

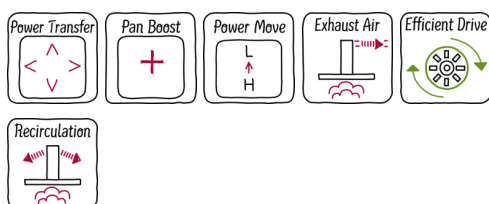
N 90, Induction hob with integrated ventilation system, 80 cm
T58TL6EN2



COOKING PASSION SINCE 1877



B



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

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 product (mm) : 826
Dimensions of the product (mm) : 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 of electrical supply cord (cm) : 110
Knob Material : Plastic
Sealed Burners : No
heating with booster : All
Power of 2nd heating element (kW) : 3.3
Power of 2nd heating element (kW in boost) : 3.7
Maximum output air extraction (m³/h) : 500
Boost position output recirculating (m³/h) : 615.0
Boost position air extraction (m³/h) : 622
Noise level (dB(A) re 1 pW) : 69
Odour filter : No
Operating Mode : Convertible
Delay Shut off modes : 30
Electrical connection rating (W) : 7400
Voltage (V) : 220-240
Frequency (Hz) : 50-60
Main colour of product : Black
Approval certificates : CE, VDE
Length of electrical supply cord (cm) : 110
Required niche size for installation (HxWxD) : 223 x 750-750 x 490-490
Dimensions of the product (mm) : 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
Z821VR0	cleanAir recirculation replenishment fil
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
Z9442X0	Set of 3 pots and 1 pan
Z9914X0	Connecting strip



4 242004 246923

*N 90, Induction hob with integrated ventilation
system, 80 cm
T58TL6EN2*

Features

Design

- T58TL6EN2 Venting Cooktop Induction
- 80 cm width
- Ceramic glass on stainless steel trim

Control

- TwistPad® Fire

Flexibility

- 2 Flex zones
- Cooking zones will be automatically joined or separated based on the shape and size of the cookware placed.
- powerMove: PowerMove with 3 levels

Special features

- Home Connect with Remote Monitoring
- Frying Sensor: 5 frying levels
- Variable 17-stage power settings for each zone
- Boost setting for all zones
- PanBoost
- QuickStart function
- ReStart function
- Keep warm function
- Digital display of cooking levels
- Timer with automatic shut off for all zones LED timer for each zone with switch off function and acoustic signal Count up timer
- 2 stage residual heat indicators
- Automatic pan recognition Safety cut out facility Control panel lock Control panel suspension
- Main switch
- Energy consumption display

Technical information

- Output 7400 W
- 4 zone induction hob
- Cooking zones: 1 x Ø 400 mmx240 mm, 3.3 KW (max. Power levels 3.7 KW) Induction or 2 x Ø 190 mm, 2.2 KW (max. Power levels 3.7 KW) Induction; 1 x Ø 400 mmx240 mm, 3.3 KW (max. Power levels 3.7 KW) Induction or 2 x Ø 190 mm, 2.2 KW (max. Power levels 3.7 KW) Induction
- Cable included in packaging
- Length wire connection: 110 cm
- Appliance dimensions: (W/D) 826 mm x 546 mm
- Installation dimensions: (ID/W/D) 223 mm x 750 mm x 490 mm
- Min. worktop thickness: 16 mm (Installation in thinner worktops is also possible with the spare part: 626792)

Integrated ventilation downdraft system

- Induction cooktop with fully integrated high-performance downdraft extractor.
- Suitable for ducted or recirculated extraction configuration (incl. differentiated software modes). Respective mandatory installation accessories required: - Z811DU0 for ducted extraction. - Starter kit Z821UD0 for unducted recirculation with cleanAir odour filters. - Z821PD0 for fully ducted and partly-ducted recirculation with cleanAir odour filters.
- 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. Sensor-based, smart, fully automatic mode of ventilation system: - 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). - Manual control possible via TwistPad® Fire.
- High-performance, low-noise motor with energy-efficient BLDC-technology. High extraction rates at very low noises with pleasant noise frequencies through psycho-acoustically and aerodynamically optimised interior with enclosed, hidden motor. Highly pressure-drop resistant even with longer and more complex ducting systems.
- 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 motor system.
- Ventilation system performance: - Extraction performance in ducted extraction (according to EN 61591): min. normal setting 154 MQH, max. normal setting 500 MQH, max. Boost-/Intensive setting 622 MQH. - 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 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-/

N 90, Induction hob with integrated ventilation
system, 80 cm
T58TL6EN2

Features

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 %. All performance data is preliminary and based on latest test results with advanced prototypes and will be updated with tests from final products.

- 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.
- 2 x 2 sets of directly integrated, high-performance cleanAir odour filters (in recirculation configuration). - Optimised odour reduction performance for cooking applications with complex odour molecules (e.g. fish). - Large scale filter surface with high odour reduction capabilities. - Lifetime of 360 hours of cooking (non-regenerative). - Low-noise filters with optimised psycho-acoustics. - Easy-to-access and easy-to-remove from above. - Saturation indications for cleanAir odour filter via user interface notification and via the Home Connect app with a convenient replenishment re-order option (replenishment cleanAir filter set Z821VR0). For ducted extraction configuration: 2 x 2 sets of directly integrated, high-performance low-noise acoustic filters for significantly lower noise and improved psycho-acoustics.

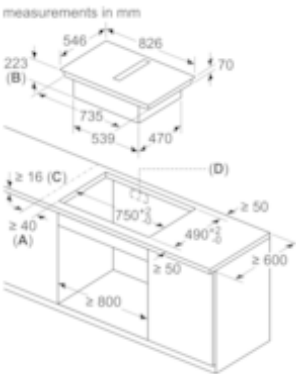
Planning & installation notes

- Suitable for ducted or recirculated extraction configuration (incl. differentiated software modes). Respective mandatory installation accessories required: - Z811DU0 for ducted extraction. - Starter kit Z821UD0 for unducted recirculation with cleanAir odour filters. - Z821PD0 for fully ducted and partly-ducted recirculation with cleanAir odour filters.
- Planning suggestions: - Installation is possible in island as well as wall oriented configurations. - 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. - 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). - The "Plug 'n Play" starter 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: content 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 "Plug 'n Play" starter 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. - 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 a ventilation hood 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.

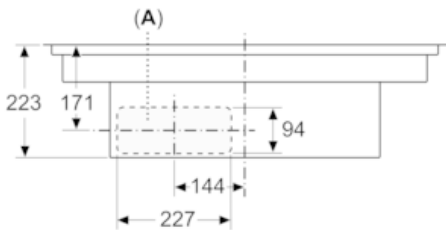
N 90, Induction hob with integrated ventilation
system, 80 cm
T58TL6EN2

Dimensioned drawings



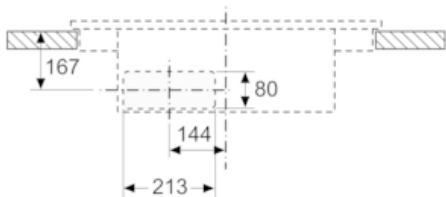
- A: Minimum distance from the hob cut-out to the wall
B: Immersion depth
C: The worktop into which the hob is installed should withstand loads of approx. 60kg if necessary using suitable substructures.
D: Cut-out in backpanel necessary for

measurements in mm
Front view

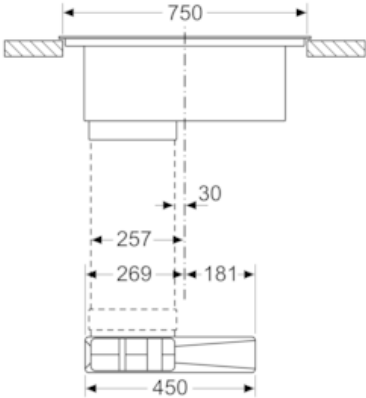


A: Connected directly at the rear

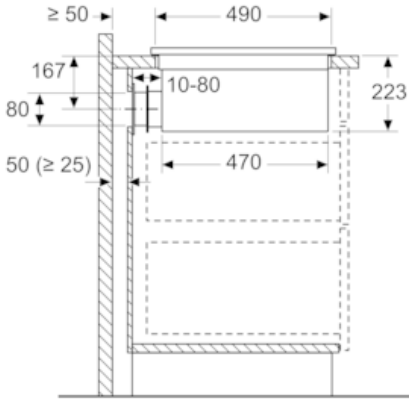
measurements in mm
Front view – unit cut-out
for unducted recirculation



measurements in mm
Front view



measurements in mm
Side view



measurements in mm
Side view

