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› Midea MERS530FGF02G Side-by-Side Refrigerator User Manual

Midea MERS530FGF02G

Midea MERS530FGF02G Side-by-Side Refrigerator User Manual

Model: MERS530FGF02G

1. INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your Midea MERS530FGF02G Side-by-Side Refrigerator. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Midea MERS530FGF02G is a high-capacity side-by-side refrigerator-freezer combination featuring No Frost technology, Twin Control for independent temperature management, and a Quick Cool/Freeze function. It offers a total net volume of 532 liters, with 335 liters for the refrigerator compartment and 197 liters for the freezer compartment, ensuring ample storage for your food items.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the appliance.

- Ensure the appliance is properly grounded before use.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Keep ventilation openings clear of obstruction.
- For recycling information regarding lamps and disposal of broken or damaged lamps, refer to local regulations and guidelines.
- The appliance is heavy; use caution and proper lifting techniques during installation and relocation.

3. PRODUCT OVERVIEW

The Midea MERS530FGF02G is designed for optimal food preservation and convenience.



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Figure 3.1: Midea MERS530FGF02G Side-by-Side Refrigerator.

Key Features:

- **532 L Net Volume:** 335 L refrigerator + 197 L freezer.
- **Energy Efficiency Class F:** Annual energy consumption of 401 kWh.
- **No Frost Technology:** Prevents ice build-up in both compartments, eliminating the need for manual defrosting.
- **Twin Control:** Independent temperature control for refrigerator and freezer sections.
- **Quick Cool/Freeze Function:** Rapidly lowers temperature for fresh groceries.
- **AllAround Cooling:** Ensures uniform temperature distribution throughout the compartments.
- **Holiday Function:** Optimizes energy consumption during extended absences.
- **Temperature Warning:** Alerts you to significant temperature fluctuations.
- **Door Open Warning:** Notifies you if a door is left ajar.
- **Dimensions (H x W x D):** 177.5 x 89.7 x 76.1 cm.
- **Low Noise Emission:** 41 dB.



Figure 3.2: Product Dimensions.

What's in the Box:

- Midea Side-by-Side Refrigerator
- Energy Label
- User Manual (this document)

4. SETUP

4.1 Unpacking and Placement

Carefully remove all packaging materials. Due to its weight (90 kg), it is recommended to have at least two people for handling. Position the refrigerator on a flat, stable surface away from direct sunlight and heat sources. Ensure adequate ventilation space around the appliance (at least 5-10 cm on sides and back, and 30 cm above).



Figure 4.1: Ensure proper air circulation around the unit.

4.2 Leveling the Appliance

Adjust the leveling feet at the bottom of the refrigerator to ensure it is stable and slightly tilted backward. A slight backward tilt helps the doors close automatically and securely. If the appliance is not level, it may cause excessive noise or improper door sealing.

4.3 Initial Power-On

After positioning, wait at least 3-4 hours before plugging the appliance into a grounded power outlet (240 Volt). This allows the refrigerant to settle. Once plugged in, the refrigerator will begin cooling. Allow several hours (e.g., 4-6 hours) for the internal temperatures to stabilize before loading with food.

5. OPERATING INSTRUCTIONS

5.1 Control Panel

The refrigerator features a touch display on the front door for easy temperature control and function selection.



Figure 5.1: Digital Control Panel and Features.

5.2 Temperature Settings

Use the control panel to set desired temperatures for both the refrigerator and freezer compartments independently.

Recommended settings are typically 5°C for the refrigerator and -18°C for the freezer.

5.3 Special Functions

- **Quick Cool:** Activates rapid cooling in the refrigerator compartment. Ideal for quickly chilling newly added groceries.
- **Quick Freeze:** Activates rapid freezing in the freezer compartment. Use before adding large quantities of fresh food to be frozen.
- **Holiday Mode:** Sets the refrigerator to an energy-saving mode while you are away, maintaining a higher temperature to prevent odors while minimizing energy consumption. The freezer compartment continues to operate normally.
- **Temperature Warning:** An audible alarm and/or visual indicator will activate if the internal temperature rises above a safe level.
- **Door Open Warning:** An alarm will sound if a door is left open for an extended period.
- **Child Lock:** Prevents accidental changes to settings on the control panel.



Figure 5.2: Quick Cool Function for fresh items.



Figure 5.3: No Frost Technology prevents ice build-up.

5.4 Internal Organization

The refrigerator and freezer compartments are equipped with multiple shelves and drawers for organized storage. The refrigerator has 335L capacity for fresh food, while the freezer has 197L for frozen items.



Figure 5.4: Interior Capacity and Organization.

The ice maker (without water connection or tank) allows you to fill water into a mold, freeze it, and then transfer the ice cubes to a collection box for easy access.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the interior and exterior of the refrigerator. Unplug the appliance before cleaning. Use a soft cloth and a mild detergent solution. Avoid abrasive cleaners or solvents. Clean the door seals regularly to ensure a tight seal.

6.2 Defrosting

This appliance features No Frost technology, which automatically prevents ice build-up, eliminating the need for manual defrosting of the freezer compartment.

6.3 Power Outage

In case of a power outage, keep the refrigerator doors closed to maintain the internal temperature for as long as possible. The appliance can typically maintain safe temperatures for several hours without power.

7. TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
Appliance does not operate.	No power supply; power cord not plugged in; circuit breaker tripped.	Check power connection; check circuit breaker.
Temperature is not cold enough.	Door not closed properly; excessive door opening; large amount of warm food added; poor ventilation.	Ensure door is sealed; reduce door opening frequency; allow food to cool before storing; ensure proper ventilation.
Appliance is noisy.	Appliance not level; objects vibrating against the unit; normal operating sounds (compressor, fan).	Adjust leveling feet; ensure nothing is touching the appliance; normal sounds are expected.

Problem	Possible Cause	Solution
Door does not close completely.	Food packages blocking the door; gasket dirty or damaged; appliance not level.	Rearrange items; clean or replace gasket; adjust leveling feet to ensure a slight backward tilt.

8. SPECIFICATIONS

Detailed technical specifications for the Midea MERS530FGF02G refrigerator:

Feature	Value
Brand	Midea
Model Identifier	MDRS710FGF02G (Product ASIN: B092M6FTMH, Model Number: MERS530FGF02G)
Product Dimensions (D x W x H)	76.1 x 89.7 x 177.5 cm
Weight	90 Kilograms
Capacity	532 Liters
Annual Energy Consumption	401 kWh per year
Refrigerator Net Capacity	335 Liters
Freezer Net Capacity	197 Liters
Airborne Acoustical Noise Emission	41 dB
Installation Type	Freestanding
Form Factor	Side-by-Side
Special Features	No Frost, Twin Control, AllAround Cooling, Quick Cool/Freeze Function
Color	Front Inox
Voltage	240 Volt
Number of Shelves	8
Number of Drawers	4
Defrost System	Frost-free
Door Hinge	Reversible (Note: For a side-by-side refrigerator, door hinges are typically fixed and not reversible.)

Ficha de información del producto
REGLAMENTO DELEGADO (UE) 2019/2016 DE LA COMISIÓN en lo relativo al etiquetado energético de los aparatos de refrigeración domésticos
Nombre o marca comercial del proveedor: Midea
Dirección del proveedor: Midea Europe GmbH, 2. OG, Ludwig-Erhard-Str. 14 65760 Eschborn, Germany, DE
Identificador del modelo: MDRS710FGF02G
Tipo de aparato de refrigeración:

Aparato de bajo nivel de ruido:		No	Tipo de diseño:		De libre instalación
Armarios para la conservación de vinos:		No	Otros aparatos de refrigeración:		Sí
Parámetros generales del producto:					
Parámetro		Valor	Parámetro		Valor
Dimensiones totales (milímetros)	Altura	1 765	Volumen total (dm³ o l)		532
	Anchura	897			
	Profundidad	761			
IEE		125	Clase de eficiencia energética		F
Ruido acústico aéreo emitido [dB(A) re 1 pW]		41	Clase de ruido acústico aéreo emitido		C
Consumo de energía anual (kWh/a)		401	Clase climática:		templada extendida, templada, tropical
Temperatura ambiente mínima (°C) en la que puede funcionar el aparato de refrigeración		10	Temperatura ambiente máxima (°C) en la que puede funcionar el aparato de refrigeración		38
Ajuste de invierno		No			
Parámetros de los compartimentos:					
Tipo de compartimento		Parámetros y valores de los compartimentos			
		Volumen del compartimento (dm³ o l)	Ajuste de temperatura recomendado para la conservación optimizada de los alimentos (°C). Estos ajustes no contradirán las	Capacidad de congelación (kg/24h)	Defrosting type (auto-defrost=A, manual defrost=M)
			condiciones de conservación contempladas en el anexo IV, cuadro 3.		
Dispensa	No	-	-	-	-
Conservación de vinos	No	-	-	-	-
Compartimento bodega	No	-	-	-	-
Alimentos frescos	Sí	335,0	4	-	A,
Helador	No	-	-	-	-
0 estrellas o fabricación de hielo	No	-	-	-	-
1 estrella	No	-	-	-	-
2 estrellas	No	-	-	-	-
3 estrellas	No	-	-	-	-
4 estrellas	Sí	181,0	-18	10,0	A,
Sección 2 estrellas	Sí	16,0	-12	-	A,
Compartimento de temperatura variable	-	-	-	-	-
En compartimentos de 4 estrellas					
Capacidad de congelación rápida			Sí		
Parámetros de las fuentes luminosas:					
Tipo de fuente luminosa			LED		
Clase de eficiencia energética			G		
Duración mínima de la garantía ofrecida por el fabricante: 24 meses					
Información adicional:					

Figure 8.1: Official Product Information Sheet (Energy Label).

9. WARRANTY AND SUPPORT

Midea provides comprehensive warranty coverage and customer support for your appliance.

- **Warranty:** The appliance comes with a 24-month warranty on the entire device. The inverter compressor is covered by a 10-year warranty. Please retain your proof of purchase for warranty claims.
- **Customer Service:** For technical assistance, warranty claims, or general inquiries, please contact Midea customer service.



Figure 9.1: Midea Customer Service Contact Information.

You can also visit the official Midea website or their social media channels for more information and support:

[Midea](#)
[Website](#) [Facebook](#) [YouTube](#) [Instagram](#)