

iQ500, Built-in fridge, 177.5 x 56 cm, flat hinge
KI81RAFE0G



Included accessories	
3 x egg tray	
Optional accessories	
KS0BZS00	Heavy-duty hinge support
KS10Z020	Bottle Rack
KSGGZM00	Butter box

refrigerator with hyperFresh plus to keep fruit and vegetables fresh up to 2 times longer, plus touchControl temperature control.

- ✓ The hyperFresh plus Box with adjustable humidity keeps fruit and vegetables fresh for longer.
- ✓ LED light – Even lighting throughout the inside of your fridge to keep everything in view.
- ✓ bottleRack – Store your bottles safely and within easy reach.
- ✓ superCooling – Reduces the temperature for a set time, to quickly cool down fresh food items.
- ✓ One shelf with two separate parts to fit varying storage needs – varioShelf.

Features

Technical Data

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 1 pW
Airborne acoustical noise emission class: C
Design: Built-in
Door panel options: Not possible
Height: 1772 mm
Width of the appliance: 558 mm
Dimensions: 545 mm
Min. required niche size for installation (HxWxD): 1775.0 x 560 x 550 mm
Weight: 61.7 kg
Connection Rating: 90 W
Fuse protection: 13 A
Door opening: Right reversible
Nominal power: 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: 4242003884478
Brand: Siemens
Product name / Commercial code: KI81RAFE0G
Product category: Upright fridge
Frost free system: No
Installation type: Fully integrated
Included accessories: 3 x egg tray



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Features

- KI81RAFE0G
- coolEfficiency
- easy Installation

Functions

- Bright interior LED fridge light

Design features

- Electronic LED display
- VitaControl - constant temperature by intelligent sensor technology - Constant temperature control by intelligent sensor technology
- Automatic defrost in fridge section
- Super Cooling: automatic deactivation
- Acoustic open door warning system

Design features

- 7 safety glass shelves (6 height adjustable)
- Bottle rack
- 6 door trays, including 1x dairy compartment
- bottle holder in door tray

Freshness System

- 1 x hydroFresh drawer - humidity controlled vegetable/salad container on telescopic rails for prolonged storage
- 1 x humidity controlled vegetable/salad drawer on telescopic rails

Dimension and installation

- 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

Key features - Fridge section

- Right hinged door, door reversible
- Connection value 90 W
- 220 - 240 V

Country Specific Options

- 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 , EU19_Noise emission class_D: C

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Dimensioned drawings

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

B1 B2 A1 A2

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

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
A1	15	19	
A2	15	19	

545 558 1772 1749 1743

measurements in m

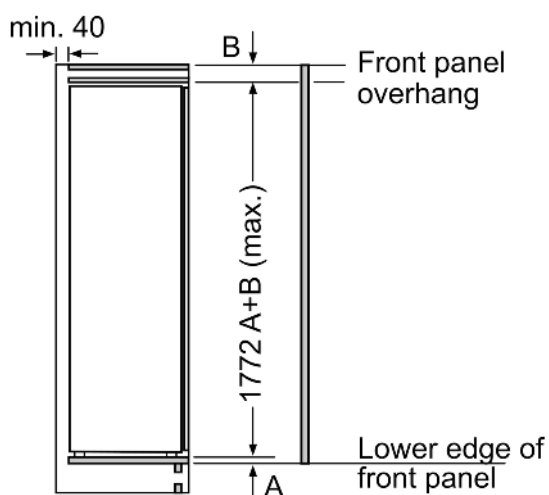
Air outlet min. 200 cm^2

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

Ventilation space in the base min. 200 cm^2

measurements in m

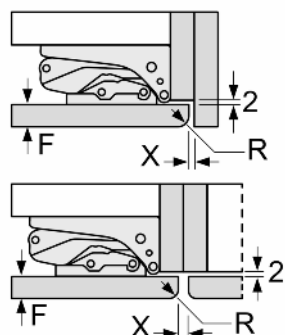
3 /



measurements in mm

measurements in mm

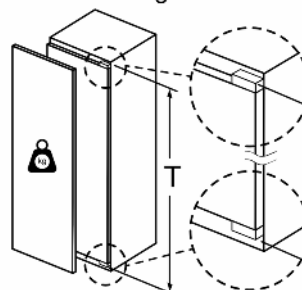
Recommended gap dimensions for flat hinges



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.

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