

## Fridgemaster MBC55224FE

# Fridgemaster MBC55224FE Built-in Fridge Freezer User Manual

Model: MBC55224FE | Brand: Fridgemaster

## 1. PRODUCT OVERVIEW

The Fridgemaster MBC55224FE is a built-in frost-free fridge freezer designed for seamless integration into your kitchen. It features a 50/50 split between the refrigerator and freezer compartments, offering balanced storage capacity. Equipped with Multi Air Flow technology and electronic controls, this appliance ensures efficient cooling and easy temperature management. Its sliding hinge design facilitates straightforward installation.

## Key Features

- Frost Free Technology:** Prevents ice build-ups in both the fridge and freezer compartments, eliminating the need for manual defrosting.
- Efficiency LED Lighting:** Provides bright and energy-efficient illumination inside the refrigerator.
- Electronic Control:** Allows for precise temperature adjustments and easy operation.
- Net Capacity:** Fridge 148 Litres / Freezer 85 Litres, totaling 233 litres.
- Dimensions:** H176.8 x W54 x D54 cm, designed for built-in installation.
- Sliding Hinge:** Offers ease of installation and flexibility for integrated kitchen designs.





Figure 1: Front view of the Fridgemaster MBC55224FE Built-in Fridge Freezer.



Figure 2: Detailed dimensions of the Fridgemaster MBC55224FE, showing height (1768mm) and width/depth (540mm).

## 2. INSTALLATION AND SETUP

Proper installation is crucial for the optimal performance and longevity of your appliance. This fridge freezer is designed for built-in integration.

### 2.1 Unpacking

Carefully remove all packaging materials. Inspect the appliance for any transit damage. Report any damage to your retailer immediately. Keep packaging materials away from children.

### 2.2 Placement

Ensure the appliance is placed on a firm, level surface. Allow adequate ventilation around the unit as specified in the full installation guide provided with the product. Avoid direct sunlight or proximity to heat sources.

### 2.3 Electrical Connection

Connect the appliance to a grounded electrical outlet. Ensure the voltage and frequency match the ratings on the appliance's rating plate. Do not use extension cords or multiple socket adapters.

## 2.4 Door Reversibility and Sliding Hinge Installation

The door is reversible, allowing you to change the opening direction to suit your kitchen layout. The sliding hinge system simplifies the integration process with your kitchen cabinetry. Refer to the detailed installation manual for step-by-step instructions on door reversal and hinge attachment.



### Sliding Hinge

Sliding hinges offer ease of installation and flexibility

Figure 3: Illustration of the sliding hinge mechanism, designed for easy integration into kitchen units.

## 3. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features to ensure efficient operation of your fridge freezer.

### 3.1 Electronic Control Panel

The appliance features an electronic control panel, typically located at the top of the refrigerator compartment. Use the controls to set the desired temperature for both the fridge and freezer sections. Consult the full user

manual for specific button functions and temperature range settings.

### 3.2 Frost Free Technology

This appliance incorporates Frost Free technology, which circulates cold air to prevent ice crystals from forming on food and interior surfaces. This means you will not need to manually defrost the freezer compartment, saving time and effort.



Figure 4: Comparison illustrating the benefit of Frost Free technology over manual defrost, showing no ice build-up on raspberries.

### 3.3 Storage Optimization

The 50/50 split storage design provides an even distribution of space between the fridge and freezer, accommodating various food items. Multiple shelves and drawers offer versatile storage solutions for different types of produce, dairy, and frozen goods.



⦿ 50/50 Split Storage

For an even distribution of Fridge and Freezer storage

Figure 5: Visual representation of the 50/50 split storage capacity between the refrigerator and freezer sections.



## ⌚ Convenient Storage

**With multiple shelves and draws, no matter the item, your storage needs are covered**

Figure 6: Example of convenient storage options, including a crisper drawer for fresh produce and dedicated compartments for various items.



Figure 7: View of the interior LED lighting, providing clear visibility of contents.



Figure 8: Dedicated bottle rack for organized storage of beverages.



Figure 9: Example of a door shelf designed for convenient access to smaller items like dairy products.

## 4. MAINTENANCE AND CARE

Regular cleaning and proper care will help maintain the efficiency and appearance of your fridge freezer.

### 4.1 Cleaning the Interior

Before cleaning, always unplug the appliance. Clean the interior regularly with a soft cloth and a mild, non-abrasive detergent. Rinse with clean water and dry thoroughly. Avoid using harsh chemicals or abrasive cleaners that could damage surfaces.

### 4.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For stubborn marks, use a mild detergent. Ensure the appliance is dry after cleaning. Regularly clean the condenser coils at the back of the appliance (if accessible) to maintain efficiency.

## 4.3 Defrosting

Due to the Frost Free technology, manual defrosting of the freezer compartment is not required. However, if ice build-up occurs in the refrigerator section (which is rare with proper use), it can be removed by temporarily switching off the appliance and allowing the ice to melt naturally, then wiping away the water.

## 4.4 Power Outage Guidelines

In case of a power outage, keep the appliance doors closed to maintain the internal temperature for as long as possible. Food will remain frozen for approximately 10-12 hours depending on the ambient temperature and how full the freezer is. Do not open the doors unnecessarily.

## 5. TROUBLESHOOTING

Before contacting customer service, please refer to the following table for common issues and their potential solutions.

Problem	Possible Cause	Solution
Appliance does not operate.	No power supply; plug not inserted correctly; fuse blown.	Check power connection; check household fuse/circuit breaker.
Temperature is not cold enough.	Door not closed properly; door opened too frequently; large amount of warm food added; poor ventilation; temperature setting too high.	Ensure door is sealed; reduce door openings; allow food to cool before placing inside; ensure adequate space around appliance; adjust temperature setting lower.
Excessive noise.	Appliance not level; parts vibrating; normal operating sounds.	Adjust leveling feet; ensure no items are touching the back or sides; gurgling/humming sounds are normal.
Water on the bottom of the refrigerator compartment.	Drain hole blocked.	Clear the drain hole at the back of the refrigerator compartment with a small tool.

## 6. TECHNICAL SPECIFICATIONS

Detailed specifications for the Fridgemaster MBC55224FE model.

Specification	Value
Brand	Fridgemaster
Model	MBC55224FE

Specification	Value
Product Dimensions (H x W x D)	176.8 x 54 x 54 cm
Item Weight	51 kg
Total Capacity	233 litres
Fridge Capacity	148 litres
Freezer Capacity	85 litres
Annual Energy Consumption	233 Kilowatt Hours Per Year
Installation Type	Built-In
Special Features	Frost Free
Colour	White
Voltage	220 Volts (AC)
Number of Doors	2
Defrost System	Frost Free
Door Orientation	Reversible
Shelf Type	Glass
Number of Shelves	2
Number of Drawers	5
Certification	CE, RoHS

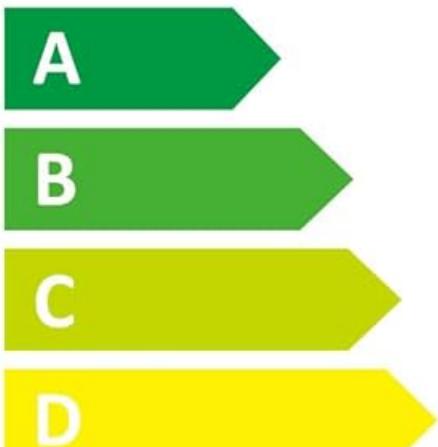


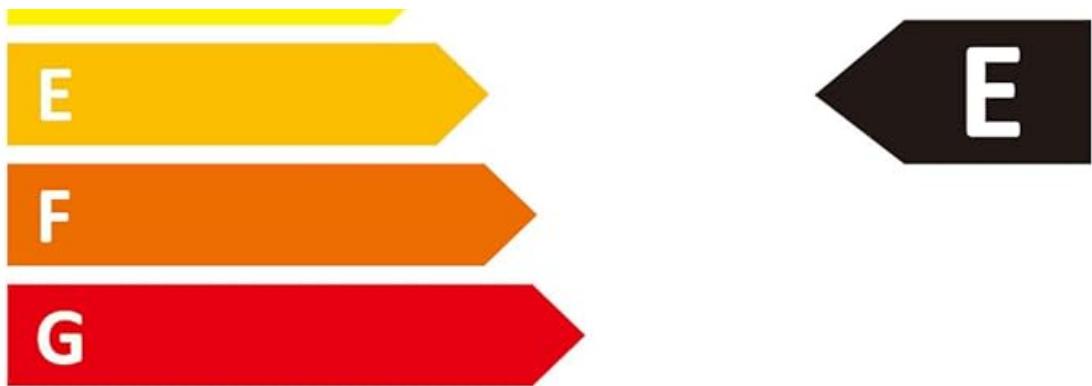
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MBC55224FE





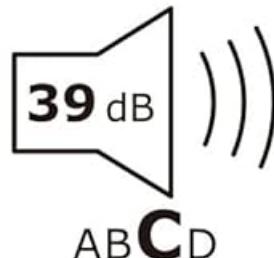
**233** kWh/annum



**85** L



**148** L



2019/2016

Figure 10: Energy Efficiency Label for the MBC55224FE model, showing an E rating and annual energy consumption of 233 kWh/annum. For more details, visit the [EPREL database](#).

### Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2016 with regard to energy labelling of refrigerating appliances

Supplier's name or trade mark: Fridgemaster

Supplier's address: Gorenje gospodinjski aparati, d.o.o., Partizanska cesta 12, 3320 Velenje, SI

Model identifier: MBC55224FE

Type of refrigerating appliance:

Low-noise appliance:	No	Design type:	built-in
Wine storage appliance:	No	Other refrigerating appliance:	Yes

General product parameters:

Parameter	Value	Parameter	Value		
Overall dimensions (millimetre)	Height 1 768	Total volume (dm <sup>3</sup> or l)	233		
	Width 540				
	Depth 540				
EEI	100	Energy efficiency class	E		
Airborne acoustical noise emissions (dB(A) re 1 pW)	39	Airborne acoustical noise emission class	C		
Annual energy consumption (kWh/a)	233	Climate class:	temperate, subtropical		
Minimum ambient temperature (°C), for which the refrigerating appliance is suitable	16	Maximum ambient temperature (°C), for which the refrigerating appliance is suitable	38		
Winter setting	No				
<b>Compartment Parameters:</b>					
		Compartment parameters and values			
Compartment type		Recommended temperature setting for optimised food storage (°C) These settings shall not contradict the storage conditions set out in Annex IV, Table 3	Freezing capacity (kg/24h) Defrosting type (auto-defrost=A, manual defrost=M)		
Pantry	No	-	-		
Wine storage	No	-	-		
Cellar	No	-	-		
Fresh food	Yes	148,0	4		
Chill	No	-	-		
0-star or ice-making	No	-	-		
1-star	No	-	-		
2-star	No	-	-		
3-star	No	-	-		
4-star	Yes	85,0	-18		
2-star section	No	-	-		
Variable temperature compartment	-	-	-		
<b>For 4-star compartments</b>					
Fast freeze facility		Yes			
<b>Light source parameters:</b>					
Type of light source		LED			
Energy efficiency class		G			
<b>Minimum duration of the guarantee offered by the manufacturer:</b> 12 months					
<b>Additional information:</b>					
Weblink to the supplier's website, where the information in point 4 of Annex II of Commission Regulation (EU) 2019/2019 is found: <a href="http://global.hisense.com/">http://global.hisense.com/</a>					

Model placed on the Union market from 01/03/2024.



**EPREL registration number:** 1988836

<https://eprel.ec.europa.eu/qr/1988836>

**Supplier:** GORENJE GOSPODINJSKI APARATI D.O.O. (Manufacturer) **Website:** [www.gorenje.com](http://www.gorenje.com)

**Customer care service:**

**Name:** Gorenje gospodinjski aparati, d.o.o.

**Website:**

**Email:** [elizabeta.bilus@gorenje.com](mailto:elizabeta.bilus@gorenje.com)

**Phone:** 0038638997381

**Address:**

Partizanska cesta 12

3320 Velenje

Slovenia

Figure 11: Product Information Sheet providing detailed technical data. Further information is available on the [EPREL](#)

## 7. WARRANTY AND SUPPORT

Your Fridgemaster MBC55224FE fridge freezer comes with a manufacturer's guarantee to ensure peace of mind.

### 7.1 Manufacturer's Guarantee

The appliance is covered by a **12-month manufacturer's guarantee** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and faulty materials under normal domestic use.

### 7.2 What's Included

Upon delivery, your package should include: Fridge freezer x 1, User manual x 1, Energy Label x 2, Warranty card x 1, Ice tray x 1, Egg tray x 1.

### 7.3 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Fridgemaster customer support. Refer to the warranty card or the official Fridgemaster website for contact details and further support information.

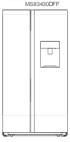
You can also visit the official Fridgemaster store on Amazon for product information and support:[Fridgemaster Store](#).

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This manual is for informational purposes only. Specifications are subject to change without notice.

## Related Documents - MBC55224FE

 How to use your new Fridge Freezer Model MBC55224FE 	<p><a href="#">Fridgemaster MBC55224FE Fridge Freezer User Manual</a></p> <p>Comprehensive user manual for the Fridgemaster MBC55224FE Frost Free Integrated Fridge Freezer, covering safety, installation, operation, cleaning, troubleshooting, and food storage guidelines.</p>
 How to use your new Fridge Freezer Model MS91558ES MS91558EB 	<p><a href="#">Fridgemaster Fridge Freezer User Manual - Models MS91558ES, MS91558EB</a></p> <p>Comprehensive user manual for the Fridgemaster Fridge Freezer, covering safety, installation, operation, care, troubleshooting, and disposal for models MS91558ES and MS91558EB.</p>

 <p>How to use your new Fridge Freezer</p> <p>Model MTM48120F MTM48120FS MTM48120FB MTM48120FBS MTM48120FBSB</p> 	<p><a href="#"><u>Fridgemaster Fridge Freezer MTM48120 Series User Manual</u></a></p> <p>Comprehensive user manual for the Fridgemaster MTM48120 series fridge freezer, covering installation, operation, safety, cleaning, troubleshooting, and food storage guidelines.</p>
 <p>How to use your new Fridge Freezer</p> <p>Model MS83430BFF MS83430DFF</p> 	<p><a href="#"><u>Fridgemaster Fridge Freezer User Manual - Models MS83430BFF, MS83430DFF</u></a></p> <p>Comprehensive user manual for the Fridgemaster Fridge Freezer, covering installation, operation, safety, cleaning, and troubleshooting for models MS83430BFF and MS83430DFF. Includes detailed instructions on temperature control, water dispenser use, and food storage.</p>
 <p>How to use your new Fridge Freezer</p> <p>Model MS91558DES MS91558DEB</p> 	<p><a href="#"><u>Fridgemaster MS91558DES/DEB Fridge Freezer User Manual &amp; Guide</u></a></p> <p>Comprehensive user manual for the Fridgemaster MS91558DES and MS91558DEB Fridge Freezer. Learn about safety, installation, operation, care, and troubleshooting for your appliance.</p>
 <p>How to use your new Fridge Freezer</p> <p>Model MQ79395ES MQ79395EB</p> 	<p><a href="#"><u>Fridgemaster Fridge Freezer MQ79395ES/MQ79395EB User Manual</u></a></p> <p>Comprehensive user manual for the Fridgemaster Fridge Freezer models MQ79395ES and MQ79395EB, covering safety, installation, operation, controls, cleaning, troubleshooting, and disposal.</p>