

**Series 6, built-in fridge, 177.5 x 56 cm, flat hinge  
KIR81AFE0G**



**The refrigerator with VitaFresh plus Box, A++ rating and TouchControl: keeps your fruits and vegetables fresh for up to twice as long - cools very efficiently.**

- **Easy Access Shelf:** a pull-out glass shelf for easier access to everything inside your fridge.
- **Super Cool function:** cools new food faster, to protect what is already inside.
- **LED lighting:** all your items in perfect view.
- **Vario Shelf:** easily store large items with this split, sliding shelf.
- **An audible alarm system signals the door is open**



3 x egg tray

- KSZ10020 Bottle Rack
- KSZB0S00 Heavy-duty hinge support
- KSZGGM00 Butter box

Energy Efficiency Class: ..... E  
 Average annual energy consumption in kilowatt hour per year (kWh/a): ..... 115 kWh/annum  
 Sum of volume of frozen compartments: ..... 0 l  
 Sum of volume of chill compartments: ..... 319 l  
 Airborne acoustical noise emissions : ..... 37 dB(A) re 1pW  
 Airborne acoustical noise emission class: ..... C  
 Built-in / Free-standing: ..... Built-in  
 Door panel options: ..... Not possible  
 Height: ..... 1772 mm  
 Width of the appliance: ..... 558 mm  
 Depth: ..... 545 mm  
 Required niche size for installation (HxWxD): ... 1775 x 560 x 550 mm  
 Net weight: ..... 61.7 kg  
 Connection rating: ..... 90 W  
 Fuse protection: ..... 13 A  
 Door hinge: ..... Right reversible  
 Voltage: ..... 220-240 V  
 Frequency: ..... 50 Hz  
 Length electrical supply cord: ..... 230.0 cm  
 Number of compressors: ..... 1  
 Number of independent cooling systems: ..... 1  
 Interior ventilator: ..... Yes  
 Reversible Door Hinge: ..... Yes  
 Number of Adjustable Shelves in fridge compartment: ..... 6  
 Shelves for Bottles: ..... Yes  
 EAN code: ..... 4242005238316  
 Brand: ..... Bosch  
 Product name / Commercial code: ..... KIR81AFE0G  
 Product category: ..... Refrigerator  
 Frost free system: ..... No  
 Installation typology: ..... Integrated  
 Included accessories: ..... 3 x egg tray



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### **Design features**

- Right hinged door, reversible door
- Fixed hinge, softClosing door: No
- Bright interior LED fridge light
- Electronic LED display

### **Freshness System**

- FreshSense - Constant temperature control by intelligent sensor technology

### **Key features - Fridge section**

- VitaFresh Plus container on telescopic rails and humidity control for prolonged food storage,
- 1 MultiBox drawer on telescopic rails - Transparent drawer with a corrugated bottom, ideal for storing fruits and vegetables.
- 7 safety glass shelves (6 height adjustable)
- 6 door trays, including 1x dairy compartment
- Bottle rack

### **Functions**

- SuperCool function
- Optical and acoustical door open warning

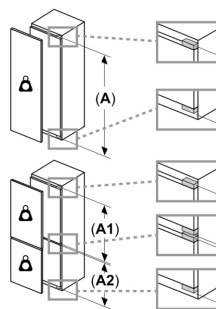
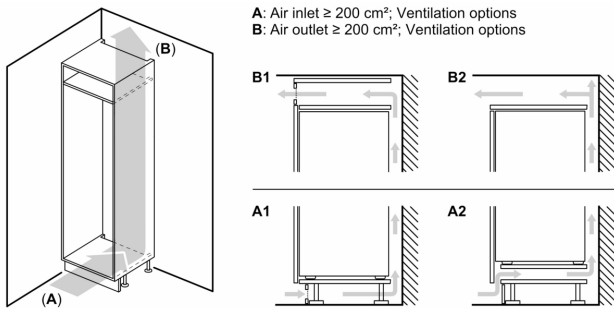
### **Dimension and installation**

- Easy Installation
- Connection value 90 W
- Dimensions: 177.2 cm H x 55.8 cm W x 54.5 cm D
- Niche Dimensions: 177.5 cm H x 56 cm W x 55 cm D
- Based on the results of the standard 24-hour test. Actual consumption depends on usage/position of the appliance.

### **Performance and Consumption**

- EU19\_EEK\_D: E
- Total Volume : 319 l
- Net Fridge Volume : 319 l
- Net Freezer Volume : 0 l
- Annual Energy Consumption: 115 kWh/a
- Climate Class: SN-ST
- Noise Level : 37 dB

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**Maximal permissible weight of the unit fronts**

Fitted unit fronts that exceed the permissible weight may cause damage and result in functional impairment of the hinges

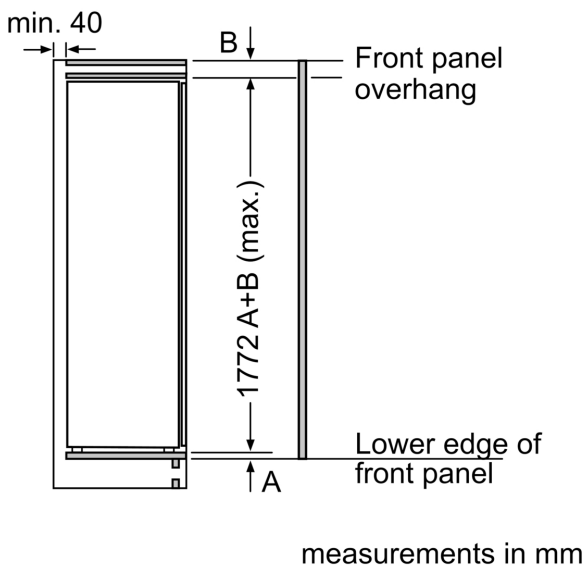
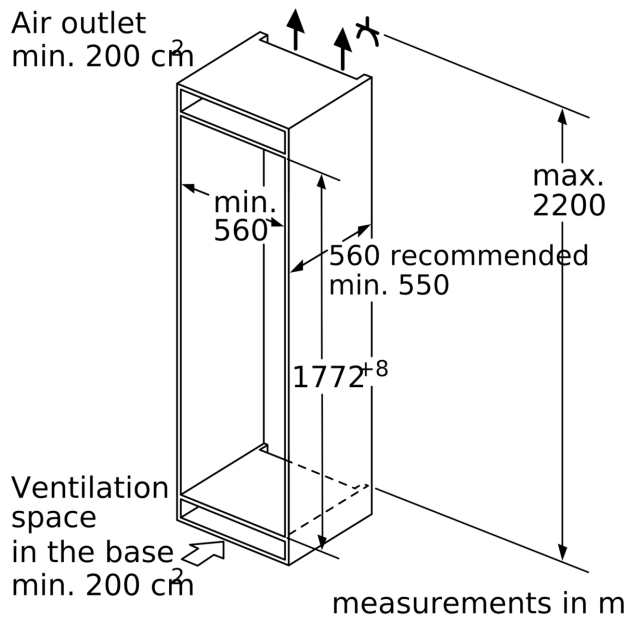
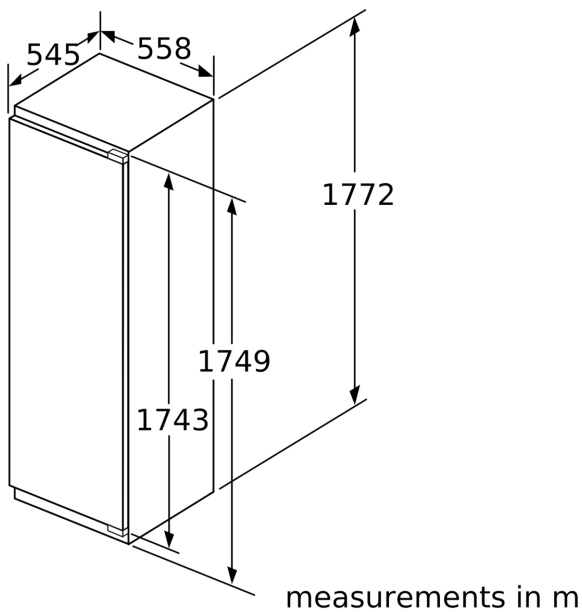
$\Delta$ : Weight  
A: Appliance door height including hinges in mm

B: Undamped hinge, unit front in kg

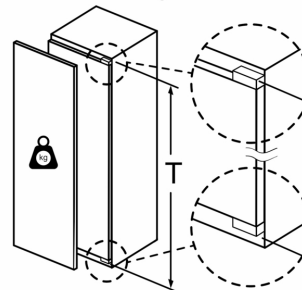
C: Damped hinge, unit front in kg

D: Additional possible load in kg with heavy load kit

A	B	C	D
1500-1750	22	22	B+5 / C+5
720-1400	19	19	
A1	15	19	
A2	15	19	



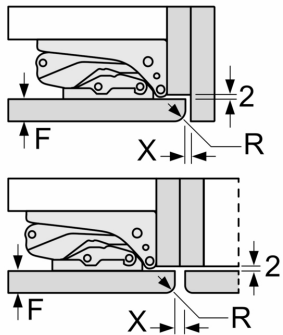
**Maximal permissible weight of the unit fronts**



Fitted kitchen unit doors that exceed the permissible weight may cause damage and result in functional impairment of the hinges.

T: Includes height of appliance door Hinges in mm:	undamped hinge, Door in kg:	damped hinge, Door in kg:
1500-1750	22	22

measurements in mm  
Recommended gap dimensions for flat hinges



The diagrams illustrate the installation of flat hinges on a door and a cabinet. The top diagram shows a hinge on a door, and the bottom diagram shows a hinge on a cabinet. Both diagrams indicate the required gap dimensions: F (vertical gap), R (horizontal gap), and X (horizontal gap). A dimension of 2 is also indicated for the vertical gap between the hinge and the door/cabinet edge.

	<b>F</b>	<b>R</b>	<b>X</b>
16-19	0-3	2.5	
	20	0-1	3
21	2-3	2.5	
	0-1	3	
22	2-3	2.5	
	0	4	
	1	3.5	
	2-3	3	

The gap dimensions recommended in the table must be adhered to in order to ensure that appliance doors do not collide with anything when they are opened, and to avoid causing damage to kitchen units.