

**iQ500, Built-in Full Fridge, 177.5 x 56 cm, flat hinge  
KI81RAF30Z**



A++



Built - in Freezer with 321 l gross capacity provides freshness for your fruit and vegetables thanks to Fresh Box.

- ✓ hyperFresh plus: Longer freshness for fruits and veggies.
- ✓ LED light – Even lighting throughout the fridge interior allows you to keep your food in view.
- ✓ bottleRack – Store your bottles safely and in easy reach.
- ✓ superCooling: Fast cooling for your fresh food.
- ✓ varioShelf: Flexibility to adjust your fridge’s interior.

|   |                       |
|---|-----------------------|
| Design: .....   | 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: .....   | 61.2 kg               |
| Min. required niche size for installation (HxWxD): ....   | 1775.0 x 560 x 550 mm |
| Door panel options: .....                                 | Not possible          |
| Door opening: .....                                       | 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              |
| Connection rating: .....                                  | 90 W                  |
| Fuse protection: .....                                    | 10 A                  |
| Voltage: .....  | 220-240 V             |
| Frequency: .....  | 50 Hz                 |
| Included accessories: .....                               | 2 x egg tray          |



|                         |
|-------------------------|
| 2 x egg tray            |
| KS10Z020    Bottle Rack |

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### Main Characteristics

- Gross capacity, total: 321 l
- Total net capacity: 319 litres
- Energy efficiency class: A++
- Noise level dB(A) re 1 pW: 37
- digital 7 segment
- Dimensions: H 177.2 cm x L 55.8 cm x D 54.5 cm

### Fridge

- Net capacity refrigeration zone: 319 l
- Gross capacity cooling 321 l
- Pull out vegetable container, 1 cont. hydrofresh w tel. rails
- 7 safety glass shelves of which Bottom shelf, 2 glass plates extendible
- 7 safety glass shelves of which 6 is height adjustable
- 6 door bins
- Dairy compartment
- Super cool function
- AirFreshFilter w. AntiBacteria
- LED
- 1 bottle support grid
- egg tray

### Freezer

- Net freezer capacity 0 litres
- none

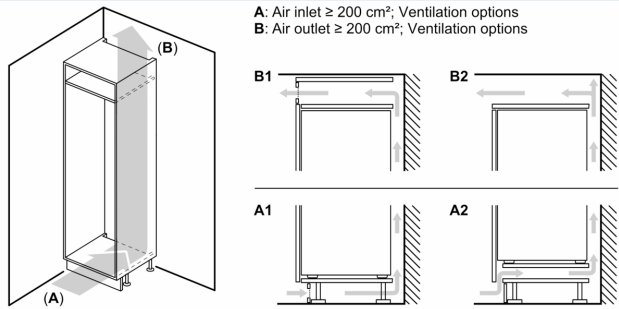
### Comfort and Safety

- digital 7 segment
- Acoustic warning system
- no handle
- Door right hinged, reversible

### Technical Information

- Energy efficiency class: A++ (116 kWh per year). Actual energy consumption will depend on how the appliance is used and where it is located.
- Climate Class SN-T
- Height adjustable front feet, roles in the back
- Connected load 90 W
- Rated Voltage 220 - 240 V
- Appliance Dimensions (H x W x D): 177.2 cm x 55.8 cm x 54.5 cm

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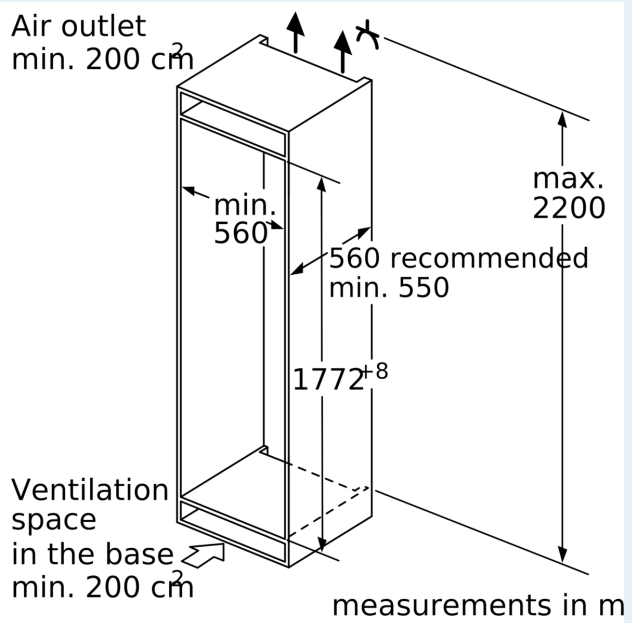
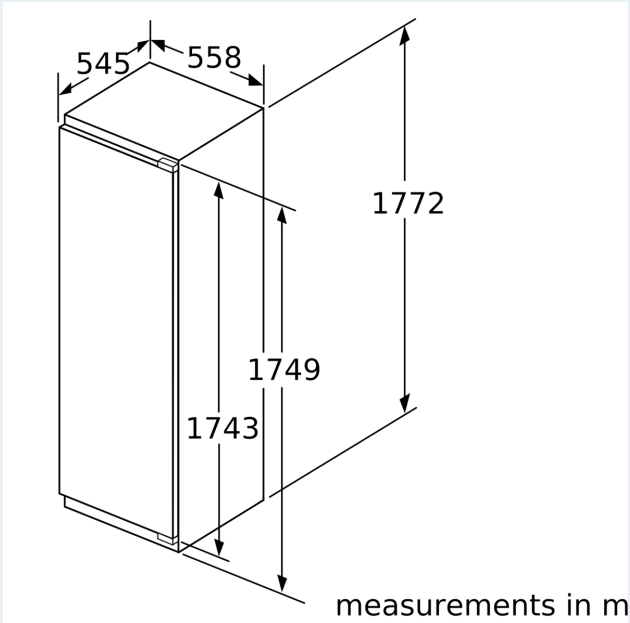


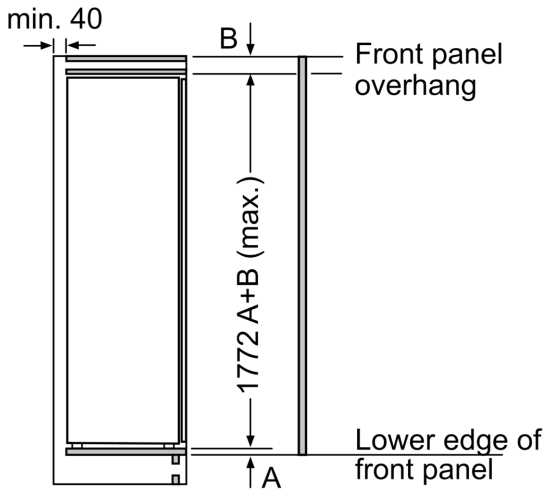
**Maximal permissible weight of the unit fronts**

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

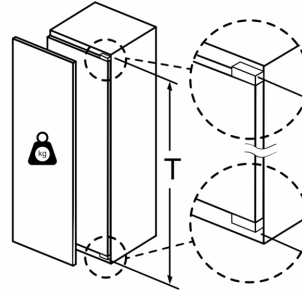
| A         | B  | C  | D         |
|-----------|----|----|-----------|
| 1500-1750 | 22 | 22 | B+5 / C+5 |
| 720-1400  | 19 | 19 |           |
| A1        | 15 | 19 |           |
| A2        | 15 | 19 |           |





measurements in mm

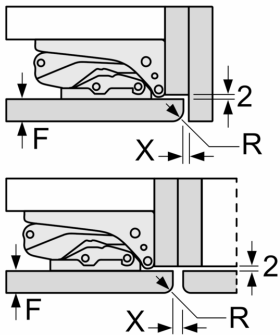
Maximal permissible weight of the unit fronts



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.