature up or down in 1°C increments. The minimum temperature of the refrigerator compartment is 2°C and the maximum temperature is 8°C. Once the desired temperature is reached, press the Confirmation button (4) to activate the selection.

# OPERATING INSTRUCTIONS

## Twist Ice & Serve

To use, remove the tray, fill with water and place back in the freezer. Once ice has formed (approx. 3 hours) simply twist the knob clockwise until the ice drops into the bin below.



# CLEANING & MAINTENANCE

## Cleaning the appliance



**Before cleaning:** Turn appliance off at the power point, then remove the power cord from the outlet. This will make sure there is no chance of electric shock.

# CLEANING & MAINTENANCE

## Interior

Clean the refrigerator interior regularly. Turn power off. Wipe the interior with a soft cloth and lukewarm soapy water. Wipe away any food spills thoroughly. Dry all surfaces and removable parts. Avoid getting water on the refrigerator controls. If you have taken out any removable parts, replace them and switch on the power before re-stocking the refrigerator.

## Exterior

Clean the refrigerator with only lukewarm soapy water and a soft cloth. Rinse with clean water and then wipe the surface with a soft clean cloth to remove any soap residue.

## Door seals

Take care to keep door seals clean. Sticky food and drink can cause seals to stick to the cabinet and tear when you open the door. Wash seal with a mild detergent and warm water. Rinse thoroughly and dry.



Never use hot water, solvents, commercial kitchen cleaners, aerosol cleaners, metal polishers, caustic or abrasive cleaners or scourers to clean the appliance as they will damage it. Many commercially available cleaning products and detergents contain solvents that will damage your refrigerator. When cleaning, using only a soft cloth and lukewarm soapy water.

## Replacing the Interior light



**Before replacing the light:** Turn appliance off at the power point, then remove the power cord from the outlet. This will make sure there is no chance of electric shock.

Remove the cover and replace the LED bulb with a direct current 12V bulb.

1. Unplug the power and remove the cover by locating the cover levers and squeezing them inwards while lowering the cover downwards.
2. Remove the existing LED bulb and replace with a new bulb.
3. Replace the cover and plug in the refrigerator.

## Please check the points below after maintenance:

- (1) Is there any damage to the power lead?
- (2) Can the power plug be inserted into the power socket correctly?
- (3) Is the power plug and/or lead heating up?

## ENERGY SAVING TIPS

1. Reduce opening the door frequently. This will increase the appliance efficiency and reduce power consumption.
2. To maintain good air circulation within the refrigerator cabinet, keep the shelves and drawers in the original positions as supplied.
3. There should always be some space between food items for proper air circulation.
4. Hot food should be cooled down before placing into the appliance, otherwise the interior temperature and power consumption will increase.

## DISCONNECTION OF THE APPLIANCE



If unplugging the appliance from the power outlet, please leave at least 5 minutes before re-connection.

### 1. Power failure

During a power failure, do not put additional food in the appliance and reduce opening the door.

If power failure is anticipated beforehand, place several ice cubes into a container and place in the top of the refrigerator.

### 2. Power failure during vacation

Before departure of a short vacation, set the refrigerator to vacation mode and remove any items that could spoil if a power failure occurs, and ensure the doors are closed firmly.

If going on a long vacation, remove all items, clean and wipe dry the internal of the appliance, disconnect the power and leave the doors open.

### 3. Storage of appliance

If the refrigerator needs to be switched off for a long period of time (storage), remove all items, unplug the appliance from the power outlet, clean and wipe dry the interior. The door should be wedged open slightly for air circulation in order to prevent unpleasant odours.

# TROUBLESHOOTING GUIDE

If you think something may be wrong with your refrigerator, you can carry out some easy checks before calling for service. You may locate the problem and spare yourself from inconvenience, saving time and money.

<b>SYMPTOM</b>	<b>SUGGESTION</b>
Refrigerator is not operating	<ul style="list-style-type: none"><li>• Check that the power cord is plugged into the power outlet properly and that the outlet is switched “ON”.</li><li>• Try running another appliance from the power outlet. If no power is coming from the outlet you may have blown a fuse or tripped a circuit of your household power supply.</li><li>• Try adjusting the temperature control to a slightly “colder” position.</li></ul>
Unusual noise	<ul style="list-style-type: none"><li>• The flow of refrigerant through the pipeline coil could cause gurgling, similar to water boiling. This is the normal function of the appliance.</li><li>• It is quite normal for noise to seem louder just after the refrigerator starts operating.</li><li>• Other strange sounds may mean that you need to check and take action. For example, noises may mean that:<ul style="list-style-type: none"><li>– The cabinet is not level.</li><li>– The floor is uneven or weak.</li><li>– Bottles are badly placed and rattling.</li><li>– There are vibrations from an object on top of or behind or beside the refrigerator.</li><li>– The back of the refrigerator cabinet is touching the wall.</li></ul></li></ul>
Compressor seems to run more than expected	<ul style="list-style-type: none"><li>• Are doors kept open too long or too often?</li><li>• Are controls set too cold?</li><li>• Have large amounts of warm food just recently been stored?</li><li>• If the day is hot or the room is very warm, the refrigerator will need to run more than normal.</li><li>• The refrigerator will run more than normal just after you install it or when it has been turned off for a long time.</li></ul>
Temperature in the refrigerator is too warm	<ul style="list-style-type: none"><li>• Check that the appliance has enough clearance at the sides, back and top. Refer to installation instruction on page 5.</li><li>• Refer to “Controlling the temperature” on page 8.</li><li>• You may have kept the door open too long or too frequently.</li><li>• Food containers or packaging may be holding a door open.</li></ul>
Food is frozen inside the refrigerator compartment	<ul style="list-style-type: none"><li>• Check if the food is placed near the air outlet.</li></ul>
The door will not close	<ul style="list-style-type: none"><li>• Check whether the front of the refrigerator is tilted back slightly to allow the doors to self close.</li><li>• Check whether something is holding the door open.</li></ul>

## The following cases are not malfunctions:

Moisture may form as condensation on the outside of the appliance during humid conditions. To remove excess moisture, wipe clean.

It is normal that the sides of the appliance and the turnover beam will get warm as a result of the refrigeration system operation.

The appliance operation could cause electrical interference to electrical equipment.

## **REPAIRS, SERVICE & WARRANTY**

It is hazardous for anyone installing, removing, altering, repairing servicing, testing or certifying the gas system of a gas device (i.e. charging, discharging or breaking into the refrigeration system that uses hydrocarbon refrigerants). Only an Authorised Service Person can carry out servicing or repairs to this appliance.

### **If service is required**

If you have a problem which persists after you have made the checks listed in the Troubleshooting Guide, please contact:

Midea Customer Care on 1300 132 371

Please refer to the enclosed warranty card or visit [www.mideaappliances.com.au](http://www.mideaappliances.com.au) for warranty information. Ensure you have the appliance model number and proof of purchase handy before calling Midea Customer Care to enquire about a warranty claim.

Complete and retain the following information for your records:

Model No.	
Serial No.	
Date of purchase	
Retailer	

**Please retain proof of purchase for warranty claims.**

# SPECIFICATIONS

Model		MSS580W MSS580S
Climate class		T
Classification of installation and use		Class 5T Indoor use only
Rated Total Gross Volume	Refrigerator	350L
	Freezer	230L
Voltage		220-240V / 50Hz
Noise Level		47 dB
Refrigerant type		R600a
Ambient Operating temperature		43°C
Dimensions	Height	1760mm
	Width	902mm
	Depth	750mm
IP rating		IPX0
Net Weight		102Kg

## NOTE:

- Product specifications are subject to change without prior notice.
- This product is subject to continuous improvement, which may not be completely consistent with the manual, however the functions and operating methods will not change.

