

**IQ500, built-in fridge, 177.5 x 56 cm, soft close flat hinge
KI81RSOE0**



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

- ✓ The hyperFresh plus Box with adjustable humidity keeps fruit and vegetables fresh for longer.
- ✓ bottleRack – Store your bottles safely and within easy reach.
- ✓ SoftClosing Door: door closes automatically and softly when it is open at a 20° angle or less.
- ✓ superCooling – Reduces the temperature for a set time, to quickly cool down fresh food items.
- ✓ Arrange the split varioShelf front-to-back or place underneath, depending on your space needs.

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
 Built-in / Free-standing: 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: 64.8 kg
 Connection Rating: 90 W
 Fuse protection: 10 A
 Door hinge: Right reversible
 Nominal power: 220-240 V
 Frequency: 50 Hz
 Length 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: 6
 Shelves for Bottles: Yes
 EAN code: 4242003911402
 Brand: Siemens
 Product name / Commercial code: KI81RSOE0
 Product category: Upright fridge
 Frost free system: No
 Installation type: Fully integrated
 Included accessories: 2 x egg tray, 1 x Heavy-duty hinge support



Included accessories

2 x egg tray, 1 x Heavy-duty hinge support

Optional accessories

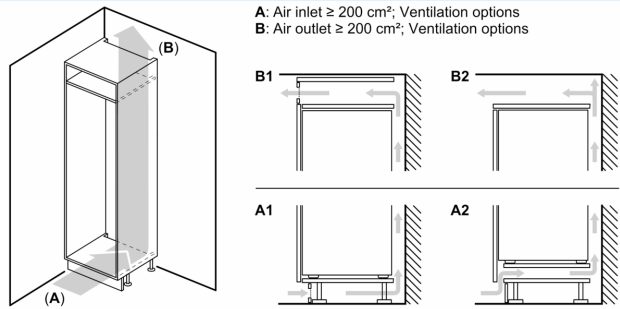
| | |
|----------|-------------|
| KS10Z020 | Bottle Rack |
| KSGGZM00 | Butter box |

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| Features | |
|--|--|
| <ul style="list-style-type: none"> • coolEfficiency • Fixed hinge, softClosing door - 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 : 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 <p>Functions</p> <ul style="list-style-type: none"> • LED fridge light with Soft Start <p>Design features</p> <ul style="list-style-type: none"> • Electronic LED display • freshSense - constant temperature by intelligent sensor technology - Constant temperature control by intelligent sensor technology • Automatic defrost in fridge section • superCool function with automatic deactivation • Acoustic open door warning system <p>Design features</p> <ul style="list-style-type: none"> • 7 safety glass shelves in fridge compartment of which 6 are height adjustable • 7 safety glass shelves (6 height adjustable) • Bottle rack • 6 door trays, including 1x dairy compartment <p>Freshness System</p> <ul style="list-style-type: none"> • 1 x hydroFresh drawer - humidity controlled vegetable/salad container on telescopic rails for prolonged storage • 1 x humidity controlled vegetable/salad drawers on telescopic rails <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 <p>Key features - Fridge section</p> <ul style="list-style-type: none"> • Right hinged door, door reversible • Connection value 90 W • 220 - 240 V • Length of power cord:230 cm <p>Key features - Freezer section</p> <ul style="list-style-type: none"> • KI81RSOE0 • bottle holder in door 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. <p>Design features</p> | <p>Dimension and installation</p> <p>Additional features</p> <ul style="list-style-type: none"> • Open Assist |

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Dimensioned drawings

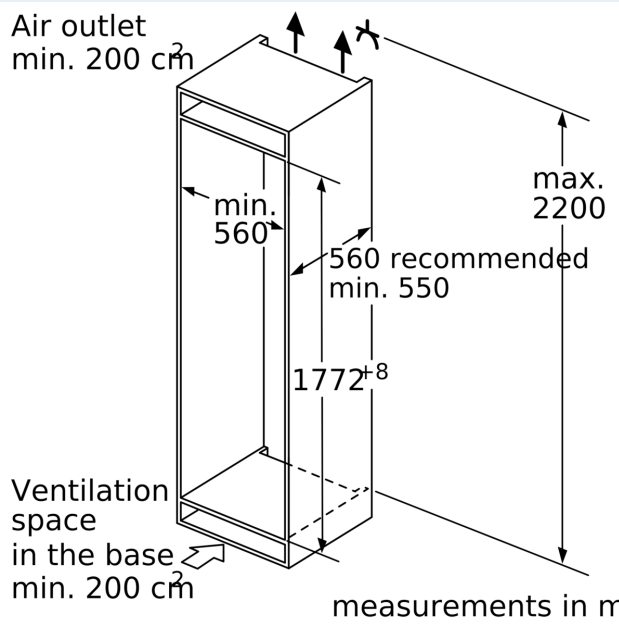
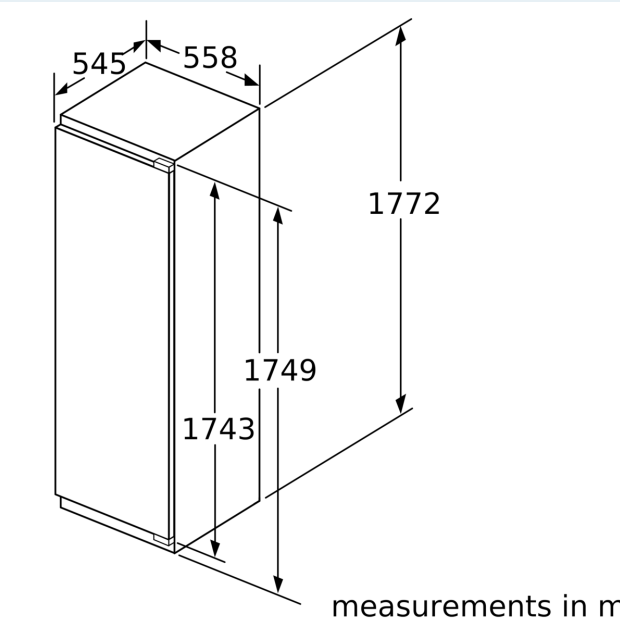


Maximal permissible weight of the unit fronts

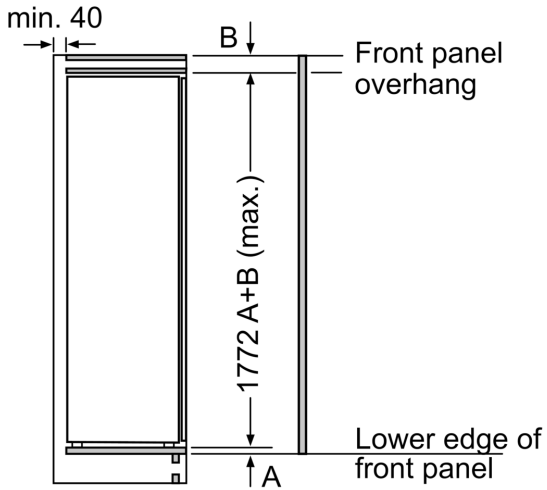
Fitted unit fronts that exceed the permissible weight may cause damage and result in functional impairment of the hinges

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 | B+5 / C+5 |
| 720-1400 | 19 | 19 | |
| A1 | 15 | 19 | |
| A2 | 15 | 19 | |

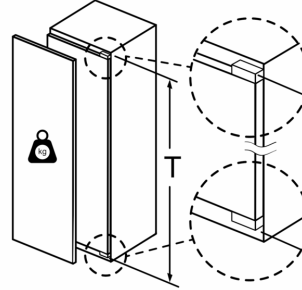


Dimensioned drawings



measurements in mm

Maximal permissible weight of the unit fronts

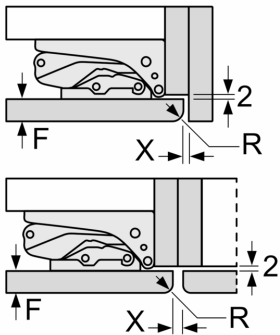


Fitted kitchen unit doors that exceed the permissible weight may cause damage and result in functional impairment of the hinges.

| 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.