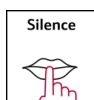


N 70, Induction hob with integrated ventilation system, 70 cm,
flush mount
U57PHQ4C0



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

- ✓ Twist Touch® - Control your hob with a twist of your finger.
- ✓ Combi Induction – Combine two circular cooking zones to heat large cookware.
- ✓ Extraction Rate: Extremely efficient steam and odour removal thanks to an efficient motor technology.
- ✓ Reduced Noise: The ventilation system is extremely quiet even at high power levels.
- ✓ Easy-clean Filters: Easy to remove and dishwasher-safe.

Features

Technical Data

Product name/family : Cooking zone ceramic
 Built-in / Free-standing : Built-in
 Energy input : Electric
 Total number of positions that can be used at the same time : 4
 Width of the appliance : 684 mm
 Dimensions : 227x684x512 mm
 Dimensions of the packed product (HxWxD) : 430 x 950 x 670 mm
 Net weight : 24.2 kg
 Gross weight : 30.6 kg
 Residual heat indicator : yes
 Location of control panel : Front
 Basic surface material : Ceramic
 Color of surface : Black
 Length electrical supply cord : 110.0 cm
 Sealed Burners : No
 Boost function for pots : All cooking zones
 Power of 2nd heating element (kW) : 3.6 kW
 Number of speed settings : 9-stage + 2 intensive
 Maximum output air extraction : 500 m³/h
 Boost position output recirculating : 595.0 m³/h
 Maximum output recirculating air : 487 m³/h
 Boost position air extraction : 622 m³/h
 Noise level : 69 dB(A) re 1pW
 Odour filter : No
 Clean filter reminders : Yes
 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

Optional accessories

Z1365WX0 : Wireless food thermometer , Z811DU0 : Acoustics Filter , Z821PD1 : Plinth Diffusor , Z821VR1 : Clean Air Plus odor filter (replacement) , Z861KR0 : Recirculation kit 2 L-bow (70cm) , Z861KR1 : Recirculation kit S and L-bow (60cm) , Z861SB1 : 90° flat duct bend horizontal , Z861SB2 : 90° flat duct L vertical , Z861SB3 : 90° flat duct M vertical , Z861SB4 : 90° flat duct S vertical , Z861SI0 : Adapter round-flat , Z861SI1 : 90° Adapter round-flat , Z861SM1 : Straight tube 500mm , Z861SM2 : Straight tube 1000mm , Z861SS1 : Connector sleeve (female) , Z861SS2 : Flex sleeve (female) , Z9404SE0 : 4 pieces Set , Z9406SE0 : 6 pieces Set , Z9410ES0 : Espresso maker 4 cups , Z943SE0 : Set of 2 pots and 1 pan



N 70, Induction hob with integrated ventilation
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Features

- 70 cm: space for 4 pots

Flexibility of cooking zones

- 2 Combi Zones
: use bigger cookware by connecting two classic cooking zones into one large zone.
- Cooking zone front left: 190 mm, 210 mm, 2.5 KW (max. power 3.7 KW)
- Cooking zone rear left: 190 mm, 210 mm, 2.5 KW (max. power 3.7 KW)
- Cooking zone rear right: 190 mm, 210 mm, 2.5 KW (max power 3.7 KW)
- Cooking zone front right: 190 mm, 210 mm, 2.5 KW (max. power 3.7 KW)

Usage convenience

- Twist Touch®: directly control the power with the imprinted touch ring.
- Favourite button: directly access favourite functions with a configurable button (available with connected Home Connect account).
- 17 power levels: precisely adapt the heat with 17 power levels (9 main levels and 8 intermediate levels).
- Keep warm, selectable via Favourite button/Home Connect App (expected availability in Q4/2024 via software update for appliances connected to Home Connect): keep dishes warm at preset low power level.
- Switch-off timer (on appliance): 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 for all zones: boil water more quickly thanks to 50% more energy than at the highest standard level.
- Pan boost, selectable via Favourite button/Home Connect App (expected availability in Q4/2024 via software update for appliances connected to Home Connect): heat up pans more quickly than at the highest standard level while protecting the pan coating.
- Quick Start Function: when switching on, the hob automatically selects the cooking zone with cookware (placed in off-mode).
- Re Start Function: in case of unintentional switch-off, restore all previous settings by switching on the hob again within 4 seconds.

Cooking assistance

- Extended Frying Sensor: prevents scorching with the automatic temperature regulation of the integrated sensor.
- Dish assistant, via Home Connect App (expected availability in Q4/2024 via software update for appliances connected to Home Connect): easily find the right temperature setting for a certain dish via the Home Connect app.

Connectivity

- Home Connect (only in countries where Home Connect service is available): check if the hob 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): keep appliance always up to date with latest status of software.

Design

- Flush-Top Frame installation: seamless transition of hob and worktop makes cleaning easier and integrates the hob beautifully.
- Neff Collection exclusive zone printing: minimalistic design thanks to dark colour of zone printing.

Safety

- Residual heat indicator (2 stage): indicates which cooking zones are still hot or warm.
- Childproof lock: prevent unintended activation of the hob.
- Pause function: pause the heating process, e.g. to answer the door.
- Main Switch: switch off all cooking zones at the touch of a button.
- Safety switch-off: for safety reasons, heating stops after a preset time without interaction.

Installation

- Dimensions of the product (HxWxD mm): 227 x 684 x 512
- Required niche size for installation (HxWxD mm): 227 x 689 x 516
- Min. worktop thickness: 16 mm
- Connected load: 7400 W
- Powermanagement function: limit the maximum power if needed (depends on fuse protection of electric installation).
- Power cord: 1.1 m without plug, loose insert in packaging (electrical connection by electrician necessary)

Accessories

- Clean Air Plus odor filter, Slider for unducted recirculation included
- For installation in stone, granitic or synthetic worktops. Other worktop materials require a suitability check with the worktop manufacturer.
- Installation into 60 cm floor cupboard possible

Integrated ventilation downdraft system

- Induction cooktop with fully integrated high-performance downdraft extractor.
- Suitable for ducted or recirculated extraction configuration (incl. differentiated software modes). Installation accessories for unducted recirculation, among these four Clean Air Plus odour filters and a telescopic slider element, are included in the cooktop.

*N 70, Induction hob with integrated ventilation
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Features

Accessories for other installation options are available, details in the planning notes.

- Aesthetically integrated fully flush air intake design with floating, heat resistant glass ceramics element for free movement and placement of cookware.
- - Automatic switch-on of ventilation system when a cooking zone is used.
- - 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.
- Easy-to-detach and easy-to-clean grease filter and liquid collector unit:
- - Convenient one-hand removal of unit via floating glass ceramics handle.
- - Integrated, large-scale, high performance stainless-steel grease filters with 12 filtration layers and one black top layer for enhanced aesthetical integration. Grease filtration efficiency of 94 %.
- - 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.
- Ventilation system performance:
- - 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 117 m³/h , max. normal setting 487 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.

- - Grease filter efficiency (according to EN 61591) 94 %.
- Consumption data and energy efficiency (according to Regulation (EU) No 65/2014):
- - Energy Efficiency Class: B (at a range of energy efficiency classes from A+++ to D).
- - Fluid Dynamic Efficiency: A .
- - Average energy consumption: 57 .
- Grease filtration efficiency class: B .
- - Noise min. normal setting & max. normal setting: 42 dB & 69 dB .
- For recirculation configuration: 2 x 2 battery of directly integrated, high-performance Clean Air Plus odour filters.
- - Optimized odor reduction performance for cooking applications with complex odor molecules (e.g. fish).
- - Large scale filter surface with high odor reduction capabilities.
- - Anti-pollen functionality: The filter retains an extremely high amount of airborne pollen and deactivates allergens which are retained by the filter.
- - Lifetime of 6-12 months (non-regenerative).
- - Low-noise filters with optimized psycho-acoustics.
- - Easy-to-access and easy-to-remove from above.
- - Replenishment Clean Air Plus odour filter set Z821VR1.
- For ducted extraction configuration: 2 x 2 Battery of directly integrated, high-performance low-noise acoustic filters for significantly lower noise and improved psycho-acoustics.

Planning 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 Clean Air Plus odour 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 ≥ 60 cm. For other types of installation, one of the following accessory kits is recommended:
- Z861KR1 for partly-ducted recirculation in worktops of ≥ 60 cm depth with max. worktop height of 960 mm. Z861KR0 for partly-

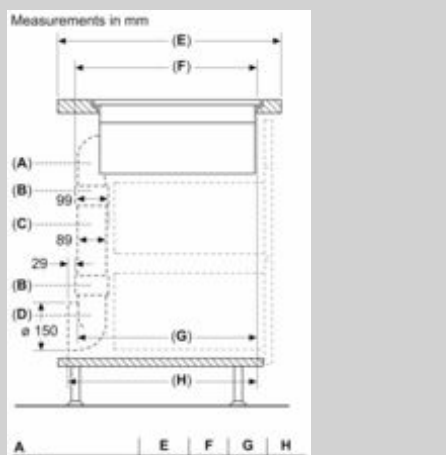
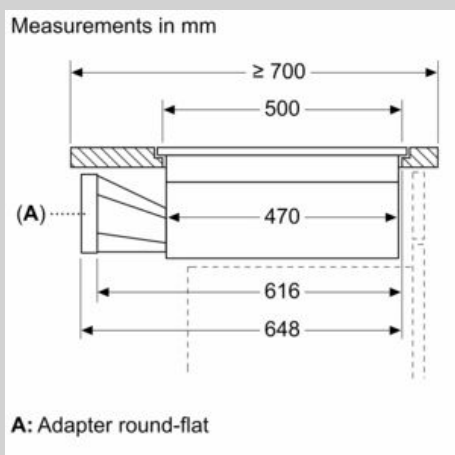
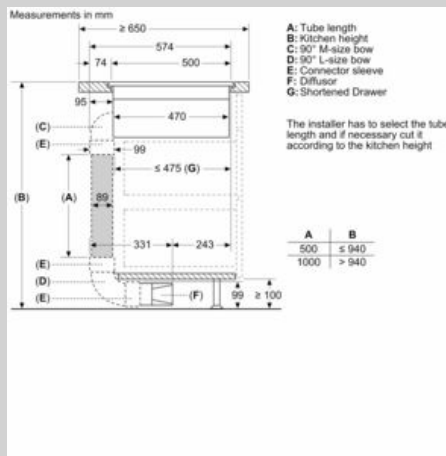
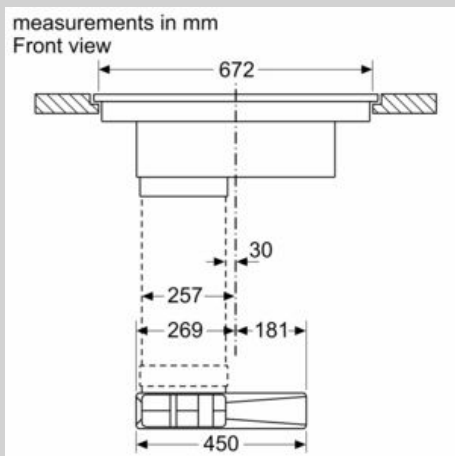
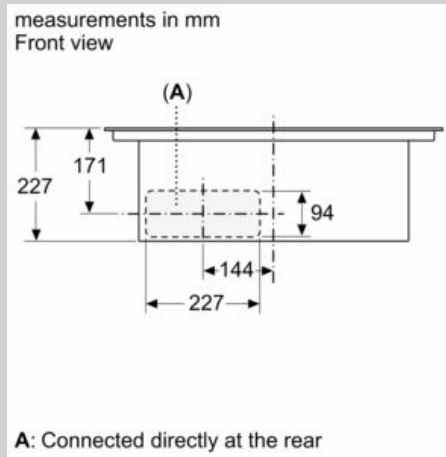
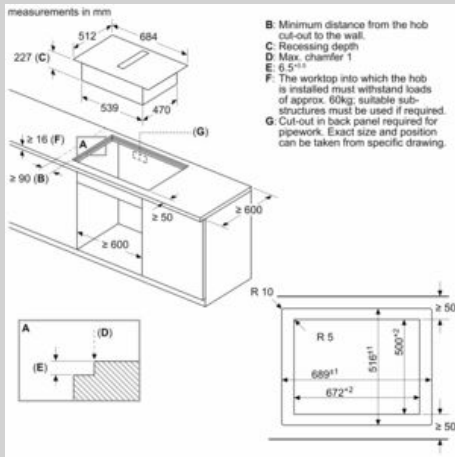
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system, 70 cm, flush mount
U57PHQ4C0*

Features

- ducted recirculation in worktops of 70cm depth of ≥ 70 cm depth with max. worktop height of 960 mm.
- Z861KE1 as starter kit for ducted extraction in worktops of ≥ 60 cm 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 227 mm below worktop surface.
 - - 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).
 - - An installation with 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 16 mm for top mounted and flush installed appliances with the standard installation system.
 - - 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 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.
 - - When installing an venting cooktop with ducted extraction and a chimney-vented fireplace, the power supply line of the appliance needs a suitable safety switch. This is not required for configurations in recirculated extraction.
 - - 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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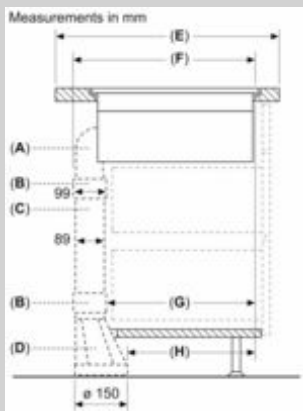
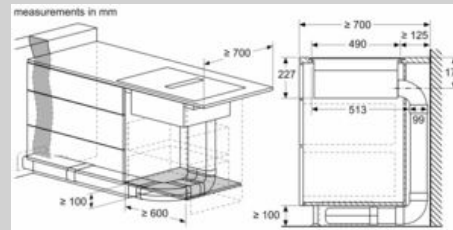
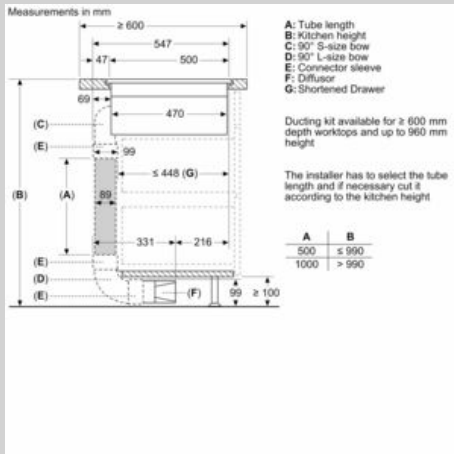
Dimensioned drawings



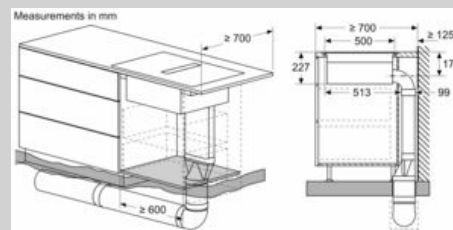
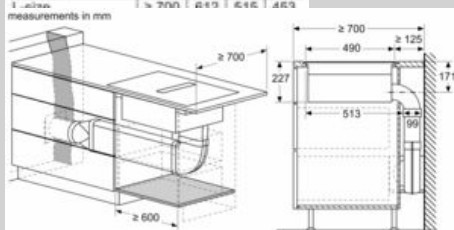
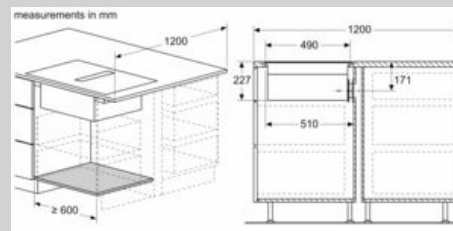
A: 90° Bow
B: Connector sleeve
C: Straight tube
D: 90° Adapter round-flat

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Dimensioned drawings



A	E	F	G	H
S-size	≥ 600	547	451	389
M-size	≥ 650	574	475	413



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Dimensioned drawings

