

## Bosch KGN49XIDQ

# Bosch Serie 4 NoFrost Combined Refrigerator KGN49XIDQ User Manual

Model: KGN49XIDQ

## 1. IMPORTANT SAFETY INFORMATION

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Please read these instructions carefully before installing and using your appliance. Keep this manual for future reference.

### 1.1 General Safety

- This appliance is intended for domestic use only.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Ensure proper ventilation around the appliance. Do not obstruct ventilation openings.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

### 1.2 Electrical Safety

- The appliance must be correctly earthed.
- Do not use multiple sockets or extension leads.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

### 1.3 Children Safety

Children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge can use this appliance if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

## 2. PRODUCT OVERVIEW

The Bosch Serie 4 KGN49XIDQ is a NoFrost combined refrigerator-freezer designed for efficient food preservation. It features independent cooling circuits for the refrigerator and freezer compartments, preventing odor transfer and optimizing temperature control. The appliance has a total capacity of 438 liters, with 330 liters for the refrigerator and 108 liters for the 4-star freezer.





**Figure 2.1:** Exterior view of the Bosch Serie 4 KGN49XIDQ combined refrigerator in steel finish. It features two doors with vertical handles and an integrated control panel at the top of the refrigerator door.





**Figure 2.2:** Interior view of the Bosch Serie 4 KGN49XIDQ with both refrigerator and freezer doors open. The refrigerator compartment shows multiple shelves, door bins, and VitaFresh drawers. The freezer compartment contains three transparent drawers.

## 2.1 Key Features

- **NoFrost Technology:** Prevents ice build-up, eliminating the need for manual defrosting.
- **VitaFresh System:** Maintains optimal humidity and temperature (near 0°C) in dedicated drawers to keep fruits, vegetables, meat, and fish fresh for longer.
- **Independent Cooling Circuits:** Separate control for refrigerator and freezer temperatures, preventing odor transfer.
- **PerfectFit System:** Allows flexible placement next to walls or in niches, ensuring the door opens fully (90 degrees) for easy access to compartments.
- **LED Lighting:** SoftStart interior LED lighting for clear visibility.
- **Super Cooling/Freezing:** Functions to rapidly cool or freeze newly added items.
- **Low Noise Operation:** Operates quietly at 36 dB.

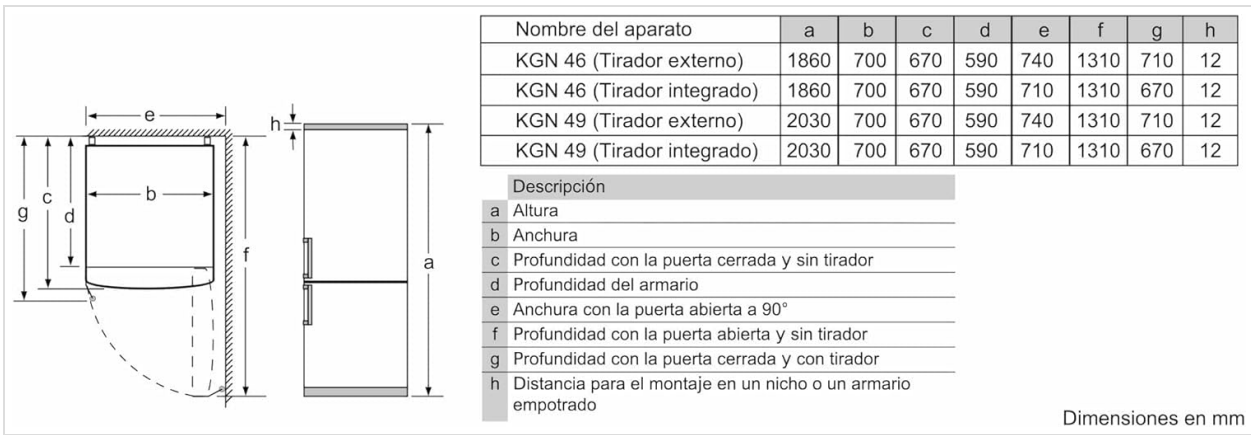
## 3. SETUP AND INSTALLATION

### 3.1 Unpacking

Carefully remove all packaging materials. Dispose of packaging responsibly. Check the appliance for any transport damage. If damaged, do not connect it to the power supply and contact your supplier.

### 3.2 Placement and Ventilation

Place the appliance on a firm, level surface. Ensure adequate ventilation. The PerfectFit system allows the refrigerator to be placed directly against a side wall or furniture, as the door opens within the appliance's width. However, ensure sufficient space for air circulation at the back and top of the appliance.



**Figure 3.1:** Diagram illustrating the dimensions of the refrigerator. Key measurements include height (a), width (b), depth with door closed (c), cabinet depth (d), width with door open at 90° (e), depth with door open (f), depth with handle (g), and minimum distance for niche installation (h). For KGN49 models, height is 2030mm, width 700mm, and depth 670mm.



**Figure 3.2:** Diagram demonstrating the PerfectFit installation. It shows how the refrigerator can be placed with minimal side clearance (A) and a minimum distance from the wall (B) while allowing the door to open to 125 degrees (D) within the appliance's width (C).

### 3.3 Door Reversal

The appliance doors are reversible. If you need to change the door hinge side, refer to the detailed instructions provided in the separate installation guide or contact qualified service personnel.

### 3.4 Electrical Connection

Connect the appliance to a properly installed earthed socket. The voltage and frequency must match the specifications on the rating plate. Do not connect the appliance to the power supply until all packaging and transport protectors have been removed.

### 3.5 Initial Startup

After installation, wait at least 4 hours before connecting the appliance to the power supply. This allows the refrigerant to settle. Clean the interior of the appliance before first use. Set the desired temperatures and allow the appliance to run for several hours before storing food.

## 4. OPERATING INSTRUCTIONS

### 4.1 Control Panel

The control panel is located on the exterior of the refrigerator door, providing easy access to temperature settings and special functions.



**Figure 4.1:** Close-up of the LED control panel on the refrigerator door. It displays current temperatures for both fridge and freezer compartments, along with indicators for 'super' cooling/freezing, 'eco' mode, and alarm status. Buttons for temperature adjustment and locking are also visible.

### 4.2 Temperature Settings

Use the control panel to adjust the temperature for both the refrigerator and freezer compartments independently.

- **Refrigerator:** Recommended setting is +4°C. Adjust using the '+' and '-' buttons.
- **Freezer:** Recommended setting is -18°C. Adjust using the '+' and '-' buttons.

- **Super Cooling (Fridge):** Activates rapid cooling for new groceries. Press the 'super' button for the fridge. It automatically deactivates after approximately 6 hours.
- **Super Freezing (Freezer):** Activates rapid freezing for new items. Press the 'super' button for the freezer. It automatically deactivates once the optimal temperature is reached or after a set period.
- **Eco Mode:** Optimizes energy consumption.

### 4.3 VitaFresh System

The VitaFresh drawers are designed to extend the freshness of your food.



**Figure 4.2:** Interior view of the refrigerator showing the VitaFresh drawers. There is a large VitaFresh drawer with humidity control for fruits and vegetables, and two smaller VitaFresh 0°C drawers for meat and fish.

- **VitaFresh with Humidity Control:** Ideal for fruits and vegetables. Adjust the humidity slider to suit the contents (e.g., higher humidity for leafy greens, lower for citrus).
- **VitaFresh 0°C Drawers:** These drawers maintain a temperature close to 0°C, perfect for storing fresh meat, fish, and dairy products to prolong their shelf life.

### 4.4 Interior Lighting

The appliance is equipped with LED interior lighting. This lighting is maintenance-free and designed to last the lifetime of the appliance. If the light fails, contact customer service.

### 4.5 Alarms

- **Door Open Alarm:** An audible and optical alarm will activate if a door is left open for too long. Close the door to silence the alarm.
- **Temperature Alarm:** An audible and optical alarm will activate if the temperature inside the freezer compartment rises significantly (e.g., due to a power failure). Check the contents and ensure the door is properly closed.

## 5. MAINTENANCE AND CLEANING

## 5.1 NoFrost System

The NoFrost system automatically removes moisture from the freezer compartment, preventing ice formation. This means you never need to manually defrost the freezer.

## 5.2 General Cleaning

Regular cleaning helps maintain the hygiene and efficiency of your appliance.

1. Always unplug the appliance before cleaning.
2. Clean the interior and exterior surfaces with a soft cloth and a mild detergent solution. Avoid abrasive cleaners or solvents.
3. Wipe down door seals regularly to ensure a tight seal.
4. Remove and clean shelves, drawers, and door bins with warm soapy water. Rinse thoroughly and dry before returning them to the appliance.
5. Clean the drain hole in the refrigerator compartment regularly to prevent water build-up.
6. Dust the condenser coils at the back of the appliance (if accessible) once or twice a year to maintain energy efficiency.

## 6. TROUBLESHOOTING

Before contacting customer service, please check the following common issues:

Problem	Possible Cause	Solution
Appliance not cooling	No power supply; temperature set too high; door not closed properly.	Check power connection; adjust temperature setting; ensure door is fully closed.
Unusual noises	Appliance not level; items touching the back wall; normal operating sounds (e.g., refrigerant flow).	Level the appliance; reposition items; normal sounds are not a fault.
Water on the bottom of the refrigerator compartment	Drain hole blocked.	Clean the drain hole with a small tool (e.g., cotton swab).
Door open alarm sounds	Door left open or not closed properly.	Close the door firmly.
Temperature alarm sounds	Power failure; door left open; large amount of warm food added.	Check power; ensure door is closed; allow time for temperature to stabilize.

## 7. SPECIFICATIONS

Technical data for the Bosch Serie 4 KGN49XIDQ combined refrigerator.

## Ficha de información sobre el producto

REGLAMENTO DELEGADO (UE) 2019/2016 DE LA COMISIÓN

Nombre o marca del proveedor (a) (b) :	Bosch			
Dirección del proveedor (a) (b) :	BSH Hausgeräte GmbH, Carl-Wery-Str. 34, 81739 Munich, Germany			
Identificador del modelo (a) :	KGN49XIDQ			
<b>Tipo de aparato de refrigeración:</b>				
Aparato de bajo nivel de ruido:	No	Tipo de diseño:	Libre instalación	
Armarios para la conservación de vinos:	No	Otros aparatos de refrigeración:	No	
<b>Parámetros generales del producto:</b>				
Parámetro	Value		Parámetro	Value
Dimensiones totales (milímetros) (a) (b)	Altura	2030	Volumen total (dm <sup>3</sup> o l)	438
	Anchura	700		
	Profundidad	670		
IEE	80	Clase de eficiencia energética	D <sup>(c)</sup>	
Ruido acústico aéreo emitido (dB(A) re 1 pW)	36	Clases de ruido acústico aéreo emitido	C <sup>(a)</sup>	
Consumo de energía anual (kWh/a)	207	Clase climática	Subtropical, Templado, Templado ampliado, tropical	
Temperatura ambiente mínima (°C) en la que puede funcionar el aparato de refrigeración	10 <sup>(c)</sup>	Temperatura ambiente máxima (°C) en la que puede funcionar el aparato de refrigeración	43 <sup>(c)</sup>	
Ajuste de invierno	No			

Figure 7.1: Energy label and detailed product information sheet for the Bosch KGN49XIDQ, showing energy efficiency.

dimensions, and other technical specifications.

Parameter	Value
Model Number	KGN49XIDQ
Dimensions (H x W x D)	203 cm x 70 cm x 67 cm
Total Net Capacity	438 Liters
Refrigerator Net Capacity	330 Liters
Freezer Net Capacity	108 Liters
Energy Efficiency Class	D
Annual Energy Consumption	207 kWh/a
Noise Level	36 dB (Class C)
Defrost System	Automatic (NoFrost)
Climate Class	Subtropical, Tempered, Extended Tempered, Tropical
Number of Doors	2
Installation Type	Freestanding
Weight	85.9 kg

## 8. WARRANTY AND SERVICE

Your Bosch appliance comes with a manufacturer's warranty. The specific terms and conditions of the warranty are detailed in the warranty card included with your product or available on the official Bosch website.

### 8.1 Customer Service

If you experience any issues with your appliance that cannot be resolved using the troubleshooting guide, please contact Bosch customer service. Have your model number (KGN49XIDQ) and serial number ready when you call.

For service and support, please visit the official Bosch website or refer to the contact information provided in your warranty documentation.