

iQ500, Built-in freezer, 177.2 x 55.8 cm, flat hinge  
GI81NAEF0G



very energy efficient freezer with electronic temperature control.

- ✓ noFrost – Never defrost your freezer again.
- ✓ superFreezing - Sensors automatically reduce the temperature for a set period of time, to quickly freeze newly added food items.
- ✓ varioZone – easily arrange drawers and glass shelves to bring flexibility to your freezer space.
- ✓ Electronic temperature control: set the target temperature clearly and easily.
- ✓ freshSense – Maintains the inside temperature to keep food fresh for longer

Features

Technical Data

Energy Efficiency Class: .....F  
Average annual energy consumption in kilowatt hour per year (kWh/a): ..... 294 kWh/annum  
Sum of volume of frozen compartments: .....212 l  
Airborne acoustical noise emissions : ..... 36 dB(A) re 1 pW  
Airborne acoustical noise emission class: .....C  
Thermometer freeze section: ..... Digital  
Light: ..... No  
Product category: ..... Upright freezer  
Design: ..... Built-in  
Door panel options: .....Not possible  
Frost free system: .....Fridge and freezer  
Height of the appliance: ..... 1772 mm  
Width of the appliance: ..... 558 mm  
Dimensions: .....545 mm  
Dimensions of the packed product (HxWxD): . 1840 x 610 x 640 mm  
Weight: ..... 64.2 kg  
Gross weight: ..... 69.0 kg  
Connection Rating: ..... 120 W  
Fuse protection: .....13 A  
Frequency: ..... 50 Hz  
Length of electrical supply cord: ..... 230.0 cm  
Door opening: ..... Left reversible  
Warning signal / malfunction: ..... Both visual and audible  
Door lock: .....No  
Number of drawers/baskets (Stck): .....5  
Number of freezing flaps (Stck): .....2  
EAN code: .....4242003863039  
Brand: .....Siemens  
Product name / Commercial code: ..... GI81NAEF0G  
Product category: ..... Upright freezer  
Included accessories: .....1 x ice cube tray

Included accessories

1 x ice cube tray

Optional accessories

KS0BZS00 Heavy-duty hinge support



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| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
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| <ul style="list-style-type: none"><li>• No Frost, Built-in tall freezer</li></ul> <p><b>Design features</b></p> <ul style="list-style-type: none"><li>• NO_FROST_NEU_BL, never have to defrost ever again</li><li>• Left-mounted, reversible door</li><li>• Electronic control (LED display)</li></ul> <p><b>Key features - Freezer section</b></p> <ul style="list-style-type: none"><li>• Vario Zone - removable safety glass shelves for extra space!</li><li>• 5 freezer drawers</li><li>• SuperFreeze function with automatic deactivation</li><li>• ice cube tray</li></ul> <p><b>Functions</b></p> <ul style="list-style-type: none"><li>• Freezer malfunction warning signal: optical, acoustical</li></ul> <p><b>Dimension and installation</b></p> <ul style="list-style-type: none"><li>• Niche Dimensions: 177.5 cm H x 56 cm W x 55 cm D</li><li>• Dimensions: 177.2 cm H x 55.8 cm W x 54.5 cm D</li><li>• Connection value 120 W</li><li>• 220 - 240 V</li><li>• Based on the results of the standard 24-hour test. Actual consumption depends on usage/position of the appliance.</li></ul> <p><b>Performance and Consumption</b></p> <ul style="list-style-type: none"><li>• EU19_EEK_D: F</li><li>• Total Volume : 212 l</li><li>• Net Fridge Volume : 0 l</li><li>• Net Freezer Volume : 212 l</li><li>• Freezing capacity 24h : 13.8 kg</li><li>• Annual Energy Consumption: 294 kWh/a</li><li>• Climate Class: SN-T</li><li>• Noise Level : 36 dB , EU19_Noise emission class_D: C</li><li>• Temperature rise time : EU19_Temperature rise time_D: 8 H</li></ul> |  |

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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

**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 | B+5 / C+5 |
| <b>A1</b> | 15 | 19 |           |
| <b>A2</b> | 15 | 19 |           |

measurements in m

Air outlet  
min.  $200\text{ cm}^2$

min. 560  
560 recommended  
min. 550

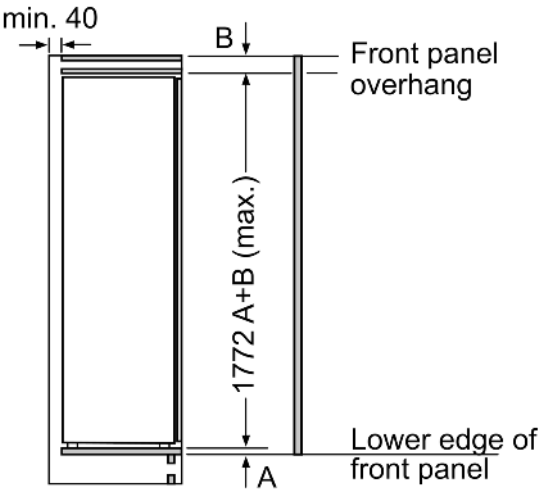
1772<sup>+8</sup>

Ventilation space  
in the base  
min.  $200\text{ cm}^2$

measurements in m

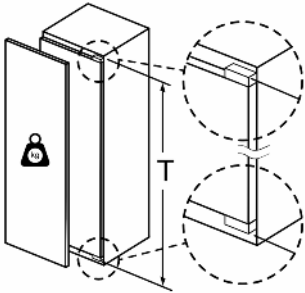
3 /

Dimensioned drawings



measurements in mm

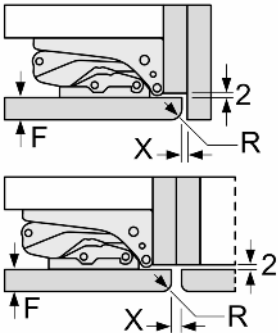
Maximal permissible weight of the unit fronts



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<br>Hinges in mm: | undamped hinge,<br>Door in kg: | damped hinge,<br>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.