

iQ500, Built-in fridge with freezer section, 177.5 x 56 cm, soft close flat hinge KI82LSOE0



Built-in refrigerator with hyperFresh system and **** freezer compartment keeps your food in right conditions and thanks to Door openAssist can be integrated into your modern handle-free kitchen.

- ✓ openAssist – Opens your integrated fridge with just a touch.
- ✓ Door closes automatically and softly when it is open at a 20° angle or less - Soft closing.
- ✓ The hyperFresh plus Box with adjustable humidity keeps fruit and vegetables fresh for longer.
- ✓ varioZone – easily arrange drawers and glass shelves to bring flexibility to your freezer space.
- ✓ superCooling – Reduces the temperature for a set time, to quickly cool down fresh food items.

Features

Technical Data

Energy Efficiency Class: E
 Average annual energy consumption in kilowatt hour per year (kWh/a): 177 kWh/annum
 Sum of volume of frozen compartments: 34 l
 Sum of volume of chill compartments: 251 l
 Airborne acoustical noise emissions : 36 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: 67.7 kg
 Connection Rating: 90 W
 Fuse protection: 10 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): 4
 Shelves for Bottles: No
 EAN code: 4242003911617
 Brand: Siemens
 Product name / Commercial code: KI82LSOE0
 Product category: Upright fridge
 Frost free system: No
 Installation type: Fully integrated
 Included accessories: 3 x egg tray, 1 x ice cube tray, 1 x bottle holder in door tray, 1 x Heavy-duty hinge support



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Optional accessories

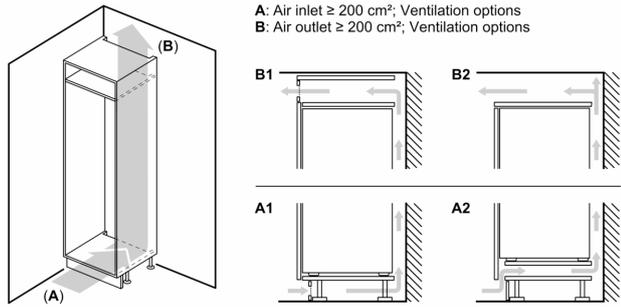
KS10Z020 Bottle Rack
 KSGGZM00 Butter box

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Features	
<ul style="list-style-type: none"> • coolEfficiency • Fixed hinge, softClosing door system - dampens door movement, for smooth and effortless closure • easy Installation <p>Performance and Consumption</p> <ul style="list-style-type: none"> • EU19_EEK_D: E • Total Volume : 285 l • Net Fridge Volume : 251 l • Net Freezer Volume : 34 l • Net 4* compartment volume : 34 l • Freezing capacity 24h : 4 kg • Annual Energy Consumption: 177 kWh/a • Climate Class: SN-ST • EU19_Fast freezer facility_D • Noise Level : 36 dB , EU19_Noise emission class_D: C • Temperature rise time : EU19_Temperature rise time_D: 16 H <p>Functions</p> <ul style="list-style-type: none"> • LED fridge light with Soft Start in fridge section <p>Design features</p> <ul style="list-style-type: none"> • Electronic LED display • VitaControl - constant temperature by intelligent sensor technology - Constant temperature control by intelligent sensor technology • Automatic defrost in fridge section <p>Key features - Fridge section</p> <ul style="list-style-type: none"> • Acoustic open door warning system <p>Design features</p> <ul style="list-style-type: none"> • 5 safety glass shelves (4 height adjustable) • 5 door trays, including 1x dairy compartment <p>Freshness System</p> <ul style="list-style-type: none"> • 1 x humidity controlled vegetable/salad drawer on telescopic rails • 1 x hydroFresh drawer - humidity controlled vegetable/salad container on telescopic rails for prolonged storage <p>Food freshness system</p> <ul style="list-style-type: none"> • Freezing capacity in 24 hours: 4.5 kg <p>Dimension and installation</p> <ul style="list-style-type: none"> • 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 • Right hinged door, door reversible • Connection value 90 W • 220 - 240 V • Transportation handles <p>Key features - Freezer section</p> <ul style="list-style-type: none"> • Net freezer capacity: 34 litres • Ice box 	<ul style="list-style-type: none"> • 1 hinged freezer compartment • Maximum freezer storage time in power failure: 22 hours • Heavy-duty hinge support, 1 x bottle holder in door tray, 3 x egg tray, 2 x ice cube tray <p>Country Specific Options</p> <ul style="list-style-type: none"> • Based on the results of the standard 24-hour test. Actual consumption depends on usage/position of the appliance. • LED fridge light with Soft Start • Super Cooling: automatic deactivation • 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 • KI82LSOE0 • bottle holder in door tray • Door Open Assist

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Dimensioned drawings



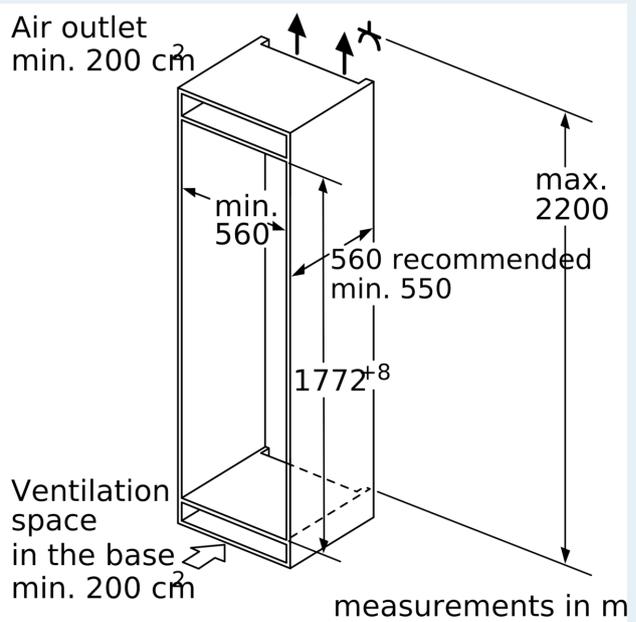
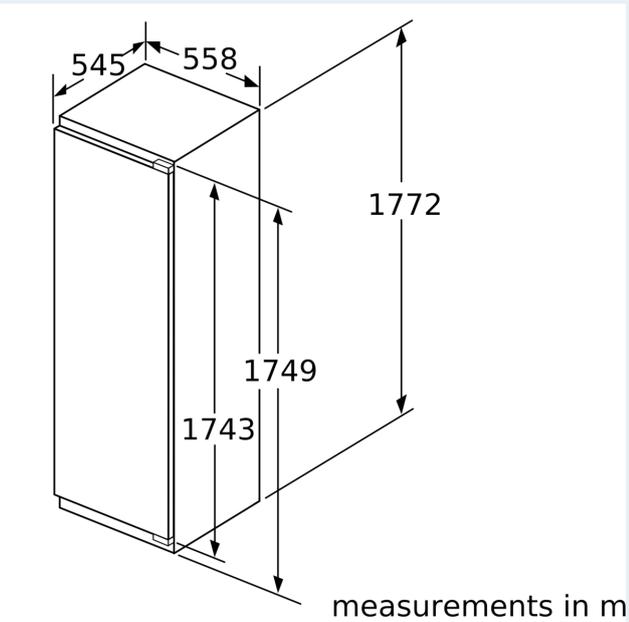
Maximal permissible weight of the unit fronts

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

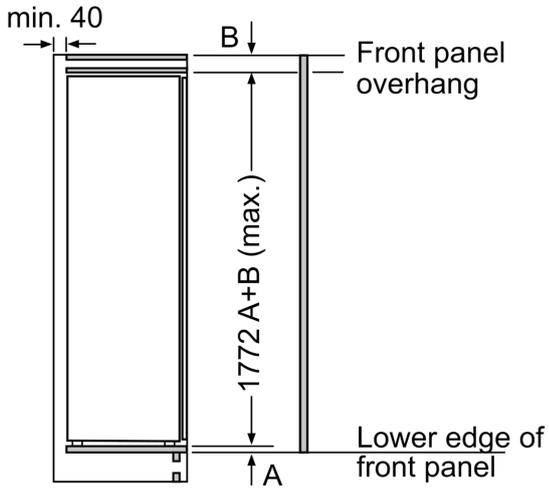
Δ Weight
 A: Appliance door height including hinges in mm

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
A1	15	19	
A2	15	19	

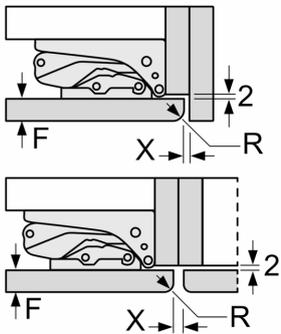


Dimensioned drawings



measurements in mm

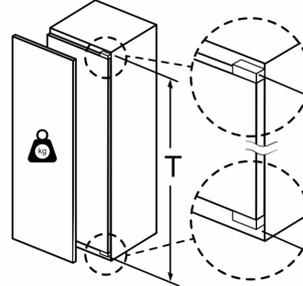
measurements in mm
Recommended gap dimensions for flat hinges



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