

iQ500, Built-in fridge-freezer with
freezer at bottom, 177.2 x 55.8
cm, soft close flat hinge
KI86NHDF0



KS10Z020	Bottle Rack
KSGGZM00	Butter box

large bottom freezer with hyperFresh plus Box to keep fruit and vegetables fresh up to 2 times longer, plus noFrost for no more defrosting.

- ✓ hyperFresh plus: keeps fruit and vegetables fresher for longer.
- ✓ noFrost – Never defrost your freezer again.
- ✓ The bigBox offers plenty of space to store and stack large frozen items efficiently.
- ✓ Door closes automatically and softly when it is open at a 20° angle or less - Soft closing.
- ✓ bottleRack – Store your bottles safely and within easy reach.

Energy Efficiency Class:	F
Average annual energy consumption in kilowatt hour per year (kWh/a):	277 kWh/annum
Sum of volume of frozen compartments:	67 l
Sum of volume of chill compartments:	187 l
Airborne acoustical noise emissions :	39 dB(A) re 1pW
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:	69.0 kg
Connection Rating:	90 W
Fuse protection:	10 A
Door opening:	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:	2
Interior ventilator:	Yes
Reversible Door Hinge:	Yes
Number of Adjustable Shelves in fridge compartment:	4
Shelves for Bottles:	Yes
Frost free system:	Freezer
Installation type:	Fully integrated



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Functions

- LED fridge light with Soft Start in fridge section

Design features

- LED display for fridge and freezer
- VitaControl - constant temperature by intelligent sensor technology - Constant temperature control by intelligent sensor technology
- Home Connect: Remote Monitoring and Control with Wi-Fi connectivity
- Twin evaporators allows independent temperature control and ensures there is no transference of humidity between the fridge and freezer cavity.
- Super Cooling: automatic deactivation
- SuperFreeze with Manual/automatic activation
- Holiday mode
- Acoustic open door warning system
- Freezer malfunction warning signal: Optical and acoustical

Design features

- 5 safety glass shelves (4 height adjustable)
- 5 door trays, including 1x dairy compartment

Freshness System

- 1 hyperFresh plus box with adjustable humidity - keeps fruit and vegetables fresh for longer.

Food freshness system

- NO_FROST_NEU_BL, never have to defrost ever again
- Removable safety glass shelves for extra space
- 3 transparent freezer drawers, 1 bigBox

Dimension and installation

- 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

Key features - Fridge section

- Right hinged door, door reversible
- Connection value 90 W
- 220 - 240 V

Key features - Freezer section

- 3 x egg tray, 2 x ice cube tray, 1 x bottle holder in door tray
- bottle holder in door tray

Country Specific Options

- Based on the results of the standard 24-hour test. Actual consumption depends on usage/position of the appliance.

Design features

Dimension and installation

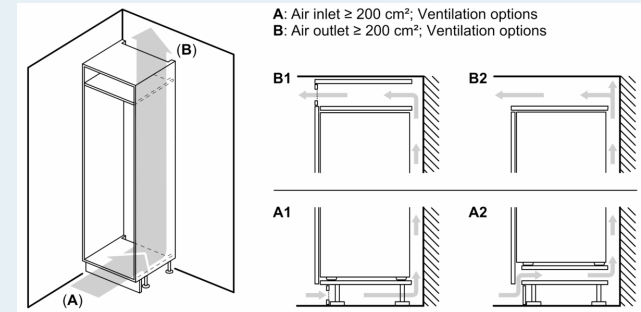
Additional features

Performance and Consumption

- EU19_EEK_D: F

- Total Volume : 254 l
- Net Fridge Volume : 187 l
- Net Freezer Volume : 67 l
- Freezing capacity 24h : 6 kg
- Annual Energy Consumption: 277 kWh/a
- Climate Class: SN-ST
- Noise Level : 39 dB , EU19_Noise emission class_D: C
- Temperature rise time : EU19_Temperature rise time_D: 9 H

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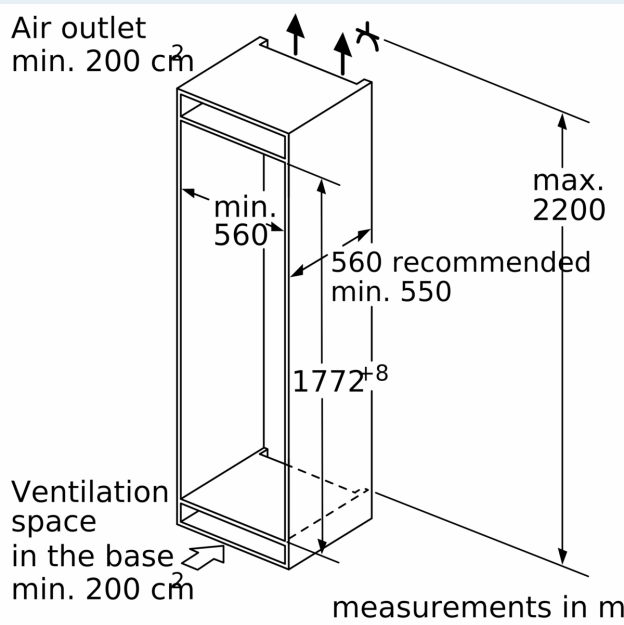
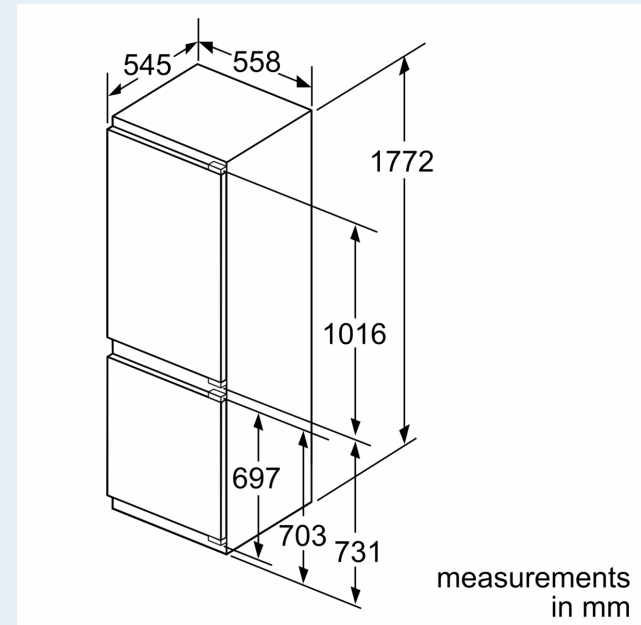
Maximal permissible weight of the unit fronts

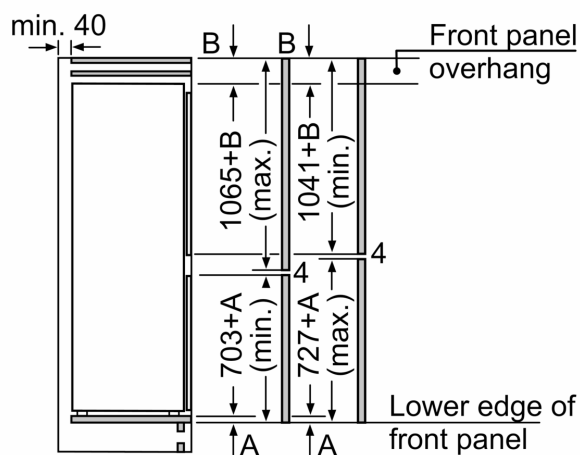
Fitted unit fronts that exceed the permissible weight may cause damage and result in functional impairment of the hinges

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

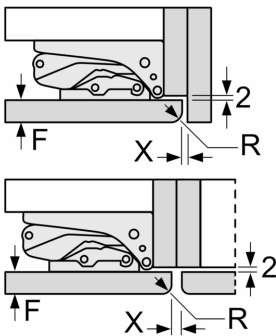
A	B	C	D
1500-1750	22	22	
720-1400	19	19	B+5 / C+5
A1	15	19	
A2	15	19	





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.