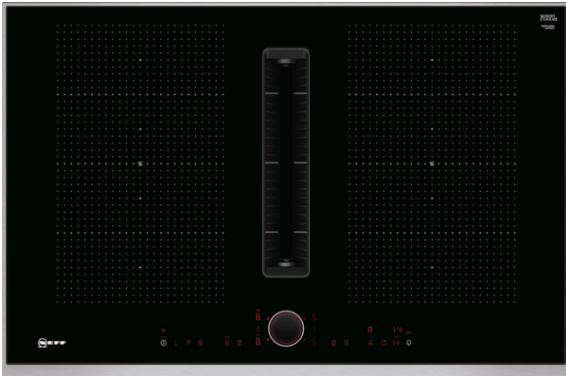


N 90, induction cooktop with integrated ventilation, 80 cm
T58TL6EN2



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

- ✓ The FlexInduction zone automatically detects the number, size and shape of the pots and pans used and heats up precisely where it's needed.
- ✓ Power Move – the flex zone offers three heating zones: boiling in front, simmering in the middle and warming in the rear.
- ✓ TwistPadFire® – our removable, magnetic, illuminated control dial that gives you precise control over all cooking zones.
- ✓ Automatic Air Sensor – automatically 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
 Width of the appliance : 826
 Dimensions : 223 x 826 x 546
 Dimensions of the packed product (HxWxD) (mm) : 430 x 956 x 670
 Net weight (kg) : 27.905
 Gross weight (kg) : 32.8
 Residual heat indicator : without
 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 (cm) : 110
 Knob Material : Plastic
 Sealed Burners : No
 heating with booster : All
 Power of 2nd heating element (kW) : 3.3
 : 3.7
 Maximum output air extraction (m³/h) : 500
 Boost position output recirculating (m³/h) : 615.0
 Maximum output recirculating air (m³/h) : 500
 Boost position air extraction (m³/h) : 622
 Noise level (dB) : 69
 Odour filter : No
 Operating Mode : Convertible
 Delay Shut off modes : 30
 Electrical connection rating (W) : 7400
 Voltage (V) : 220-240/380-415
 Frequency (Hz) : 50-60
 Main colour of product : Black
 Approval certificates : CE, VDE
 Length electrical supply cord (cm) : 110
 Required niche size for installation (HxWxD) : 223 x 750-750 x 490-490
 Dimensions : 223 x 826 x 546
 Dimensions of the packed product (HxWxD) (mm) : 430 x 956 x 670
 Net weight (kg) : 27.905
 Gross weight (kg) : 32.8

Optional accessories

Z811DU0	Acoustics Filter
Z821PD0	Basic kit (partly-)ducted recirculation
Z821UD0	Kit Unducted Recirculation
Z9410X1	Stainless Steel roaster with glas lid
Z9415X1	Steaming Rack for Stainless Steel roaste
Z9416X2	Griddle Plate
Z9417X2	Teppan Yaki (large)
Z943SE0	Set of 2 pots and 1 pan
Z9453X0	System pan diameter 21cm



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Features

Design

- Black ceramic glass with stainless steel flush-fitted trim

Handling

- TwistPad® Fire

Flexibility

- 2x 2x Flex zones
- 4 induction zones
- Cooking zones: 1 x Ø 400 mmx240 mm, 3.3 KW (max. Power level 3.7 KW) Induction or 2 x Ø 190 mm, 2.2 KW (max. Power level 3.7 KW) Induction; 1 x Ø 400 mmx240 mm, 3.3 KW (max. Power level 3.7 KW) Induction or 2 x Ø 190 mm, 2.2 KW (max. Power level 3.7 KW) Induction
- Cooking zones will be automatically joined or separated based on the shape and size of the cookware placed.

Comfort & Convenience

- PotBoost function for all cooking zones
- PanBoost
- PowerMove
- PowerTransfer
- FryingSensor with 5 temperature settings
- 17 power levels for each cooking zone
- Residual heat indicator: Digital 2-step
- LED display and timer with auto switch off for all cooking zones
- Automatic pan recognition sensor powerManagement Function Automatic safety switch-off Child safety lock Wipe protection function
- ReStart function
- QuickStart - Quick and automatic first pot detection
- Keep warm function for all cooking zones
- Energy consumption display

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). Respective mandatory installation accessories required: - Installation kit Z811DU0 for ducted extraction. - Installation kit Z821PD0 for fully ducted and partly-ducted recirculation with cleanAir odor filters (recommended for recirculation extraction against an external wall). Starter kit Z821UD0 for unducted recirculation with cleanAir odor filters

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(recommended for recirculation extraction against an internal wall or in an island bench).

- - 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.

Technical Information

- Appliance dimensions: (W x D) 826 mm x 546 mm
- Installation dimensions: (H x W x D) 223 mm x 750 mm x 490 mm
- 80 cm width
- Length wire connection: 110 cm
- Min. worktop thickness: 16 mm
- 7.4 KW total connected load
- Cable included

Planning & installation notes

- Suitable for ducted or recirculated extraction configuration (incl. differentiated software modes). Respective mandatory installation accessories required:
- - Z811DU0 required for ducted extraction. Included with the purchase of T58TL6EN2.
- - Z821PD0 for fully ducted and partly-ducted recirculation with cleanAir odor filters. Recommended for extraction against an external wall. Additional ducts are required. Installation kit Z821UD0 for unducted recirculation with cleanAir odor filters. Recommended for extraction inside the kitchen such as an island bench setting or an internal wall.
- - 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 enables easy and quick installations and can be planned in all worktop depths ≥ 60 cm. For ducted installations - in ducted extraction (Z811DU0) as well as fully or partly ducted recirculation (Z821PD0) - a worktop depth of ≥ 70 cm is required.
- - 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 ≥ 400 cm² is to be respected in the plinth area. The aperture can be realized via outlet grids,

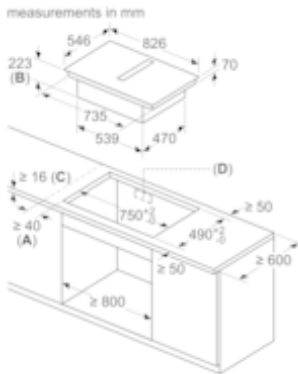
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Features

- 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 complies with the Needle Flame Test (according to IEC 60695-5-11), the V2 flammability class (according to UL94) and the B1 building material class (DIN 4102-1). The starter kit Z821UD0 for unducted recirculation complies with these standards as well.

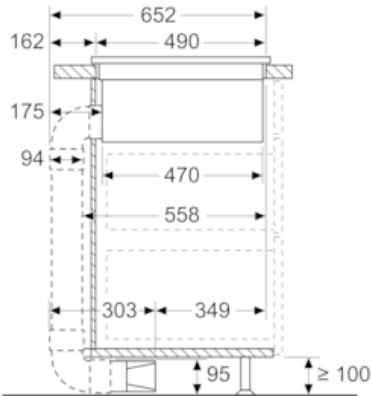
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Dimensioned drawings

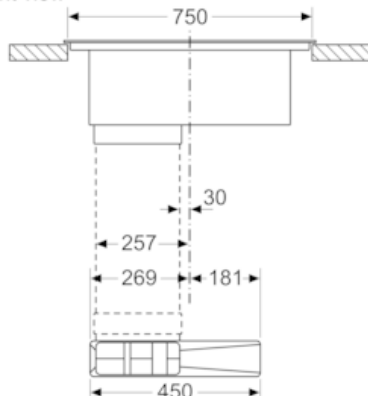


- A: Minimum distance from the hob cut-out to the wall
- B: Recessing depth
- C: The worktop into which the hob is installed must withstand loads of approx. 60kg; suitable substructures must be used if required.

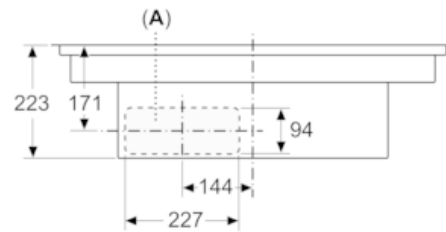
measurements in mm
Side view



measurements in mm
Front view

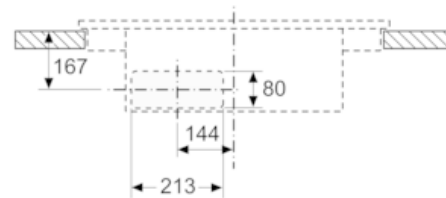


measurements in mm
Front view

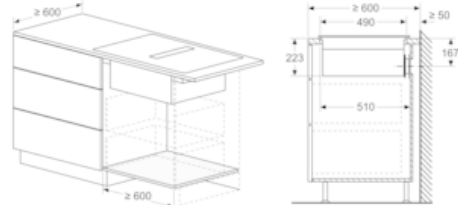


- A: Connected directly at the rear

measurements in mm
Front view - unit cut-out
for ducted recirculation



measurements in mm



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Dimensioned drawings

