

Installation instructions

Induction hob

GK46TIG | GK46TIM | GK47TIMAS

1021071-R01

28/11/2016



The appliance should be installed by qualified personnel only. Each step must be carried out and checked in full in the order specified.

Validity

These installation instructions are valid for the following models:

Product family	With normal mounting frame	With dual design	With oversize frame
31078	GK46TIGC	GK46TIGZ	-
31083	GK47TIMASC	GK47TIMASZ	-
31086	GK46TIMSC/O	GK46TIMSZ/O	GK46TIMSU/O
31087	GK46TIMXSC	GK46TIMXSZ	-
31090	GK46TIMGC	GK46TIMGZ	-
31091	GK46TIMASC	GK46TIMASZ	-

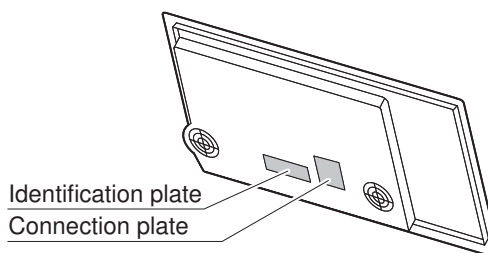
General notes



The directives and standards for low-voltage installations and fire protection must be complied with when installing in flammable material.

Identification plate

The identification plate is located next to the connection plate.



- Affix the second identification plate (supplied) in an accessible position behind the front of the fitted cabinet beneath the appliance.

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Installation accessories supplied

Oversize mounting frame:

Designation	Art. No.
Adjusting brace set	H61548

Flush installation:

Designation	Art. No.
Cementing-in instructions	J004133
Sealing tape set	H63283
Spacer set	H60330

Accessories

For all installation variants:

Designation	Art. No.
Ventilation protective plate set for niche width 550 mm	H61082
Ventilation protective plate set for niche width 600 mm	H61083
Ventilation protective plate set for niche width 825 mm	H61084
Ventilation protective plate set for niche width 900 mm	H61085

Overlying installation:

Designation	Art. No.
Stainless-steel bridge for the overlying combination of various hobs	1014361
Black bridge for the overlying combination of various hobs	1019199

Flush installation:

Designation	Art. No.
Steel angle set, installation dimension 60	H63772
Steel angle set, installation dimension 70	H63773
Steel angle set, installation dimension 80	H63774
Instant adhesive for installing the steel angle Permabond F246 incl. activator, 50 ml tube. From Silitech AG, 3008 Bern.	B11502
Sealant set Complete with cleaning agent, primer type 1105, cartridge with black silicone adhesive, with nozzle. Suitable for all absorbent covering materials (wood and types of natural stone such as marble and granite).	86.3928.85
Special primer type 107 Suitable for non-absorbent covering materials (not suitable for polyethylene, polypropylene or Teflon).	45.2771.76
Bridge set for the flush combination of various hobs (comprises two bridges)	H63789



Electrical connection

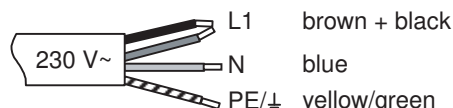
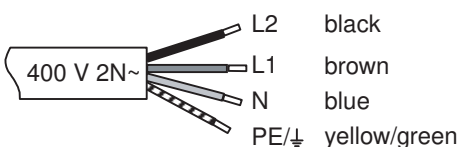
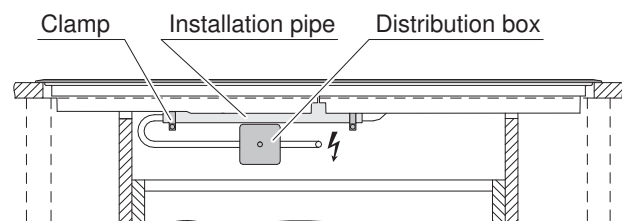


Electrical connections must be carried out by qualified personnel in accordance with the guidelines and standards for low-voltage installations and the specifications of the local electricity supply companies.

A plug-in appliance may only be connected to a socket outlet with earthing contact, installed according to specifications. An all-pole mains isolating device with 3 mm contact opening should be provided in the house wiring system. Switches, plug and socket devices, circuit breakers and fusible cut-outs which are accessible after installation and which have all-poles switching are permissible as isolating devices. Effective earthing and separately installed neutral and earth conductors ensure safe and fault-free operation. After installation, live parts and cables with basic insulation must not be accessible. Check old installations.

- The appliance is designed for use up to a max. altitude of 2000 m above sea level.
- Refer to the identification plate for information on the required mains voltage, current type and fuse protection.

The appliance is equipped with a connection cable which must be connected to an on-site junction box.



Error message U400



Faulty connection:

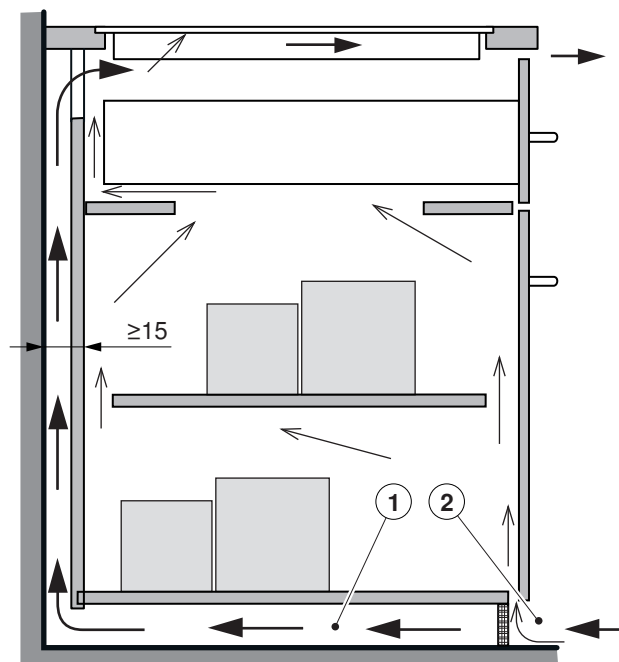
A pole conductor has been connected to the connection terminal for neutral conductors.

Quickly disconnect the appliance from the mains!

Ventilation

In order to guarantee good ventilation, a space of ≥ 10 mm height is necessary beneath the appliance.

1. The rear panel of the base unit must be open around the work surface cut-out to guarantee continuous air circulation via the ventilation slits. The air must be drawn in from outside the cabinet and be able to circulate freely from inside the cabinet to the hob.
2. Alternatively, a concealed fresh air supply can ensure air circulation inside the cabinet. In order that enough cold air can be drawn in, there must be a continuous circulation of fresh air that extends outside the cabinet. The air must be drawn in from outside the cabinet and be able to circulate freely from inside the cabinet to the hob.





General information about installation

- The worktop must be flat so that it is sufficiently sealed against the ingress of liquids.
- In order to guarantee good ventilation, a space of at least 10 mm in height is necessary beneath the appliance.

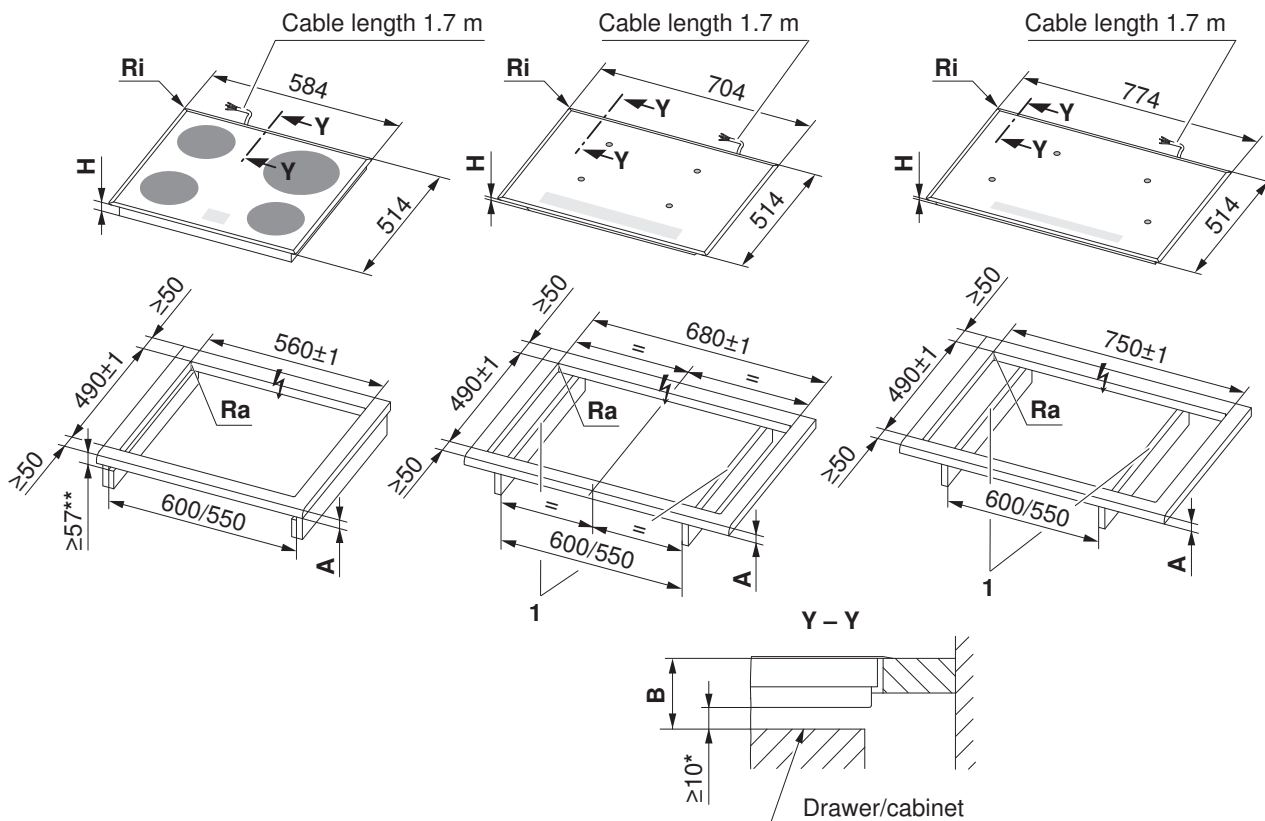
Overlying installation with normal mounting frame

The cooking ring layout of the hob to be fitted can differ from the hob illustrated.

GK46TIGC, GK46TIMGC, GK46TIMSC/O

GK46TIMXSC

GK46TIMASC, GK47TIMASC



* The clearance space must be maintained.

** Cut-out for a niche width of 550 mm

1 With symmetrical installation, cut-outs in the side panels are not required.

Type	A – loosely based on manufacturer	B	H	Corner radius Ra/Ri
GK46TIMGC, GK46TIMSC/O, GK46TIMXSC, GK46TIMASC, GK47TIMASC, GK46TIGC	≥30 mm	≥60 mm	50 mm	10/8 mm

A Worktop depth (in combination with directly built-under oven)

B Required clearance in the service exchange

H Measurement from the top side of the worktop to the underside of the hob (ventilation opening)

Ri Appliance corner radii

Ra External corner radii of the cut-out

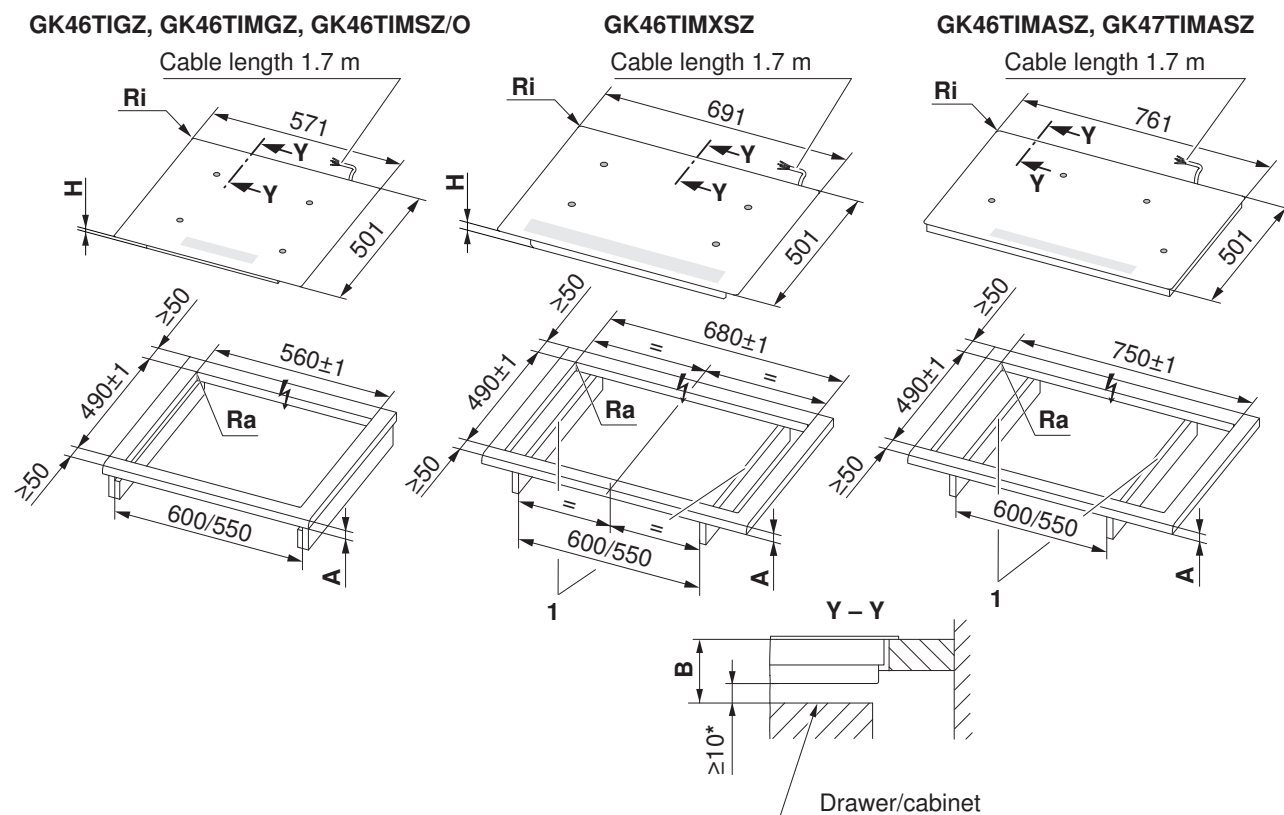
Installation

1. Create the mounting cut-out accurately.
2. Carefully place the appliance in the mounting cut-out and push against the work surface until flat.



Overlying installation

The cooking ring layout of the hob to be fitted can differ from the hob illustrated.



* The clearance space must be maintained.

1 With symmetrical installation, cut-outs in the side panels are not required.

Type	A – loosely based on manufacturer	B	H	Corner radius Ra/Ri
GK46TIGZ, GK46TIMGZ, GK46TIMSZ/O, GK46TIMXSZ, GK46TIMASZ, GK47TIMASZ	≥30 mm	≥71 mm	47.7 mm	5/1.5 mm

A Worktop depth (in combination with directly built-under oven)

B Required clearance in the service exchange

H Measurement from the top side of the worktop to the underside of the hob (ventilation opening)

Ri Appliance corner radii

Ra External corner radii of the cut-out

Installation

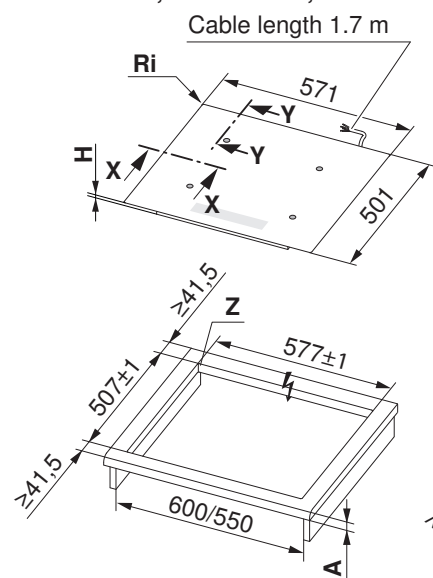
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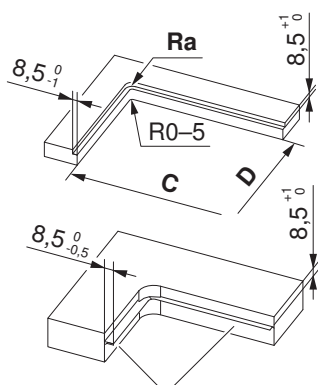
Flush installation

The cooking ring layout of the hob to be fitted can differ from the hob illustrated.

GK46TIGZ, GK46TIMGZ, GK46TIMSZ/O

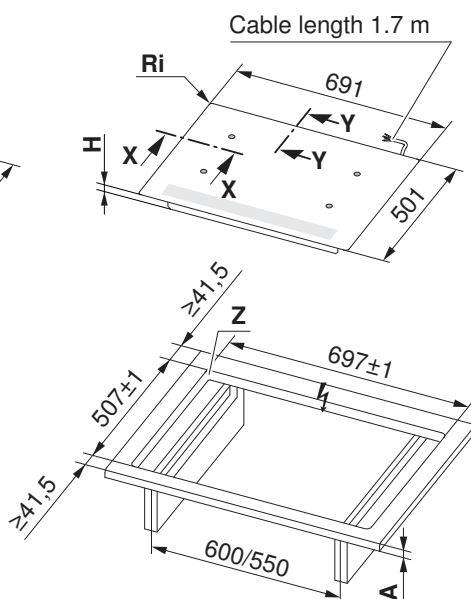


Detail Z

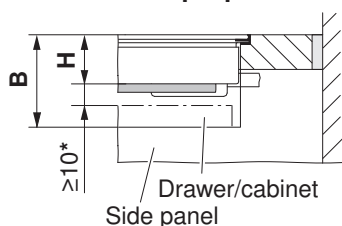


Steel angle mounted
with adhesive or screws

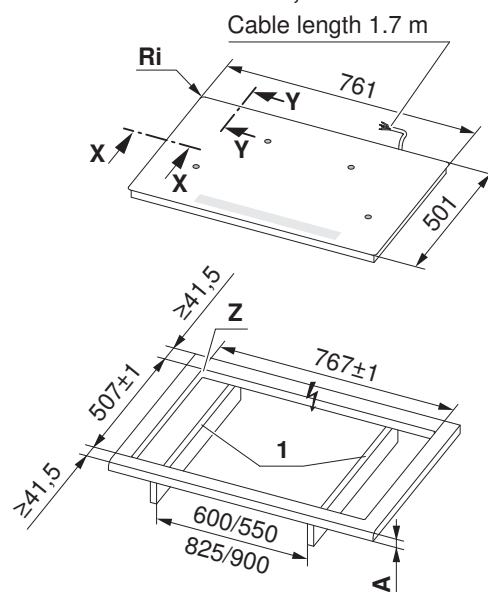
GK46TIMXSZ



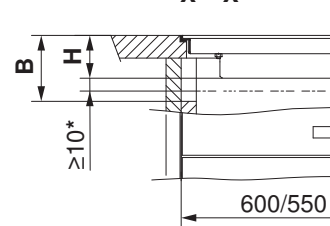
Y - Y



GK46TIMASZ, GK47TIMASZ



X - X



* The clearance space must be maintained.

1 With symmetrical installation, cut-outs in the side panels are not required.

Type	A – loosely based on manufacturer	B	C/D	H	Corner radius Ra/Ri
GK46TIGZ, GK46TIMGZ, GK46TIMSZ/O	≥30 mm	≥75 mm	560/490	51.7 mm	5/1.5 mm
GK46TIMXSZ			680/490		
GK46TIMASZ, GK47TIMASZ			750/490		

A Worktop depth (in combination with directly built-under oven)

B Required clearance in the service exchange

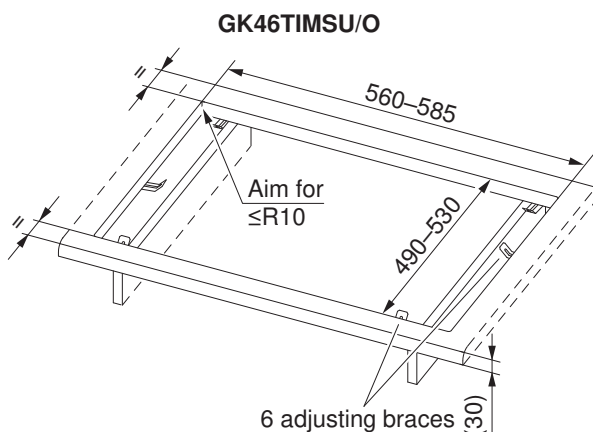
H Measurement from the top side of the worktop to the underside of the hob (ventilation opening)

Ri Appliance corner radii

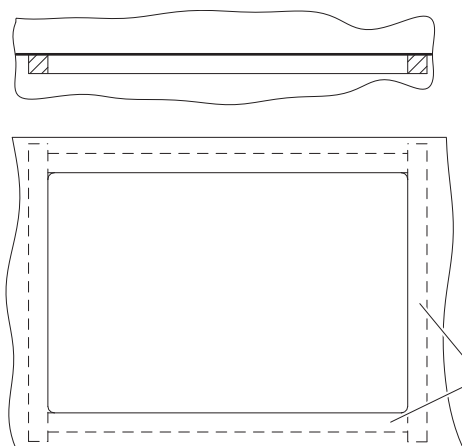
Ra External corner radii of the cut-out



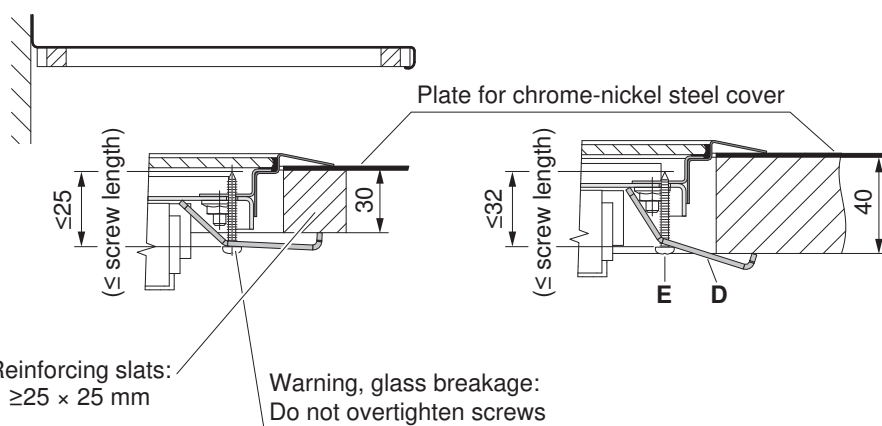
Variable areas of the special cut-out dimensions



Reinforcement of the cut-outs with a complete chrome-nickel steel cover



Arrangement of the adjusting braces



The installation instructions with regard to electrical and safety-related issues remain fully valid for this installation.

1. Make a precise, right-angled cut-out in the work surface (if not already present). Aim to keep the cut-out dimensions to a minimum.
2. Securely clamp the appliance in the cut-out using the enclosed adjusting braces **D** and screws **E**. If necessary, install reinforcing slats and use these to make the cover flat.

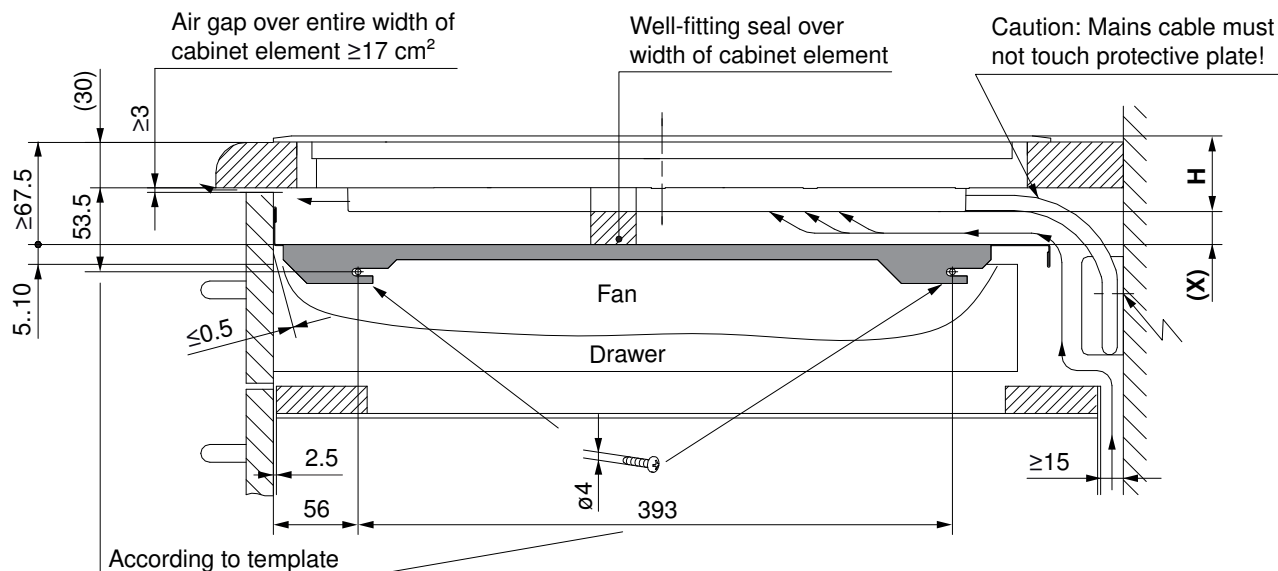


Installation of the ventilation protective plate with 3 mm ventilation gap at the front



A ventilation protective plate is required to ensure sufficient ventilation of the hob.

There must be a distance of ≥ 10 mm between the underside of the appliance and the ventilation protective plate.

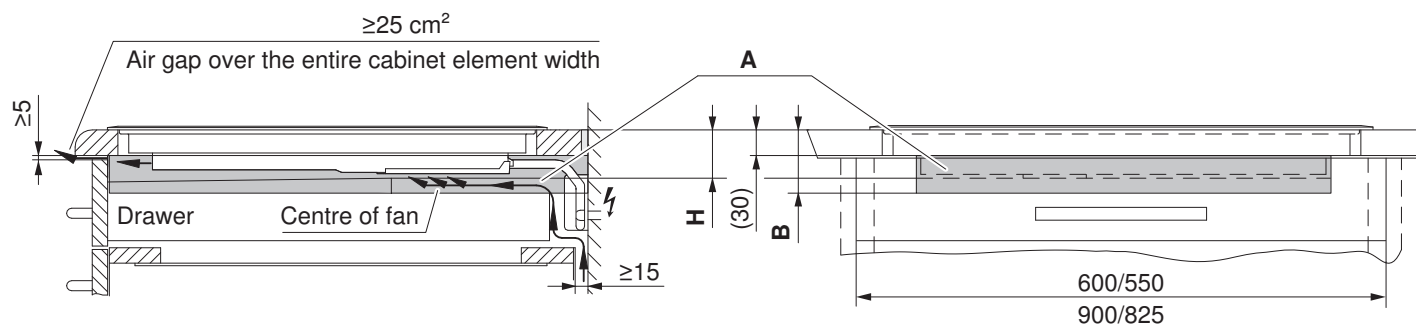


Type	X	Remarks
GK46TIGC, GK46TIMGC, GK47TIMASC, GK46TIMXSC, GK46TIMASC, GK47TIAMSC	12 mm	Overlying installation
GK46TIGZ, GK46TIMGZ, GK46TIMSZ, GK46TIMXSZ, GK46TIMASZ, GK47TIMASZ	10 mm	Flush installation
GK46TIMSU	13 mm	With oversize mounting frame

H Dimension from the top of the work surface to the underside of the hob (fan opening).

Cool air supply with regard to drawer or cabinet installed below

To ensure good ventilation, there must be ≥ 10 mm of space under the appliance.



- A** Required space for the appliance under the work surface.
- B** Required space for the ventilation of the appliance under the work surface.
- H** Dimension from the top of the work surface to the underside of the hob (fan opening)