

iQ300, Built-in fridge-freezer with freezer at bottom, 177.2 x 54.1 cm, flat hinge
KI86NHFE0



Optional accessories	
KSGGZM00	Butter box

Built-in no frost fridge-freezer with hyperFresh system to keep food fresh for longer and home connect for control and monitor your fridge from everywhere.

- ✓ noFrost – Never defrost your freezer again.
- ✓ bottleRack – Store your bottles safely and within easy reach.
- ✓ freshSense – Maintains the inside temperature to keep food fresh for longer
- ✓ LED light – Even lighting throughout the inside of your fridge to keep everything in view.
- ✓ superFreezing – Quick-freeze even large amounts of food.

Features

Technical Data

Energy Efficiency Class:	E
Average annual energy consumption in kilowatt hour per year (kWh/a):	234 kWh/annum
Sum of volume of frozen compartments:	76 l
Sum of volume of chill compartments:	184 l
Airborne acoustical noise emissions :	35 dB(A) re 1 pW
Airborne acoustical noise emission class:	B
Design:	Built-in
Door panel options:	Possible but accessory
Height:	1772 mm
Width of the appliance:	541 mm
Dimensions:	548 mm
Min. required niche size for installation (HxWxD):	1775.0 x 560 x 550 mm
Weight:	54.6 kg
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:	No
Reversible Door Hinge:	Yes
Number of Adjustable Shelves in fridge compartment (Stck):	3
Shelves for Bottles:	Yes
Frost free system:	Freezer
Installation type:	Fully integrated



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Features

- easy Installation

Performance and Consumption

- EU19_EEK_D: E
- Total Volume : 260 l
- Net Fridge Volume : 184 l
- Net Freezer Volume : 76 l
- Freezing capacity 24h : 4 kg
- Annual Energy Consumption: 234 kWh/a
- Climate Class: SN-ST
- EU19_Fast freezer facility_D
- Noise Level : 35 dB , EU19_Noise emission class_D: B
- Temperature rise time : EU19_Temperature rise time_D: 10 H

Functions

- Bright interior LED fridge light in fridge section

Design features

- Home Connect: iService Remote, Remote Monitoring and Control with Wi-Fi connectivity
- Electronic control (LED chain)
- superFreeze function with automatic deactivation
- Optical and acoustical door open warning system

Design features

Food freshness system

Dimension and installation

- Right hinged door, door reversible
- Dimensions: 177.2 cm H x 54.1 cm W x 54.8 cm D
- Niche Dimensions: 177.5 cm H x 56 cm W x 55 cm D
- 220 - 240 V

Key features - Fridge section

- 4 safety glass shelves in fridge compartment of which 3 are height adjustable
- 3 door trays, including 0x dairy compartment
- 1 removable door storage compartments.
- 3 door bins

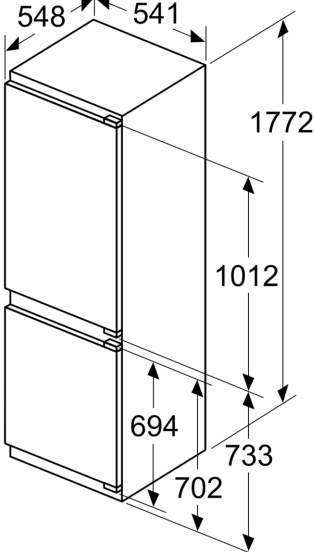
Key features - Freezer section

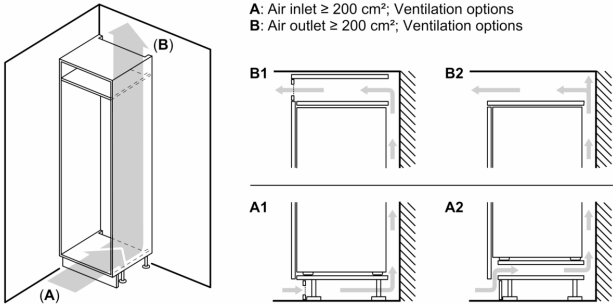
- NO_FROST_NEU_BL, never have to defrost ever again
- 3 freezer drawers
- 3 x egg tray, 2 x ice cube tray
- Net 4* compartment volume : 76 l

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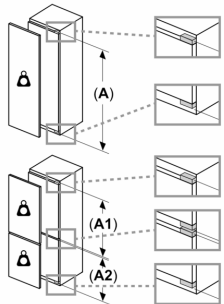
Dimensioned drawings

measurements in mm



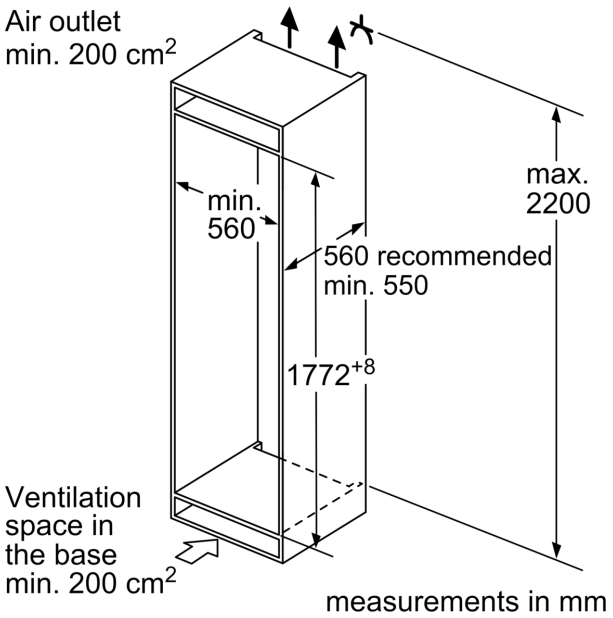


A: Air inlet $\geq 200\text{ cm}^2$; Ventilation options
B: Air outlet $\geq 200\text{ cm}^2$; Ventilation options



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
 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	
A1	15	19	B+5 / C+5
A2	15	19	



Air outlet
min. 200 cm^2

min. 560

560 recommended
min. 550

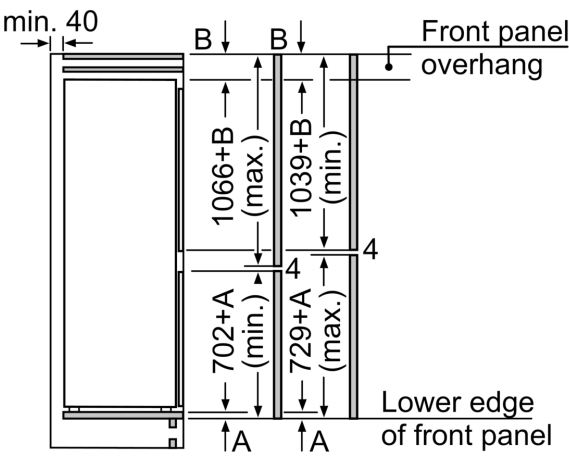
max. 2200

1772⁺⁸

Ventilation
space in
the base
min. 200 cm^2

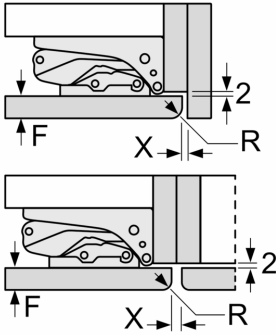
measurements in mm

Dimensioned drawings



The specified unit door dimensions are valid for a door gap of 4 mm.
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.