

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



**The refrigerator with VitaFresh plus Box, and TouchControl: keeps your fruits and vegetables fresher for longer - cools very efficiently.**

- **Vario Shelf:** space for bottles and bowls with sectioned glass shelves that can be separated and slid underneath.
- FreshSense sensors constantly monitor and control the ambient, fridge and freezer temperature
- **VitaFresh:** vitamin rich fruit & vegetables stay fresh for longer in a climate controlled drawer.
- **EasyAccess Shelf:** pull-out glass shelf gives you better access to the contents of your fridge.
- **Super Cooling function:** cools new food placed inside faster, thus protecting already cooled food.

**Technical Data**

Energy Efficiency Class: E  
 Average annual energy consumption in kilowatt hour per year (kWh/a): 115 kWh/a  
 Sum of volume of frozen compartments: 0 l  
 Sum of volume of chill compartments: 319 l  
 Airborne acoustical noise emissions : 37 dB(A) re 1 pW  
 Airborne acoustical noise emission class: C  
 Construction type: Built-in  
 Door panel options: Not possible  
 Height: 1772 mm  
 Width of the appliance: 558 mm  
 Depth of the product: 545 mm  
 Min. required niche size for installation (HxWxD): 1775.0 x 560 x 550 mm  
 Net weight: 61.8 kg  
 Connection rating: 90 W  
 Fuse protection: 13 A  
 Door hinge: Right reversible  
 Voltage: 220-240 V  
 Frequency: 50 Hz  
 Length of 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 (Stck): 6  
 Shelves for Bottles: Yes  
 EAN code: 4242005238316  
 Brand: Bosch  
 Product name / Commercial code: KIR81AFE0G  
 Product category: Refrigerator  
 Frost free system: No  
 Installation type: Full-integrated  
 Included accessories: 3 x egg tray

**Included accessories**

3 x egg tray



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### **Design features**

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

### **Freshness System**

- FreshSense - Constant temperature control by intelligent sensor technology

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

- VitaFresh Plus container on telescopic rails with 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
- Metal bottle rack

### **Functions**

- Super Cooling: automatic deactivation
- Optical and acoustical door open warning

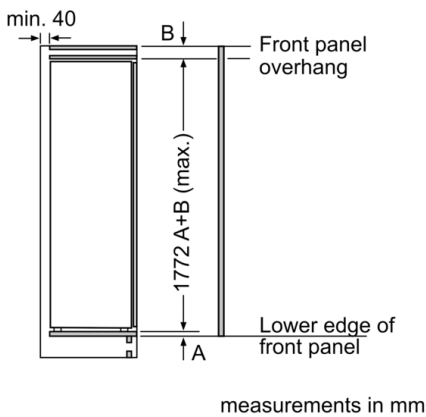
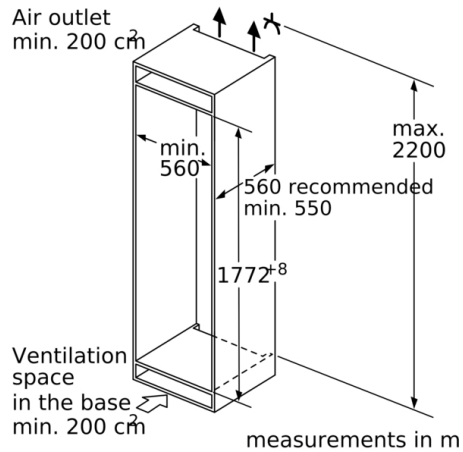
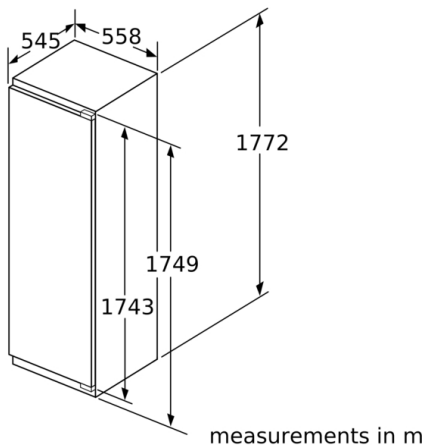
### **Dimension and installation**

- 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
- 220 - 240 V
- Based on the results of the standard 24-hour test. Actual consumption depends on usage/position of the appliance.

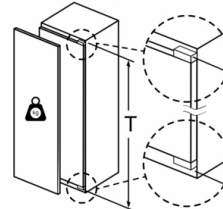
### **Performance and Consumption**

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

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Maximal permissible weight of the unit fronts



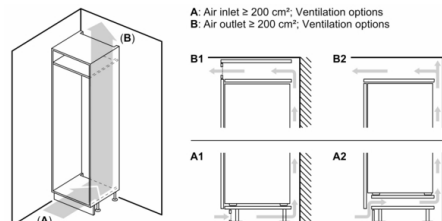
Fitted kitchen unit doors that exceed the permissible weight may cause damage and result in functional impairment of the hinges.

Hinges in mm:	undamped hinge, Door in kg:	damped hinge, Door in kg:
1500-1750	22	22

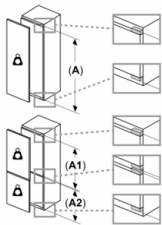
measurements in mm  
Recommended gap dimensions for flat hinges

F	R	X
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.



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### Maximal permissible weight of the unit fronts

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**Δ** 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	
720-1400	19	19	B+5 / C+5
<b>A1</b>	15	19	
<b>A2</b>	15	19	