

iQ500, built-in fridge, 177.5 x 56 cm, flat hinge
KI81RAF31I



KS10Z020	Bottle Rack
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iQ 500 coolEfficiency built-in fridge with hydroFresh Box to keep fruit and vegetables fresh up to 2 times longer and flexible varioShelf.

✓ hyperFresh plus: Longer freshness for fruits and veggies.

Gross weight:	159.000 lbs
Built-in / Free-standing:	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:	67.3 kg
Min. required niche size for installation (HxWxD):	1775.0 x 560 x 550 mm
Door panel options:	Not possible
Door hinge:	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
Noise level:	37 dB(A) re 1 pW
Multi-Flow Air Tower:	No
Economy setting:	No
Cold technology:	1 compressor/1 cold circuit
Fast cooling switch:	Yes
Temperature Controlled Drawer:	No
Humidity Control Drawer:	Yes
Number of Door Bins - Refrigerator:	5
Door bin adjustability - Refrigerator:	No
Tilt-out door bins in fridge:	Yes
Gallon Storage:	Yes
Number of Gallon storage:	2
Motorized Shelf:	No
Material of the shelves:	Glas, plastic
Door opened indicator freezer:	No
Connection Rating:	90 W
Fuse protection:	6 A
Voltage:	220-240 V
Frequency:	50 Hz
Door panel options:	Not possible
Type:	Full-integrated
Noise level:	37 dB(A) re 1 pW
Energy Star Qualified:	No
Plug type:	India plug (6 Ampere)
Required cutout/niche size for installation (in):	x
Dimensions of the packed product:	72.44 x 24.01 x 25.19
Net weight:	148.000 lbs



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Consumption

- Noise level: 37 dB

Design and Styling

- Internal LED lighting in fridge

Convenience & Safety

- Door open warning signal: Acoustic door open warning

Fridge Compartment

- hydroFresh drawer on telescopic rails - keeps fruit and vegetables up to 2 x longer fresh!
- freshSense - constant temperature by intelligent sensor technology
- Easy access shelf - easy access and everything in sight
- with carbon filter
- Super cool function
- 7 safety glass shelves (6 height adjustable), of which Base plates, 2 glass plates extendible
- 6 door bins, there of 1x dairy compartment

Freshness System

Technical Information

- Net Capacity Fridge: 319 L
- Right hinged door, reversible door
- Connection value 90 W
- Nominal voltage: 220 - 240 V

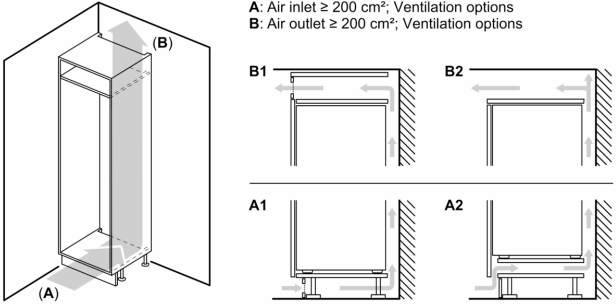
Accessories

Dimensions

- Appliance Height: 1772 mm
- Appliance Width: 558 mm
- Appliance Depth: 545 mm
- Niche Dimension (HxWxD): 177.5 cm x 56 cm x 55 cm

General Information

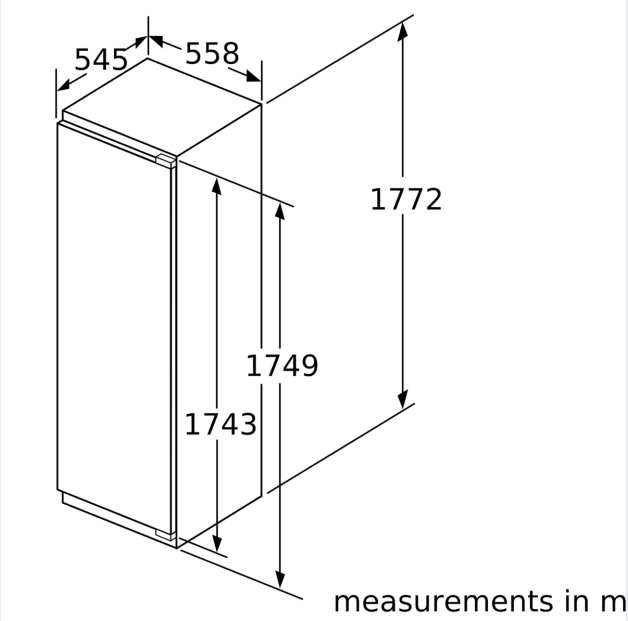
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A: Air inlet $\geq 200\text{ cm}^2$; Ventilation options
B: Air outlet $\geq 200\text{ cm}^2$; Ventilation options

B1 B2

A1 A2

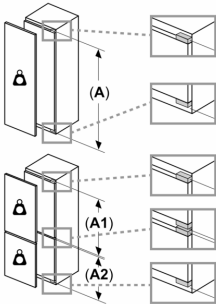


545 558

1772

1749 1743

measurements in m

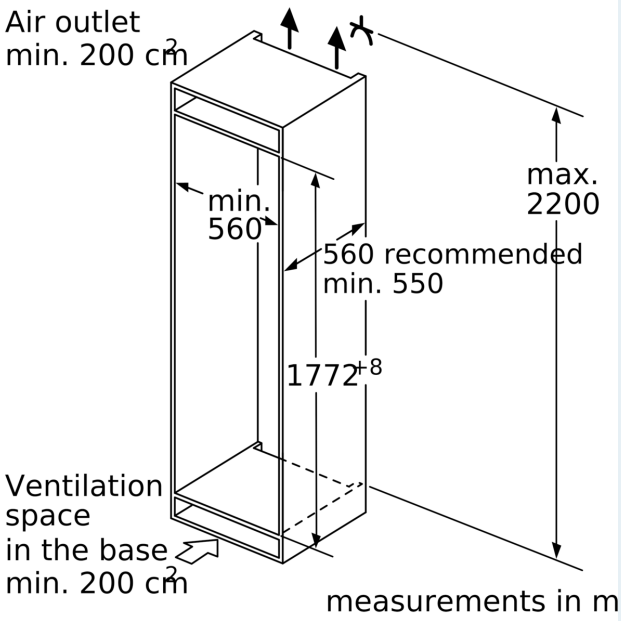


Maximal permissible weight of the unit fronts

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

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



Air outlet
min. 200 cm

min. 560

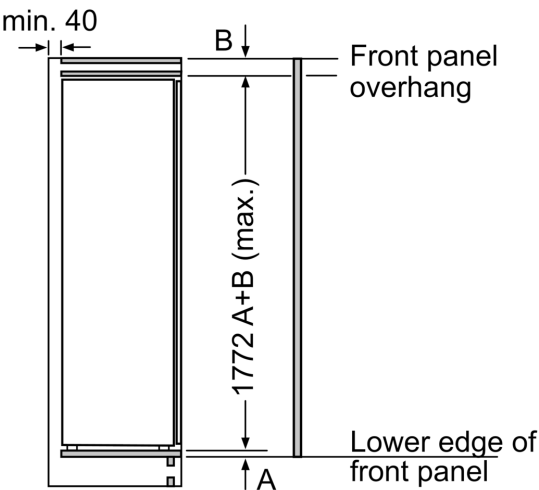
560 recommended
min. 550

1772⁺⁸

max. 2200

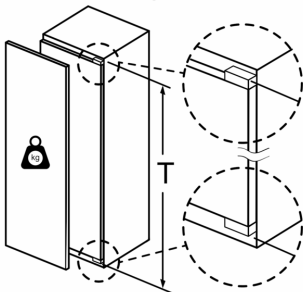
Ventilation space
in the base
min. 200 cm

measurements in m



measurements in mm

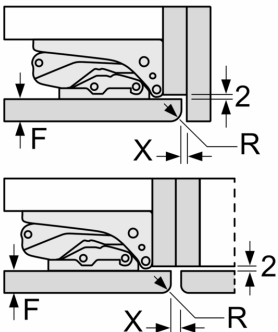
Maximal permissible weight of the unit fronts



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



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.