

iQ500, Built-in Full Fridge, 177.2 x 55.8 cm, flat hinge
KI81RAF30Z



Built - in Freezer with 321 l gross capacity provides freshness for your fruit and vegetables thanks to Fresh Box.

- ✓ hyperFresh plus: Longer freshness for fruits and veggies.
- ✓ LED light: Even lighting throughout the fridge interior allows you to keep your food in view.
- ✓ bottleRack: Store your bottles safely and in easy reach.
- ✓ superCooling: Fast cooling for your fresh food.
- ✓ varioShelf: Flexibility to adjust your fridge's interior.

Design:	Built-in
Number of compressors:	1
Number of independent cooling systems:	1
Width of the appliance:	558 mm
Height:	1772 mm
Depth:	545 mm
Net weight:	61.7 kg
Required niche size for installation (HxWxD):	1775 x 560 x 550 mm
Door panel options:	Not possible
Door opening:	Right reversible
Number of Adjustable Shelves in fridge compartment:	6
Shelves for Bottles:	Yes
Frost free system:	No
Interior ventilator:	Yes
Reversible Door Hinge:	Yes
Length electrical supply cord:	230.0 cm
Connection rating:	90 W
Fuse protection:	10 A
Voltage:	220-240 V
Frequency:	50 Hz
Included accessories:	2 x egg tray

2 x egg tray

KS10Z020 Bottle Rack

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Main Characteristics

- Gross capacity, total: 321 l
- Total net capacity: 319 litres
- Energy efficiency class: A++
- Noise level dB(A) re 1 pW: 37
- digital 7 segment
- Dimensions: H 177.2 cm x L 55.8 cm x D 54.5 cm

Fridge

- Net capacity refrigeration zone: 319 l
- Gross capacity cooling 321 l
- Pull out vegetable container, 1 cont. hydrofresh w tel. rails
- 7 safety glass shelves of which Bottom shelf, 2 glass plates extendible
- 7 safety glass shelves of which 6 is height adjustable
- 6 door bins
- Dairy compartment
- Super cool function
- AirFreshFilter w. AntiBacteria
- LED
- 1 bottle support grid
- egg tray

Freezer

- Net freezer capacity 0 litres
- none

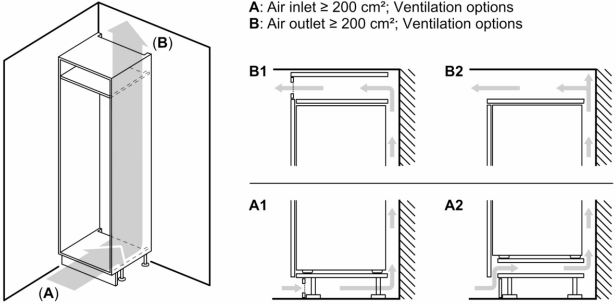
Comfort and Safety

- digital 7 segment
- Acoustic warning system
- Door right hinged, reversible

Technical Information

- Energy efficiency class: A++ (116 kWh per year). Actual energy consumption will depend on how the appliance is used and where it is located.
- Climate Class SN-T
- Height adjustable front feet, roles in the back
- Connected load 90 W
- Rated Voltage 220 - 240 V
- Appliance Dimensions (H x W x D): 177.2 cm x 55.8 cm x 54.5 cm

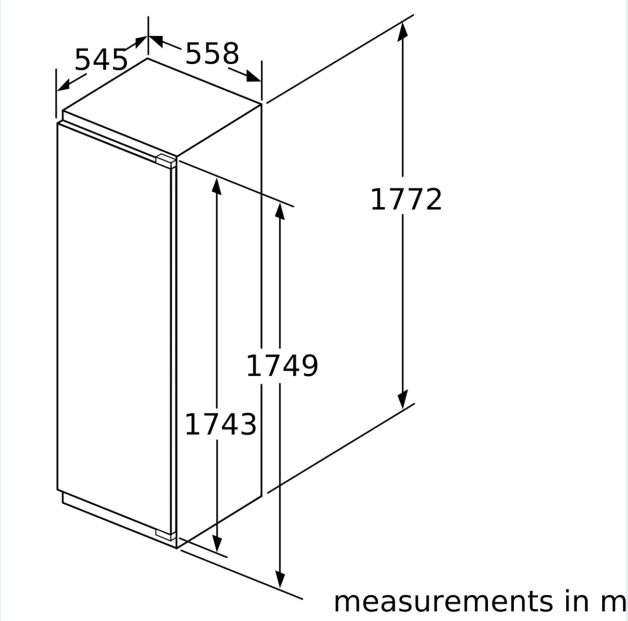
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A: Air inlet $\geq 200\text{ cm}^2$; Ventilation options
B: Air outlet $\geq 200\text{ cm}^2$; Ventilation options

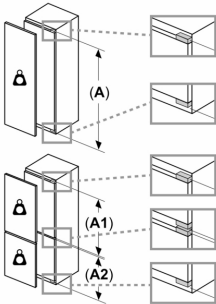
B1 B2

A1 A2



545 558 1772 1749 1743

measurements in m

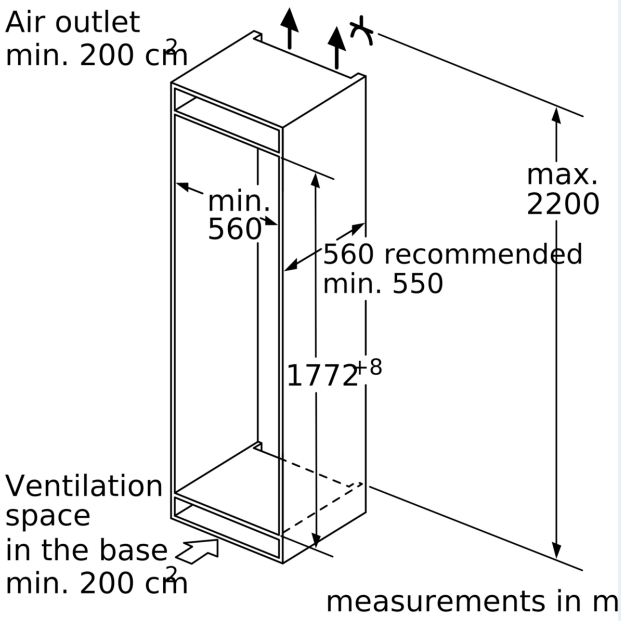


Maximal permissible weight of the unit fronts

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

A: Weight
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	
A1	15	19	B+5 / C+5
A2	15	19	

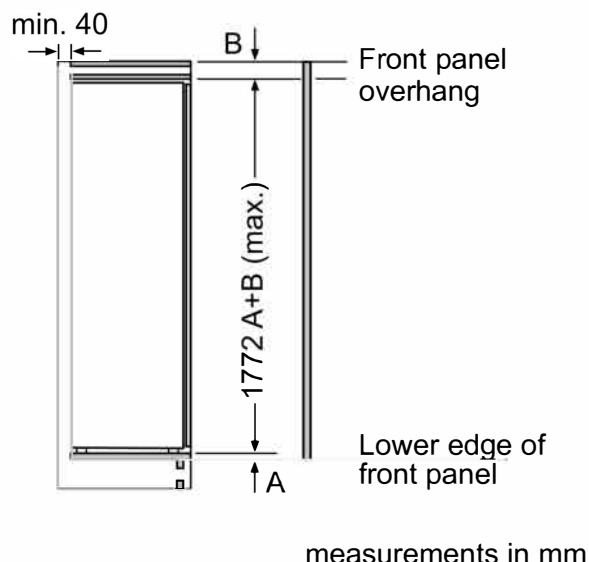


Air outlet min. 200 cm

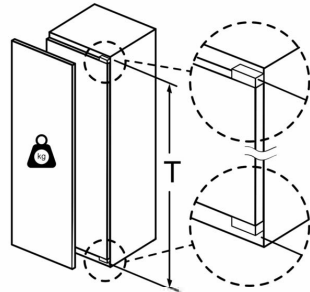
min. 560 560 recommended min. 550 1772⁺⁸ max. 2200

Ventilation space in the base min. 200 cm

measurements in m



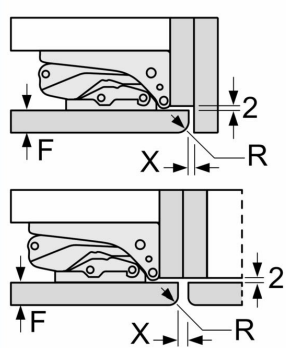
Maximal permissible weight of the unit fronts



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	undamped hinge,	damped hinge,
Hinges in mm:	Door in kg:	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
	2-3	2.5
21	0-1	3
	2-3	2.5
22	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.