

N 90, Induction cooktop, 80 cm, Flex Design
V68YYX4C0



Optional accessories

Z1365WX0 : Wireless food thermometer , Z811DU0 : Acoustics Filter , Z821PD1 : , Z821VR1 : , Z861KE1 : Exhaust kit , Z861KR0 : Recirculation kit 2 L-bow (70cm) , Z861KR1 : , Z861KR2 : , Z861SB1 : , Z861SB2 : , Z861SB3 : , Z861SB4 : , Z861SI0 : , Z861SI1 : , Z861SM1 : , Z861SM2 : , Z861SS1 : , Z861SS2 : , Z9301CO10 : , Z9401FF0 : Flex Pan, large , Z9401TY0 : Teppan Yaki , Z9403FF0 : Flex Pan set, 3 pcs. , Z9404FF0 : Flex Pan set, 4 pcs. , Z9404SE0 : , Z9406SE0 : 6 pieces Set , Z9410ES0 : , Z9410X1 : Stainless Steel roaster with glas lid , Z9415X1 : Steaming Rack for Stainless Steel roaste , Z9416X2 : Griddle Plate , Z9417X2 : Teppan Yaki (large) , Z9428FE0 : Iron pan Ø 18 / 28 cm , Z943SE0 : Set of 2 pots and 1 pan , Z9801TWAY0 : Twist Pad Flex, Anthracite Grey , Z9801TWBY0 : Twist Pad Flex, Brushed Bronze , Z9801TWDY0 : Twist Pad Flex, Deep Black , Z9801TWMY0 : Twist Pad Flex, Metallic Silver , Z9802PFAY0 : Flex Design trims hob Anthracite Grey , Z9802PFBY0 : Flex Design trims hob, Brushed Bronze , Z9802PFDY0 : Flex Design trims hob Deep Black , Z9802PFMY0 : Flex Design trims hob Metallic Silver

This induction cooktop with integrated ventilation combines two appliances in one for a clear view while cooking.

- ✓ Twist Pad Flex® - An easy to spin dial for effortless control of your cooktop.
- ✓ Flex Design - Personalise your cooktop with separately selectable Twist Pad Flex® and frame elements.
- ✓ Flex Induction - Your cooktop detects and heats your individual cookware.
- ✓ Intuitive Flex Zones - Place your cookware! Size, shape and position are recognised instantly.
- ✓ Automatic Air Sensor: Constantly adjusts the extraction rate to match the situation in the kitchen.

Features

Technical Data

Product name/family : Cooking zone ceramic
Built-in / Free-standing : Built-in
Energy input : Electric
Min. required niche size for installation (HxWxD) : 223 x 750-750 x 490-500 mm
Width of the appliance : 834 mm
Dimensions (HxWxD) : 223x834x527 mm
Dimensions of the packed product (HxWxD) : 430 x 940 x 660 mm
Net weight : 25.4 kg
Gross weight : 31.8 kg
Residual heat indicator : separate
Location of control panel : Front
Basic surface material : Ceramic
Color of surface : Black
Color of frame : Choose from Brushed Bronze, Anthracite Grey, Deep Black or Metallic Silver
Length electrical supply cord : 110.0 cm
Sealed Burners : No
Heating with booster : All
Power of 2nd heating element (kW) : 3.3 kW
Maximum output air extraction : 500 m³/h
Boost position output recirculating : 595.0 m³/h
Maximum output recirculating air : 499 m³/h
Boost position air extraction : 622 m³/h
Noise level : 69 dB(A) re 1pW
Odour filter : No
Voltage : 220-240/380-415 V
Frequency : 50-60 Hz
Included accessories : 1 x Slider for unducted recirculation, 1 x Clean Air Plus odor filter



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Features

- 80 cm Venting Cooktop Induction: space for 4 pots or pans.

Flexibility of cooking zones

- 2x FlexZones: use cookware of any shape or size anywhere within the 40cm long zone.
- Cooking zone front left: 200 mm, 230 mm, 2.2 KW (max. power 3.7 KW)
- Cooking zone rear left: 200 mm, 230 mm, 2.2 KW (max. power 3.7 KW)
- Cooking zone rear right: 200 mm, 230 mm, 2.2 KW (max power 3.7 KW)
- Cooking zone front right: 200 mm, 230 mm, 2.2 KW (max. power 3.7 KW)

Usage convenience

- Twist Pad Flex® (select your favourite out of 4 colours): directly control the power with the removable magnetic knob.
- Light Dialog with two coloured display (white/red): see which cooking zone is heating and which function is in use on the two-coloured display.
- Favourite Button: directly access favourite functions with a configurable button (available with connected Home Connect account).
- 17 power levels for each cooking zone: precisely adapt the heat with 17 power levels (9 main levels and 8 intermediate levels).
- Switch-off timer: switches off the cooking zone at the end of the time set (e.g. for boiled eggs).
- Count-down-timer (can be chosen instead of switch-off timer): an alarm sounds at the end of the time set (e.g. for pasta).
- Sound volume adaptable to personal preference and needs.

Time saving & efficiency

- Power Boost function for all cooking zones: boil water faster with up to 50% more energy than at the highest standard level.
- Cooking zones will automatically join and separate based on the shape and size of the cookware placed.
- PowerTransfer: when moving a pot to a different cooking zone, transfer all previous settings to the new zone at the touch of a button.
- When moving a pot on the Flex zone, the settings adjust instantly and the cooking zone adapts to the size of the cookware
- Automatic zone selection: when switched on, the cooktop automatically selects the cooking zone on which a new cookware is placed.
- QuickStart - Quick and automatic first pot detection: when switching on, the cooktop automatically selects the cooking zone with cookware on it.
- ReStart function: in case of unintentional switch-off, restore all previous settings by switching on the cooktop again within 4 seconds.

Cooking assistance

- Frying Sensor Plus sensor: choose from 11 predefined temperatures in a range from 70°C up to 220°C for perfect results every time.
- Dish assistant: easily find the right temperature setting for a certain dish via the Home Connect app.

Connectivity

- Remote Monitoring and Control: check if the cooktop is switched off even when not at home, and find recipes or additional functions in the Home Connect app.
- Smart home trigger, via Favourite button (available with connected Home Connect account): open up the smart universe from your cooktop (partner service required).
- Updateable appliance (available with connected Home Connect account): easily keep your appliance up to date with the latest software.

Design

- Flex Design: exchangeable side trims (select your favourite out of 4 colours)
- Neff Collection exclusive zone printing: minimalistic design thanks to dark coloured zone printing.

Safety

- Residual heat indicator: Digital 2-step: indicates which cooking zones are still hot or warm.
- Child safety lock: prevent unintended activation of the cooktop.
- Main switch: switch off all cooking zones at the touch of a button.
- Automatic safety switch-off: for safety reasons, heating stops after a preset time without interaction.

Installation

- Dimensions of the product (HxWxD mm): 223 x 834 x 527
- Required niche size for installation (HxWxD mm) : 223 x 750 x (490 - 500)
- Min. worktop thickness: 16 mm
- Connected load: 7.4 KW
- Power cord: 1.1 m, Cable included

Accessories

- Clean Air Plus odor filter, Slider for unducted recirculation included

Integrated ventilation downdraft system

- Induction cooktop with fully integrated high-performance downdraft extractor.
- Aesthetically integrated fully flush air intake design with floating, heat resistant glass ceramics element for free movement and placement of cookware.
- Ventilation system with 17 electronically controlled fan power levels and 2 Boost-/Intensive fan power levels (with automatic

Features

- revert) via Twist Pad Flex® (select your favourite out of 4 colours) user interface.
- Automatic switch-on of ventilation system when a cooking zone is used.
- Sensor-based and cooktop-based, fully-automatic adjustment of power levels via advanced algorithm for maximum convenience.
- 3 possible sensitivity modes of algorithm for maximum convenience (Low-noise oriented, balanced, performance-oriented).
- Automatic delayed shut-off after cooking to erase residual odors after cooking (in specific ultra low-noise fan level, 12min in ducted extraction, 30min in recirculated extraction, can be shut-off manually).
- High-performance, low-noise blower with energy-efficient BLDC-technology. High extraction rates at very low noises with pleasant noise frequencies through psycho-acoustically and aerodynamically optimized interior with enclosed, non-visible blower. Highly pressuredrop resistant even with longer and more complex ductings.
- Suitable for ducted or recirculated extraction configuration (incl. differentiated software modes). Installation accessories for unducted recirculation, among these four cleanAir odor filters and a telescopic slider element, are included in the cooktop. Accessories for other installation options are available, details in the planning notes.
- Easy-to-detach and easy-to-clean grease filter and liquid collector unit:
- Integrated, large-scale, high performance stainless-steel grease filters with 12 filtration layers and one black top layer for enhanced aesthetical integration.
- All parts of the unit are easy-to-clean, fully dishwasher safe and heat resistant.
- (Upper) Liquid collector unit with 200ml of capacity for standard accidental spillages or cooking condensate.
- Powerful drainage system for spillages that exceed 200ml of liquids.
- Liquid safety collector with additional capacity of 700ml for more severe accidental situations. Dishwasher safe. Easily accessible and detachable from below.
- Overall capturing capacity of 900ml (200ml + 700ml).
- Watertight blower system.
- Extraction performance in ducted extraction (according to EN 61591): min. normal setting 154 m3/h , max. normal setting 500 m3/h , max. Boost-/Intensive setting 622 m3/h .
- Extraction performance in recirculated extraction (according to EN 61591): min. normal setting 132 m3/h , max. normal setting 499 m3/h , max. Boost-/Intensive setting 595 m3/h.
- - Noise level in ducted extraction (Sound power level according to EN 60704-3): min. normal setting 42 dB re 1 pW, max. normal

- setting 69 dB re 1 pW, max. Boost-/Intensive setting 74 dB re 1 pW.
- - Noise level in recirculated extraction (Sound power level according to EN 60704-3.): min. normal setting 41 dB re 1 pW, max. normal setting 68 dB re 1 pW, max. Boost-/Intensive setting 72 dB re 1 pW.
- - Large scale filter surface with high odor reduction capabilities.
- - cleanAir odor filters: Lifetime of 360 hours of cooking (non-regenerative).

Planning & installation notes

- Suitable for ducted or recirculated extraction installations in 4 different options (unducted, partly and fully ducted recirculation or ducted extraction). Installation accessories for unducted recirculation, among these four cleanAir odor filters and a telescopic slider element, are included in the cooktop. The included accessories allow easy and quick installations and can be planned in all worktop depths ≥60cm. For other types of installation, one of the following accessory kits is recommended:
- Z861KR0 for partly-ducted recirculation in worktops of 70cm depth of ≥70cm depth with max. worktop height of 960 mm.
- Z861KE1 as starter kit for ducted extraction in worktops of ≥60cm depth.
- To complete the fully ducted extraction or to do any other individual recirculation planning different ducting accessories are available.
- Planning suggestions:
- - Installation is possible in island as well as wall oriented configurations.
- - The product and its accessories comply with the Needle Flame Test (according to IEC 60695-11-5) and the B1/B2 building material class (according to DIN 4102-1).
- - The max. immersion depth is 223mm below glass for top mounted appliances and 227mm for flush installed appliances.
- - The appliance must be freely accessible from below (i.e. for accessing the lower liquid safety collector).
- - No false floor is necessary below the cooktop with integrated downdraft ventilation system. The drawers and/or shelves in the floor unit must be removable. The backpanel of the floor unit can be kept - only a cut-out for the air outlet is needed (position and size can be taken from the installation instructions).
- - Installation kit Z821UD0 for unducted recirculation requires a vertical aperture of min. 25mm behind the backpanel of the furniture. Suggested for ideal performance are 50mm.
- - The minimum worktop thickness is 16mm for top mounted and flush installed appliances with the standard installation system. Installation in even thinner worktops is also possible with the spare part: 626792.
- - The overall appliance weight is 26kg - the bearing capacity and stability, in the case of very thin worktops in particular, must be supported using suitable substructures. The overall appliance

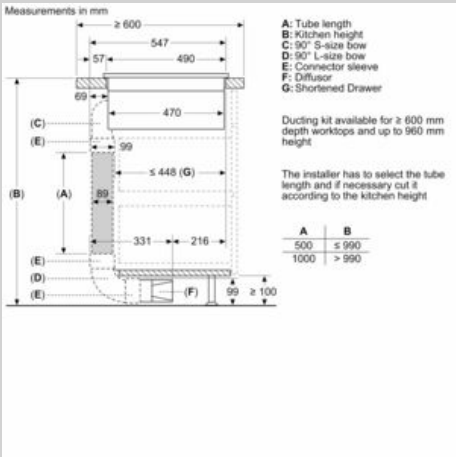
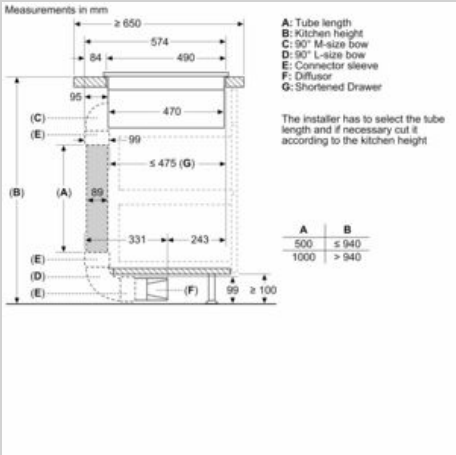
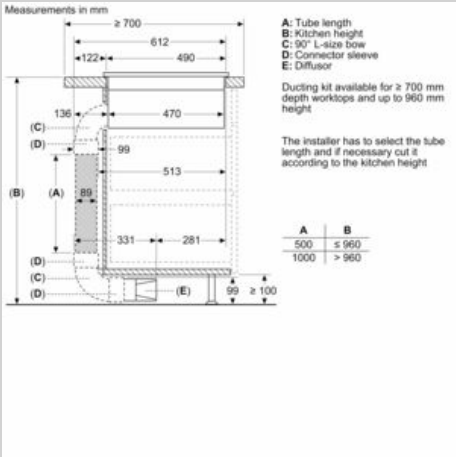
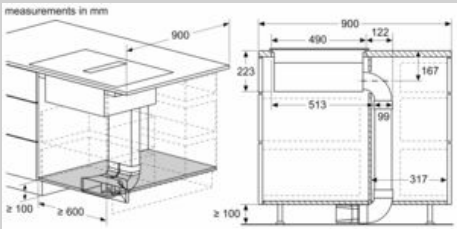
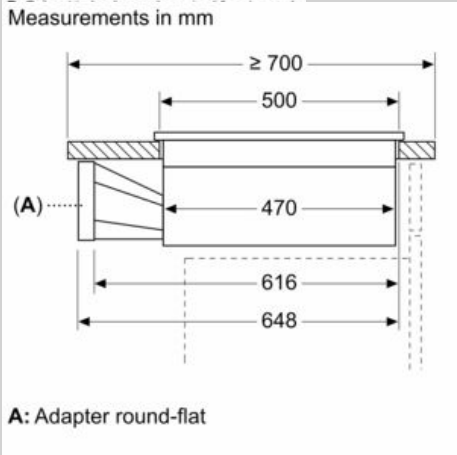
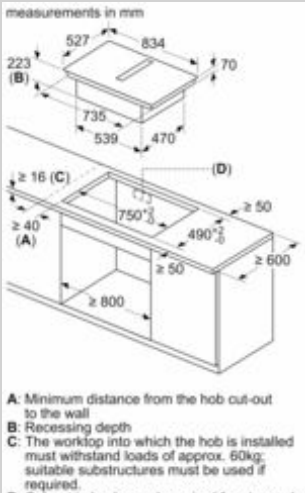
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Features

- weight and the worktop manufacturer's structural integrity specifications are to be taken into account.
- - For partly ducted and unducted recirculation extraction installations, a return-flow aperture of $\geq 400\text{cm}^2$ is to be respected in the plinth area. The aperture can be realized via outlet grids, lamella grids or subtly shortened plinths depending on the assortment of the kitchen furniture manufacturer.
 - - The air outlet on the backside of the appliance can directly be accessed with a male flat duct element (DN 150).
 - - The pressuredrop resistant blower allows longer and more complex ductings up to 8m with three 90° bows while keeping sufficient performance.
 - - In ducted extraction configuration a one-way flap (or backflow trap) with a maximum opening pressure of 65Pa should be installed.

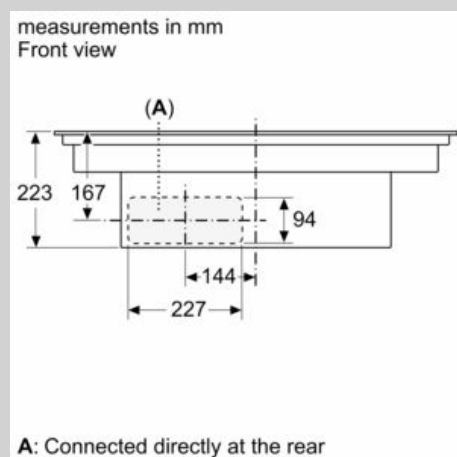
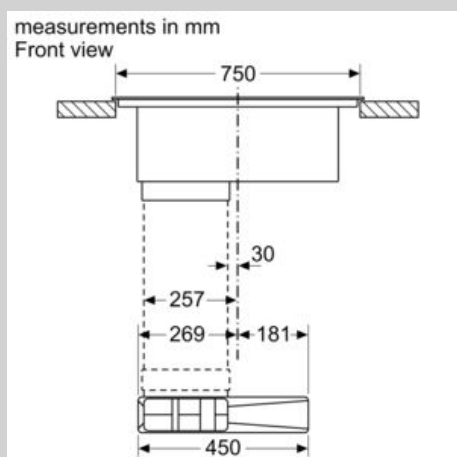
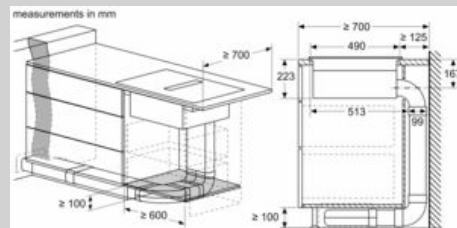
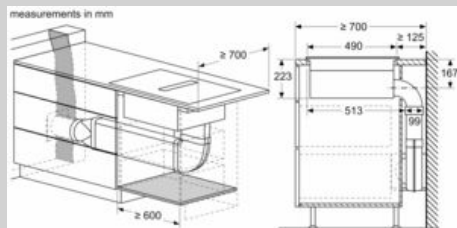
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Dimensioned drawings

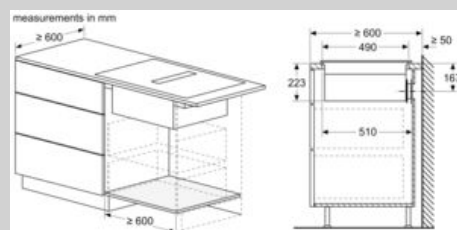
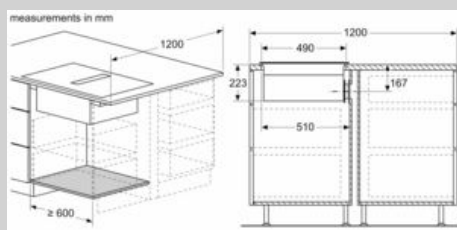


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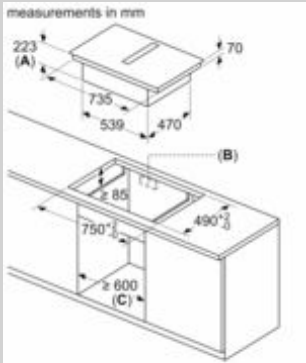


A: Connected directly at the rear

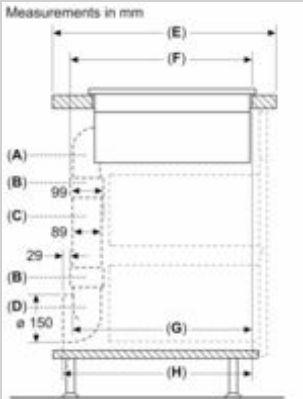
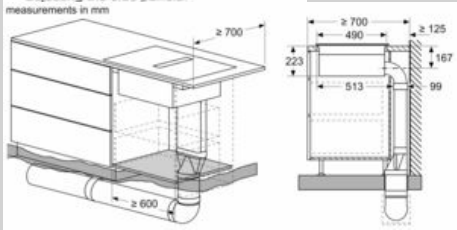


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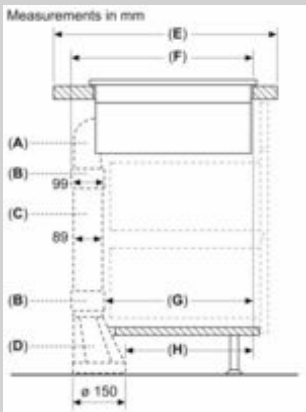
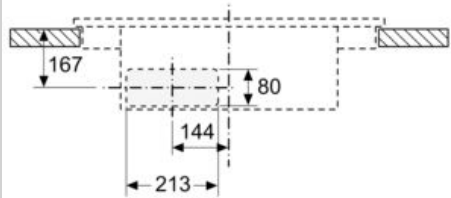


- A:** Recess depth
B: Cut-out in back panel required for pipework. Exact size and position can be taken from specific drawing.
C: All 80 cm width class models can be installed in 60 cm wide furniture by adjusting the side panels.

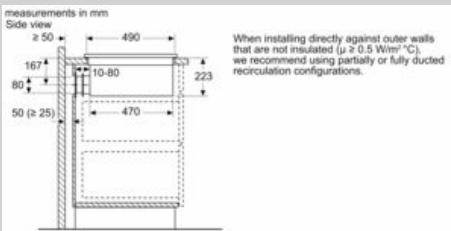


A	E	F	G	H
S-size	≥ 600	547	545	579
M-size	≥ 650	574	569	603
L-size	≥ 700	612	615	643

measurements in mm
Front view – unit cut-out
for unducted recirculation



A	E	F	G	H
S-size	≥ 600	547	451	389
M-size	≥ 650	574	475	413
L-size	≥ 700	612	515	453



When installing directly against outer walls that are not insulated ($\mu \geq 0.5 \text{ W/m}^2 \cdot \text{K}$), we recommend using partially or fully ducted recirculation configurations.

- A:** 90° Bow
B: Connector sleeve
C: Straight tube
D: Straight adapter round-flat