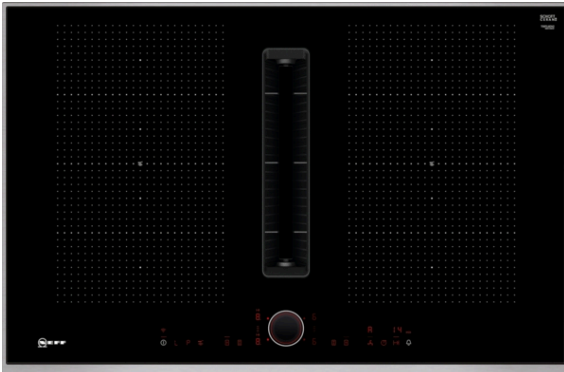


N 90, Induction cooktop, 80 cm, surface mount with frame
T58TL6EN2



COOKING PASSION SINCE 1877



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

- ✓ Flex Induction – flexibility to position different sized pans on your cooktop.
- ✓ Power Move – Just slide your cookware to adjust the temperature.
- ✓ TwistPadFire® – our removable, magnetic, illuminated control dial that gives you precise control over all cooking zones.
- ✓ Automatic Air Sensor – Constantly adjusts the extraction rate to match the situation in the kitchen.
- ✓ Reduced Noise – our optimized motor guarantees a quiet cooking experience.



Features

Technical Data

Product name/family : Cooking zone ceramic
 Construction type : Built-in
 Energy input : Electric
 Required niche size for installation (HxWxD) : 223 x 750-750 x 490-490 mm
 Width of the appliance : 826 mm
 Dimensions (HxWxD) : 223 x 826 x 546 mm
 Dimensions of the packed product (HxWxD) : 430 x 940 x 660 mm
 Net weight : 28.6 kg
 Gross weight : 33.5 kg
 Residual heat indicator : separate
 Location of control panel : Hob front
 Basic surface material : Ceramic
 Color of surface : Black, Stainless steel
 Color of frame : Stainless steel
 Approval certificates : CE, VDE
 Length electrical supply cord : 110 cm
 Knob Material : Plastic
 Sealed Burners : No
 Heating with booster : All
 Power of 2nd heating element (kW) : 3.3 kW
 : 3.7 kW
 Maximum output air extraction : 500 m³/h
 Boost position output recirculating : 615.0 m³/h
 Maximum output recirculating air : 500 m³/h
 Boost position air extraction : 622 m³/h
 Noise level : 69 dB(A) re 1 pW
 Odour filter : No
 Operating Mode : Convertible
 Delay Shut off modes : 30 min
 Electrical connection rating : 7400 W
 Voltage : 220-240/380-415 V
 Frequency : 50-60 Hz
 Main colour of product : Black
 Approval certificates : CE, VDE
 Length electrical supply cord : 110 cm
 Required niche size for installation (HxWxD) : 223 x 750-750 x 490-490 mm
 Dimensions (HxWxD) : 223 x 826 x 546 mm
 Dimensions of the packed product (HxWxD) : 430 x 940 x 660 mm
 Net weight : 28.6 kg
 Gross weight : 33.5 kg
 Included accessories : 1 x adjustment strip 750 - 780 mm, 1 x Clean Air Standard odor filter



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COOKING PASSION SINCE 1877

Features

- Cooking zones will be automatically joined or separated based on the shape and size of the cookware placed.

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 revert) via TwistPad® Fire 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.
- Optionally manual control possible by TwistPad® Fire.
- 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 150 m³/h , max. normal setting 500 m³/h , max. Boost-/Intensive setting 615 m³/h.
- Noise min. normal setting & max. normal setting: 42 dB & 69 dB .
- 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.

- - cleanAir odor filters: Lifetime of 360 hours of cooking (non-regenerative).
- - Low-noise filters with optimized psycho-acoustics.
- - Large scale filter surface with high odor reduction capabilities.
- - Optimized odor reduction performance for cooking applications with complex odor molecules (e.g. fish).
- - Convenient one-hand removal of unit via floating glass ceramics handle.
- 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.
- Integrated, large-scale, high performance stainless-steel grease filters with 12 filtration layers and one black top layer for enhanced aesthetical integration.
- Overall capturing capacity of 900ml (200ml + 700ml).
- 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.
- Watertight blower system.
- - 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 %.
- - Easy-to-access and easy-to-remove from above.

Planning & installation notes

- Suitable for ducted or recirculated extraction configuration 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

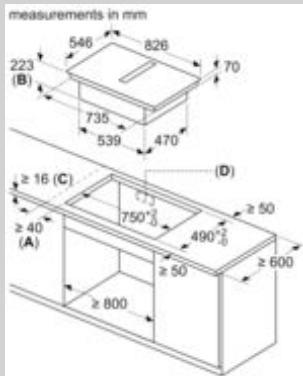
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Features

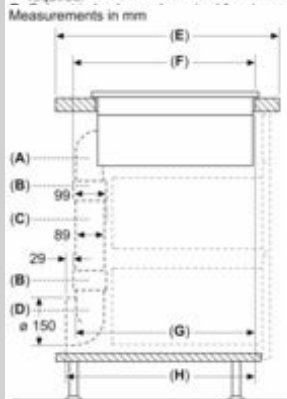
- be planned in all worktop depths ≥ 60 cm. For other types of installation, one of the following accessory kits is recommended:
- Z861KE1 as starter kit for ducted extraction in worktops of ≥ 60 cm depth.
 - Z861KR0 for partly-ducted recirculation in worktops of 70cm depth of ≥ 70 cm depth with max. worktop height of 960 mm.
 - - Installation is possible in island as well as wall oriented configurations.
 - - The max. immersion depth is 223mm below glass for top mounted appliances and 227mm for flush installed appliances.
 - - 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 weight and the worktop manufacturer's structural integrity specifications are to be taken into account.
 - - The appliance must be freely accessible from below (i.e. for accessing the lower liquid safety collector).
 - - 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.
 - - 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).
 - - 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.
 - 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.
 - - 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).

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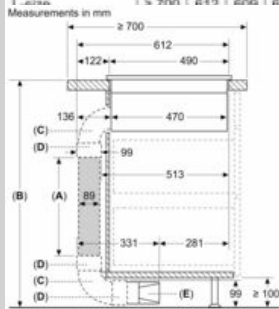
Dimensioned drawings



- A:** Minimum distance from the hob cut-out to the wall
B: Recessing depth
C: The worktop into which the hob is installed must withstand loads of approx. 60kg; suitable substructures must be used if required.

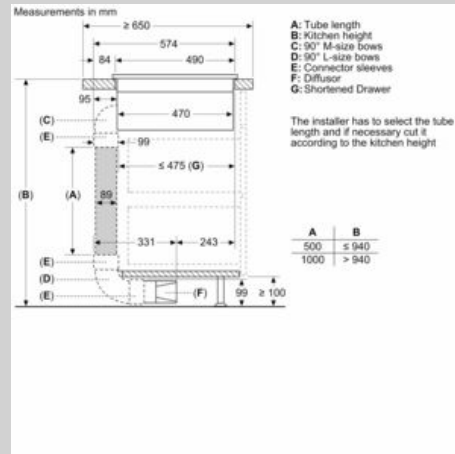


	A	E	F	G	H
S-size	≥ 600	547	545	579	
M-size	≥ 650	574	569	603	
L-size	≥ 700	612	605	643	



- A:** Tube length
B: Kitchen height
C: 90° L-size bows
D: Connector sleeves
E: Diffuser
- Ducting kit available for ≥ 700 mm depth worktops and up to 960 mm height.
- The installer has to select the tube length and if necessary cut it according to the kitchen height.

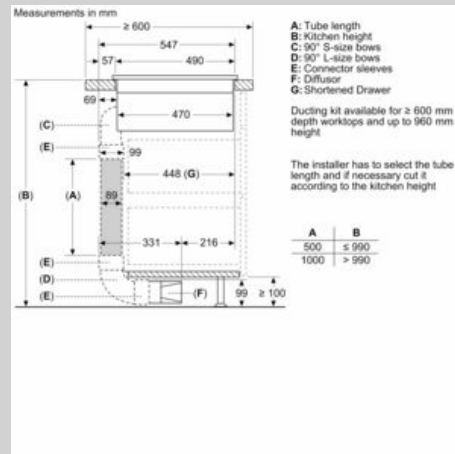
A	B
500	≤ 960
1000	> 960



- A:** Tube length
B: Kitchen height
C: 90° M-size bows
D: 90° L-size bows
E: Connector sleeves
F: Diffuser
G: Shortened Drawer

The installer has to select the tube length and if necessary cut it according to the kitchen height.

A	B
500	≤ 940
1000	> 940

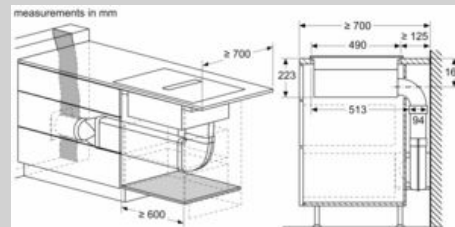


- A:** Tube length
B: Kitchen height
C: 90° S-size bows
D: 90° L-size bows
E: Connector sleeves
F: Diffuser
G: Shortened Drawer

Ducting kit available for ≥ 600 mm depth worktops and up to 960 mm height.

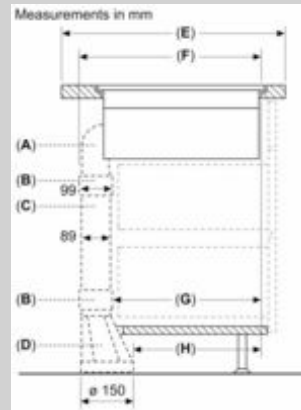
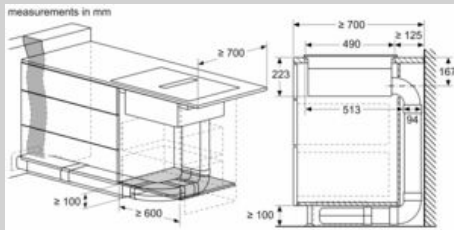
The installer has to select the tube length and if necessary cut it according to the kitchen height.

A	B
500	≤ 990
1000	> 990

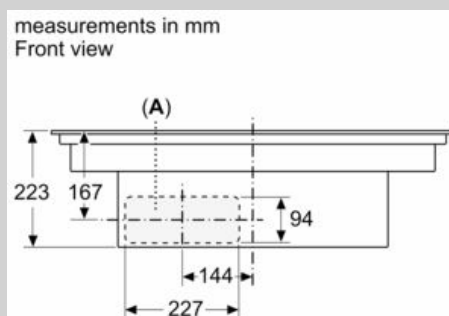
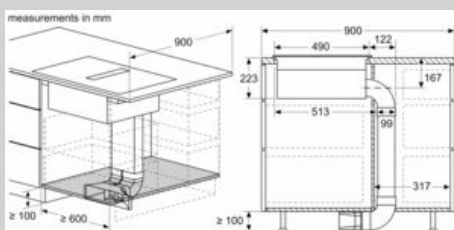
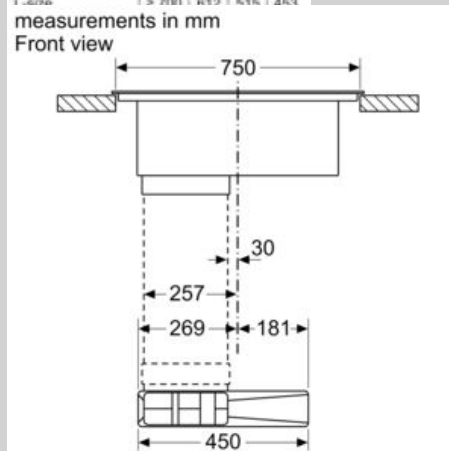
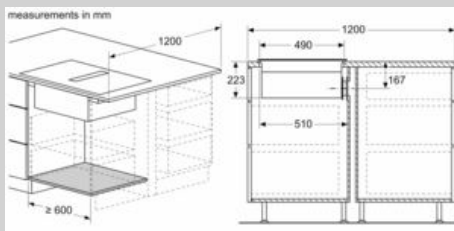


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Dimensioned drawings



A	E	F	G	H
S-size	≥ 600	547	451	389
M-size	≥ 650	574	475	413
L-size	≥ 700	601	499	437

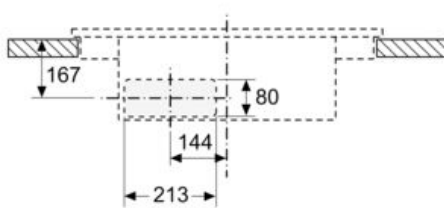


A: Connected directly at the rear

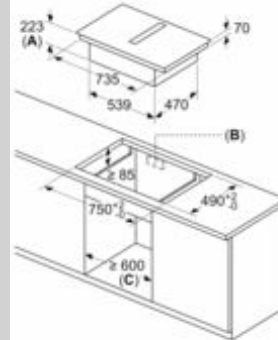
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Dimensioned drawings

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

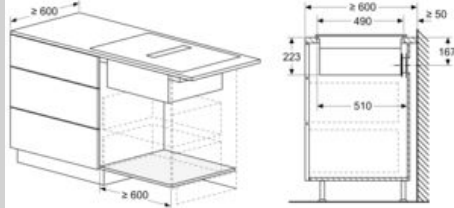


measurements in mm

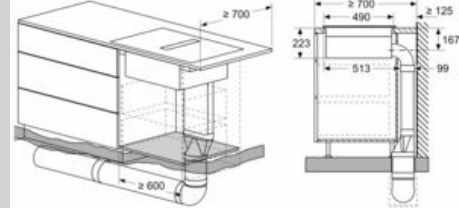


- A: Recess depth
- B: Cut-out in back panel required for pipework. Exact size and position can be taken from specific drawing.
- C: All 80 cm width class models can be installed in 60 cm wide furniture by adjusting the side panels.

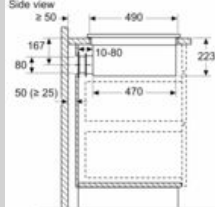
measurements in mm



measurements in mm



measurements in mm



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