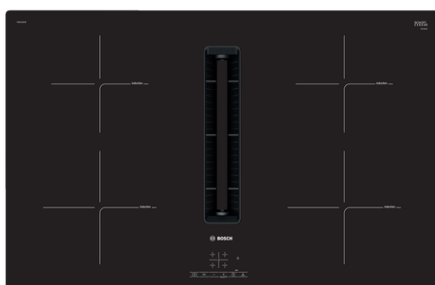


**Serie | 4, Induction hob with integrated ventilation system, 80 cm
PIE811B15E**

B



The induction hob with integrated ventilation module: combines induction with ventilation technology for perfect results.

- **TouchSelect:** Selection of the desired cooking zone and easy setting of the desired power level.
- **PowerBoost:** Up to 50% more power for faster heating.
- **Timer with switch-off function:** Turns off the assigned cooking zone after the set time.
- **ChildLock:** locks the control panel to prevent accidental changes in settings.
- **Induction:** Fast, precise cooking, easy cleaning and low energy consumption.

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 490-500
Width of the appliance :	802
Dimensions :	223 x 802 x 522
Dimensions of the packed product (HxWxD) (mm) :	430 x 940 x 660
Net weight (kg) :	25.445
Gross weight (kg) :	30.3
Residual heat indicator :	without
Location of control panel :	Hob front
Basic surface material :	Ceramic
Color of surface :	Black
Approval certificates :	CE, VDE
Length electrical supply cord (cm) :	110
Sealed Burners :	No
heating with booster :	All
Power of heating element (kW) :	2.2
Power of 3rd heating element (kW) :	1.8
Power of 5th heating element (kW) :	1.8
Power of 3rd heating element (kW in boost) :	[3.1]
Maximum output air extraction (m3/h) :	500
Boost position output recirculating (m3/h) :	565.0
Maximum output recirculating air (m3/h) :	555
Boost position air extraction (m³/h) :	575
Noise level (dB) :	68
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 490-500
Dimensions :	223 x 802 x 522
Dimensions of the packed product (HxWxD) (mm) :	430 x 940 x 660
Net weight (kg) :	25.445
Gross weight (kg) :	30.3



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Serie | 4, Induction hob with integrated ventilation system, 80 cm PIE811B15E

The induction hob with integrated ventilation module: combines induction with ventilation technology for perfect results.

Design:

- frameless

Quickness:

- PowerBoost function for all zones

Comfort:

- 4 Induction cooking zones
- TouchSelect
- Digital display
- Switch off timer for every cooking zone
Timer
- ReStart Function
- QuickStart Function

Power and size:

- Cooking zones:
1 x Ø 210 mm, 2.2 KW (max. power 3.7 KW) Induction;
1 x Ø 180 mm, 1.8 KW (max. power 3.1 KW) Induction;
1 x Ø 180 mm, 1.8 KW (max. power 3.1 KW) Induction;
1 x Ø 210 mm, 2.2 KW (max. power 3.7 KW) Induction
- 17 power levels

Environment+safety:

- 2 stage residual heat indicator
- Main switch
- Automatic pan recognition sensor
PowerManagement Function
Safety switch-off
Childproof lock
Wipe protection function

Measurements:

- Measurement: (H/B/T) 223 x 802 x 522 mm
- Required niche size for installation (HxWxD mm) : 223 x 750 x 490 - 500
- Min. worktop thickness: 16 mm
- Length wire connection: 110 cm
- Connected load: 7.4 KW
- Cable included

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:
 - HEZ9VEDU0 for ducted extraction
 - HEZ9VRPD0 for fully ducted and partly-ducted recirculation with cleanAir odor filters. Starter kit HEZ9VRUD0 for unducted recirculation with cleanAir odor filters.
- 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).
- Fully manual control possible via TouchSelect.
- 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 aesthetic 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 332 m3/h , max. normal setting 500 m3/h , max. Boost-/Intensive setting 575 m3/h .
 - Extraction performance in recirculated extraction (according to EN 61591): min. normal setting 327 m3/h , max. normal setting 500 m3/h , max. Boost-/Intensive setting 565 m3/h.
- Noise level in ducted extraction (Sound power level according to EN 60704-3): min. normal setting 60 dB re 1 pW,

max. normal setting 68 dB re 1 pW, max. Boost-/Intensive setting 72 dB re 1 pW.

- - Noise level in recirculated extraction (Sound power level according to EN 60704-3.): min. normal setting 58 dB re 1 pW, max. normal setting 68 dB re 1 pW, max. Boost-/Intensive setting 70 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: B .
- - Average energy consumption: 55 .
- - Grease filtration efficiency class: B .
- - Noise min. normal setting & max. normal setting: 60 dB & 68 dB .
- 2 x 2 battery of directly integrated, high-performance cleanAir odor filters (in recirculation configuration).
- - Optimized odor reduction performance for cooking applications with complex odor molecules (e.g. fish).
- - Large scale filter surface with high odor reduction capabilities.
- - Lifetime of 360 hours of cooking (non-regenerative).
- - Low-noise filters with optimized psycho-acoustics.
- - Easy-to-access and easy-to-remove from above.
- - Replenishment cleanAir filter set HEZ9VRCR0.
- 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.

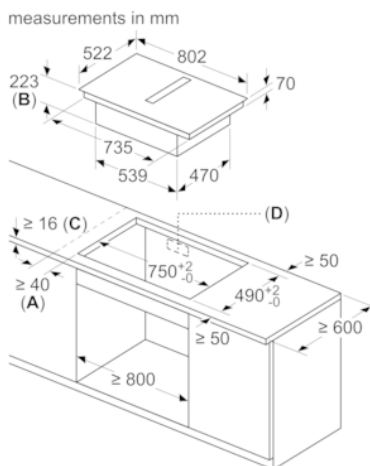
Planning & installation notes

- Suitable for ducted or recirculated extraction installations. Respective mandatory installation accessories required:
- - HEZ9VEDU0 for ducted extraction.
- - HEZ9VRPD0 for fully ducted and partly-ducted recirculation with cleanAir odor filters. Starter kit HEZ9VRUD0 for unducted recirculation with cleanAir odor 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

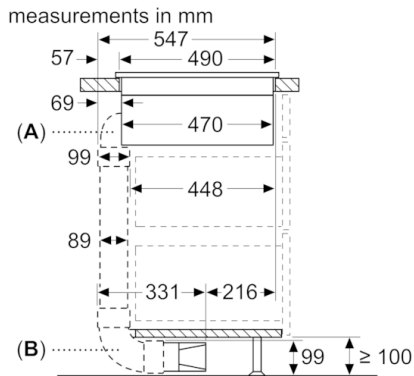
starter kit HEZ9VRUD0 for unducted recirculation complies with these standards as well.

- - 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 HEZ9VRUD0 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 HEZ9VRUD0 for unducted recirculation enables easy and quick installations and can be planned in all worktop depths ≥ 60 cm. For ducted installations - in ducted extraction (HEZ9VEDU0) as well as fully or partly ducted recirculation (HEZ9VRPD0) - 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.

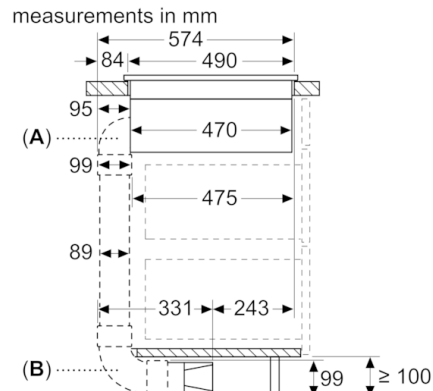
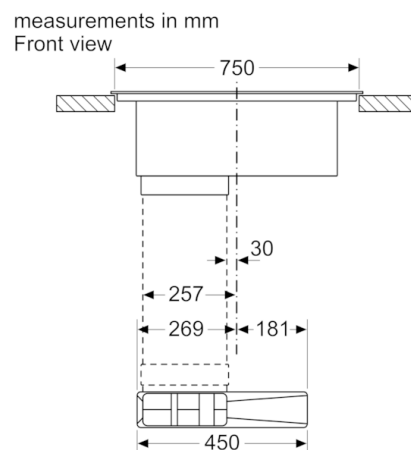
Serie | 4, Induction hob with integrated ventilation system, 80 cm PIE811B15E



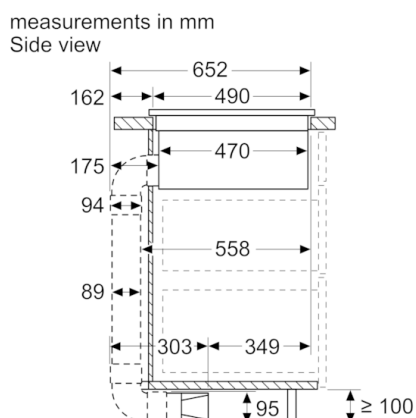
- A:** Minimum distance from the hob cut-out to the wall
B: Recessing depth
C: The worktop into which the hob is installed must withstand loads of approx. 60kg; suitable substructures must be used if required



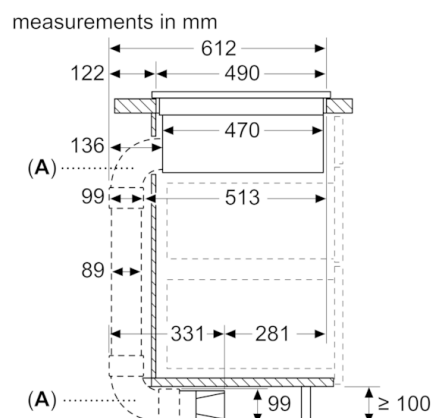
- A:** With 90° "S" bow connector (available from 05/2021 on)
B: With 90° "L" bow connector



- A:** With 90° "M" bow connector
B: With 90° "L" bow connector



With 3rd party 90° bow



A: With 90° "L" bow connectors

Technical drawing of a mechanical part showing dimensions: 167, 80, 144, and 213.

measurements in mm

Side view

The diagram shows a side view of a rectangular unit with a vertical duct on the left. Dimensions are indicated with arrows: a minimum side clearance of ≥ 50 mm, a total width of 490 mm, a top height of 167 mm, a middle section height of 80 mm, a bottom height of 50 mm (with a minimum of ≥ 25 mm), a duct width of 10-80 mm, an internal width of 470 mm, and a total height of 223 mm. A note specifies that when installed directly against outer walls that are not insulated ($\mu \geq 0.5 \text{ W/m}^2 \cdot \text{C}$), partially or fully ducted recirculation configurations are recommended.

≥ 50

490

167

80

50 (≥ 25)

10-80

470

223

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.

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