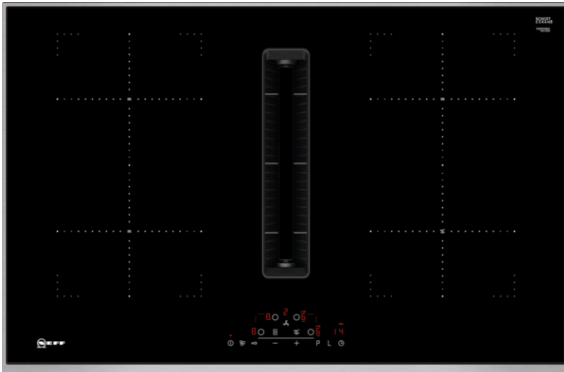


N 70, Induction hob with integrated ventilation system, 80 cm  
T48TD7BN2



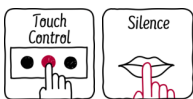
COOKING PASSION SINCE 1877



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

- ✓ Touch Control – a convenient way to control hobs with just one touch.
- ✓ Combi Induction - 2 individual induction cooking zones can be combined to 1 large zone with even heat distribution.
- ✓ High Extraction Rate – ensures a clear view while cooking thanks to efficient motor technology.
- ✓ Reduced Noise – our optimized motor guarantees a quiet cooking experience.
- ✓ Space-saving Installation – room for pull-out drawers thanks to the installation of the extractor duct in a lower cabinet.

B



### 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 500-500  
 Width of the appliance : 826  
 Dimensions : 223 x 826 x 546  
 Dimensions of the packed product (HxWxD) (mm) : 431 x 950 x 672  
 Net weight (kg) : 26.205  
 Gross weight (kg) : 31.1  
 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 of electrical supply cord (cm) : 110  
 Sealed Burners : No  
 heating with booster : All  
 Power of 2nd heating element (kW) : 3.6  
 Number of speed settings : 9-stage + 2 intensive  
 Maximum output air extraction (m<sup>3</sup>/h) : 500  
 Boost position output recirculating (m<sup>3</sup>/h) : 615.0  
 Maximum output recirculating air (m<sup>3</sup>/h) : 500  
 Boost position air extraction (m<sup>3</sup>/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) : 220-240/380-415  
 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 500-500  
 Dimensions : 223 x 826 x 546  
 Dimensions of the packed product (HxWxD) (mm) : 431 x 950 x 672  
 Net weight (kg) : 26.205  
 Gross weight (kg) : 31.1

### Optional accessories

Z811DU0 : Acoustics Filter , Z821PD0 : Basic kit (partly-)ducted recirculation , Z821UD0 : Kit Unducted Recirculation , Z821VR0 : cleanAir recirculation replenishment fil , 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) , Z943SE0 : Set of 2 pots and 1 pan , Z9914X0 : Connecting strip



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*N 70, Induction hob with integrated ventilation  
system, 80 cm  
T48TD7BN2*

## Features

### Design

- Ceramic glass on stainless steel trim
- 80 cm: space for 4 pots or pans.

### 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, 2.2 KW (max. power 3.7 KW)
- Cooking zone rear left: 190 mm, 210 mm, 2.2 KW (max. power 3.7 KW)
- Cooking zone rear right: 190 mm, 210 mm, 2.2 KW (max power 3.7 KW)
- Cooking zone front right: 190 mm, 210 mm, 2.2 KW (max. power 3.7 KW)

### Usage convenience

- Touch control: control the power with imprinted +/- touch buttons.
- Variable 17-stage power settings for each zone: precisely adapt the heat with 17 power levels (9 main levels and 8 intermediate levels).
- Keep warm function: keep dishes warm at preset low power level.
- Timer with automatic shut off for all zones  
: switches off the cooking zone at the end of the time set (e.g. for boiled eggs).
- LED timer for each zone with switch off function and acoustic signal  
: an alarm sounds at the end of the time set (e.g. for pasta).

### Time saving & efficiency

- Power Boost function for all zones  
: boil water faster thanks to 50% more energy than at the highest standard level.
- QuickStart function: when switching on, the hob automatically selects the cooking zone with cookware (when placed on a zone whilst the hob is off).
- ReStart function: in case of unintentional switch-off, this feature restores all previous settings by switching on the hob again within 4 seconds.

### Cooking assistance

- 4 frying levels: prevents overcooking with the automatic temperature regulation of the integrated sensor.

### Safety

- 2 stage residual heat indicators: indicates which cooking zones are still hot or warm.
- Control panel lock: prevent unintended activation of the hob.
- Control panel suspension: wipe overboiled liquids without unintentionally changing settings (blocking all touch buttons for 30 seconds).
- Main switch: switch off all cooking zones at the touch of a button.
- Safety cut out facility: for safety reasons, heating stops after a preset time if not used (possible to customise).
- Energy consumption display: shows the electricity consumption of the last cooking process.

### Installation

- Dimensions of the product (HxWxD mm): 223 x 826 x 546
- Required niche size for installation (HxWxD mm) : 223 x 750 x (500 - 500)
- Min. worktop thickness: 16 mm
- Connected load: 7.4 KW
- 4.6kW power output (20A); current management options for 16A, 13A or 10A connection: limit the maximum power if needed (depends on fuse protection of electric installation).
- Power cord: 1.1 m, Cable included in packaging

### 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.
- - Z811DU0 for ducted extraction.
- - Z821PD0 for fully ducted and partly-ducted recirculation with cleanAir odour filters. Starter kit Z821UD0 for unducted 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 9 electronically controlled fan power levels and 2 Boost-/Intensive fan power levels (with automatic revert) via Touch control user interface:
  - 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

*N 70, Induction hob with integrated ventilation  
system, 80 cm  
T48TD7BN2*



COOKING PASSION SINCE 1877

Features

- extraction, 30min in recirculated extraction, can be shut-off manually).
- Fully manual control possible via Touch control.
- - 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 Touch control.
- 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.
- - 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.
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- - 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-/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.
- - 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 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,

*N 70, Induction hob with integrated ventilation  
system, 80 cm  
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COOKING PASSION SINCE 1877

**Features**

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 .
- - 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 optimized psycho-acoustics.
  - Easy-to-access and easy-to-remove from above.
  - 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.
- - 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.
- - 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.
- - Z811DU0 for ducted extraction.
- - Z821PD0 for fully ducted and partly-ducted recirculation with cleanAir odour filters. Starter kit Z821UD0 for unducted 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  $\geq 60$ cm. For ducted installations - in ducted extraction (Z811DU0) as well as fully or partly ducted recirculation (Z821PD0) - a worktop depth of  $\geq 70$ cm is required.
  - For partly ducted and unducted recirculation extraction installations, a return-flow aperture of  $\geq 400$ cm<sup>2</sup> is to be respected in the plinth area. The aperture can be realized via outlet grids,

*N 70, Induction hob with integrated ventilation  
system, 80 cm  
T48TD7BN2*



COOKING PASSION SINCE 1877

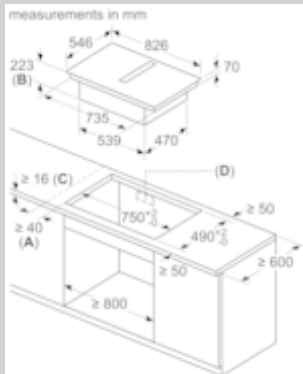
Features

- 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.
  - 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.
- - 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 223 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).
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  - - 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.
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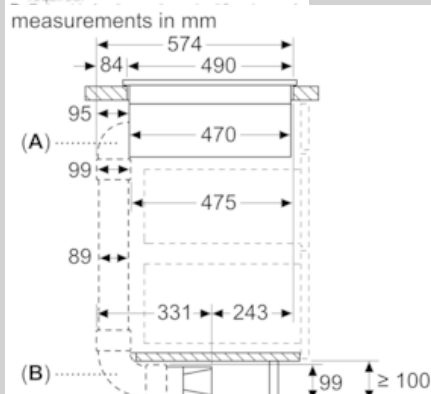
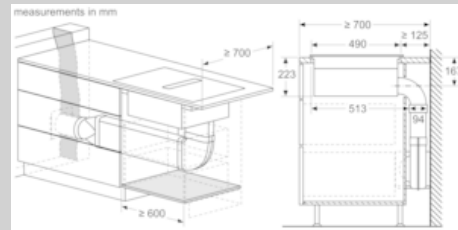
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N 70, Induction hob with integrated ventilation system, 80 cm  
T48TD7BN2

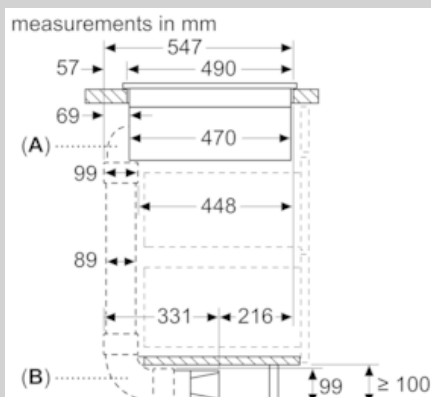
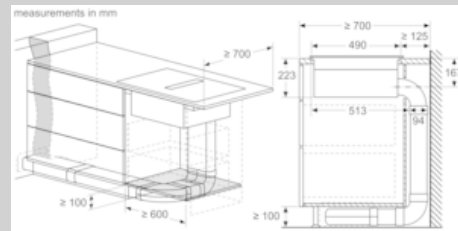
## Dimensioned drawings



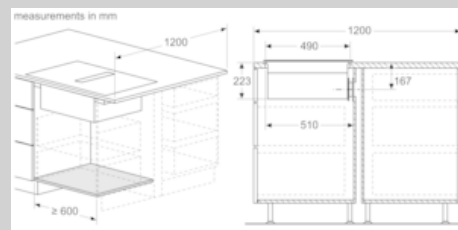
- A: Minimum distance from the hob cut-out to the wall  
 B: Recessing depth  
 C: The worktop into which the hob is installed must withstand loads of approx. 60kg; suitable substructures must be used if required.



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

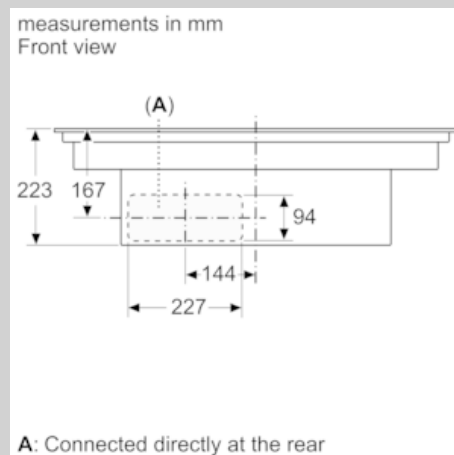
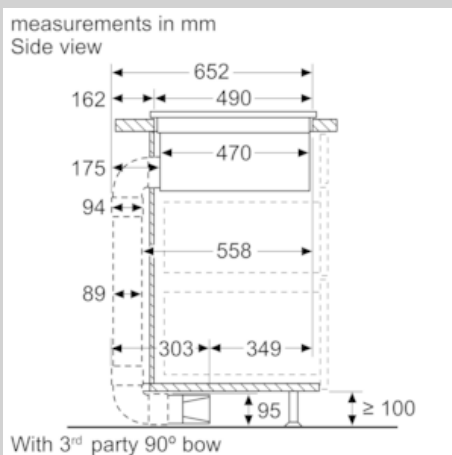
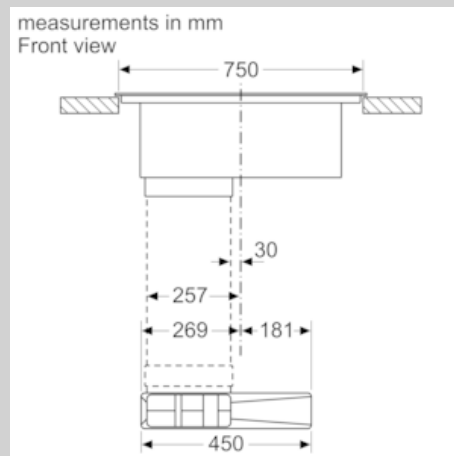
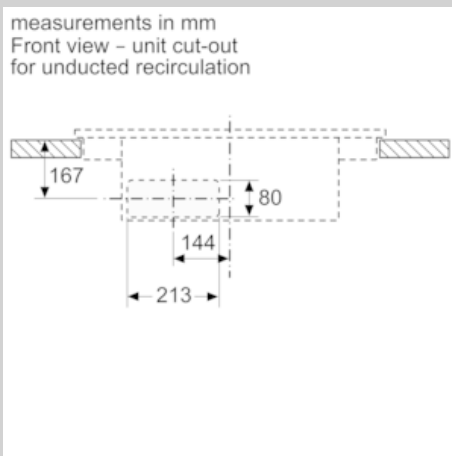
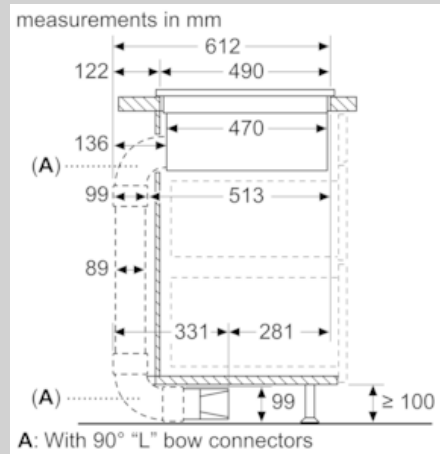
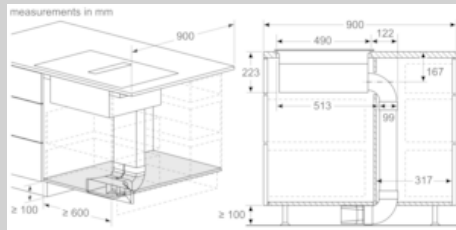


- A: With 90° "S" bow connector  
 B: With 90° "L" bow connector



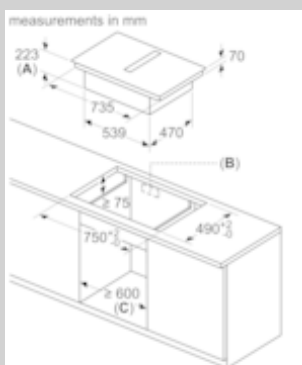
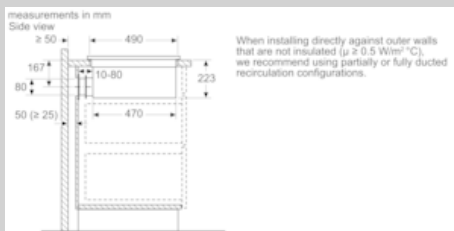
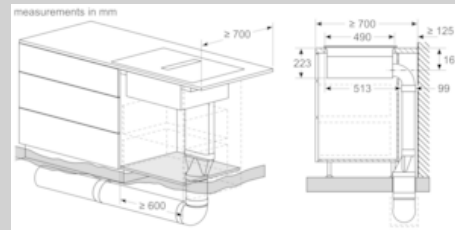
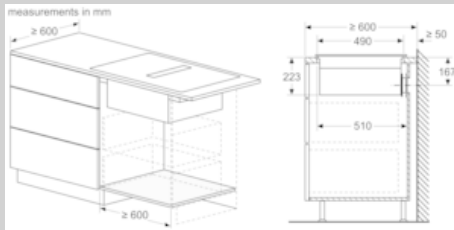
N 70, Induction hob with integrated ventilation  
system, 80 cm  
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## Dimensioned drawings



N 70, Induction hob with integrated ventilation  
system, 80 cm  
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Dimensioned drawings



- 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.