

Installation instructions

Induction hob
GK46/47TI
Glass ceramic hob



1039701-R01

03/11/2017

 **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 apply to the following models:

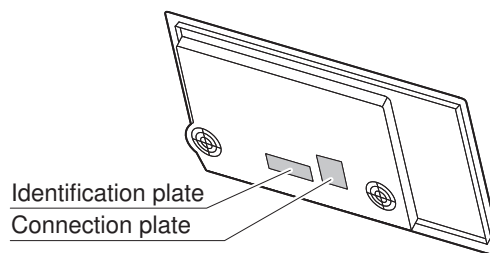
Product family	With normal mounting frame	With DualDesign
31087	GK46TIMXSCO	GK46TIMXSZO
31091	GK46TIMASCO	GK46TIMASZO
31097	-	GK46TIABSZ
31098	GK47TIMXSC	GK47TIMXSZ
31099	GK47TIMSC, GK47TIMSCO	GK47TIMSZ, GK47TIMSZO
31100	-	GK46TIAKSZ

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

Flush installation:

Designation	Art. no.
Cementing-in instructions	J004133
Sealing strip 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

Surface-mounted installation:

Designation	Art. no.
Stainless steel intermediate support for the surface-mounted combination of several hobs	1014361
Black intermediate support for the surface-mounted combination of several 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 installation of steel angle Permabond F246 (incl. activator), 50 ml tube. From Silitech AG, 3008 Berne.	B11502
Cement set Complete with cleaning agent, primer type 1105, cartridge with black silicone adhesive, with nozzle. Suitable for all absorbent worktop materials (wood and natural stones such as marble or granite).	86.3928.85
Special primer type 107 Suitable for non-absorbent worktop materials (not suitable for polyethylene, polypropylene or Teflon).	45.2771.76
Intermediate support kit for the flush-mounted combination of several hobs (contains two intermediate supports)	H63789

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Electrical connection

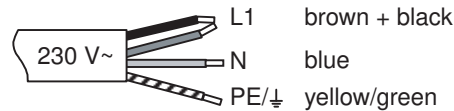
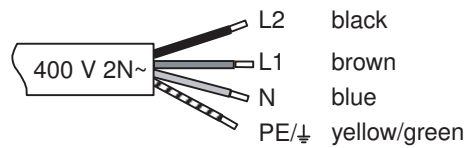
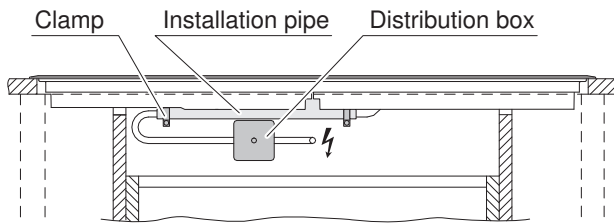


Electrical connections must be carried out by qualified personnel in accordance with the guidelines and standards for low-voltage installations and the specifications of the local electricity supply companies.

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



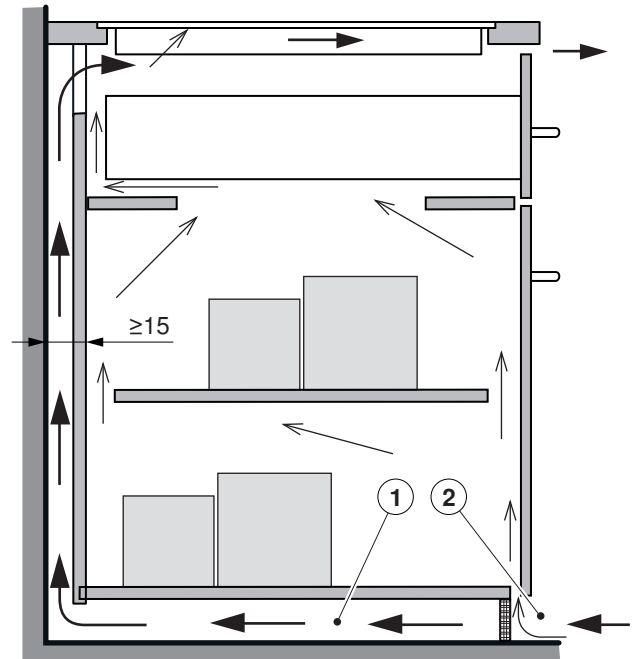
**Faulty connection:
A pole conductor has been connected to the connection terminal for neutral conductors.**

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.

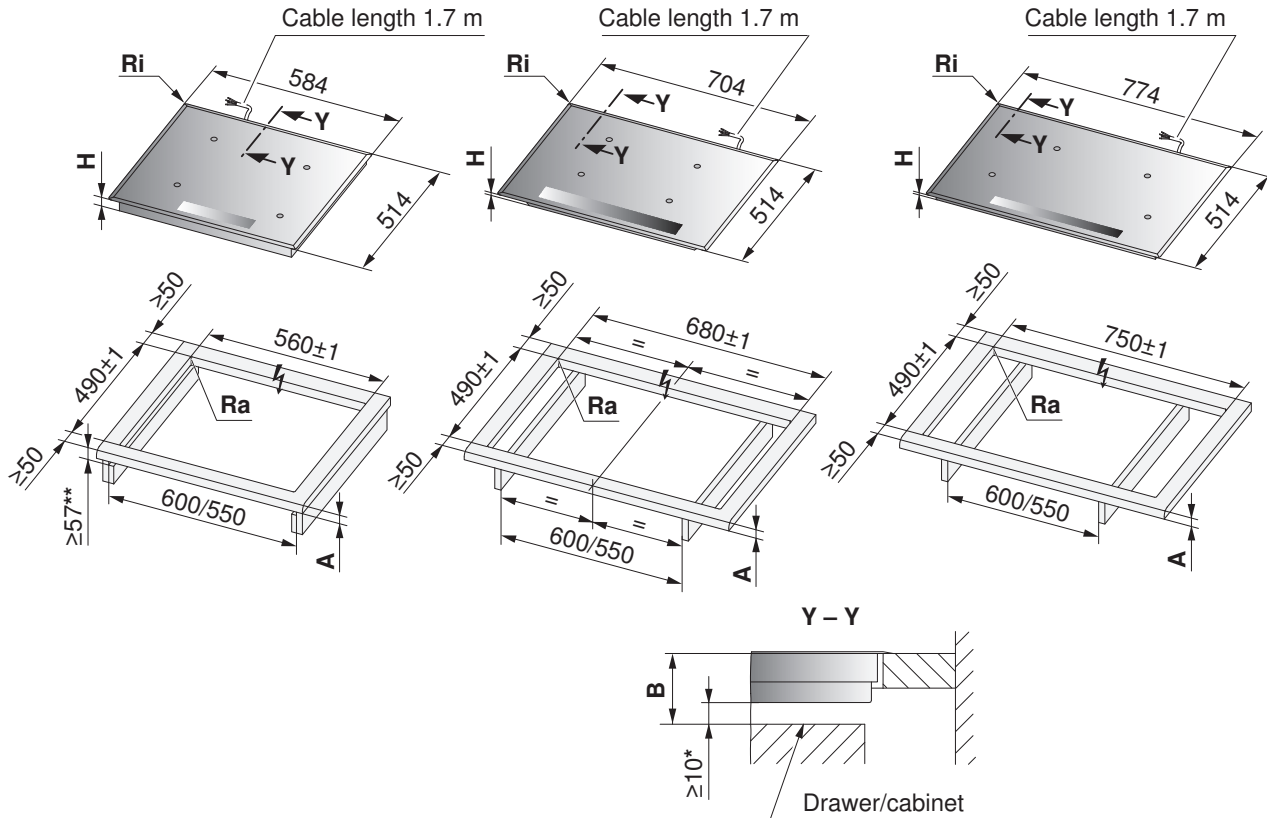
Overlying installation with normal mounting frame

The layout of the hob to be fitted may differ from the hob illustrated!

GK46TIGC, GK46TIMGC, GK46TIMSC/O

GK46TIMXSC

GK46TIMASC, GK47TIMASC



* The required clearance must be observed!

** Cut out if niche width 550 mm

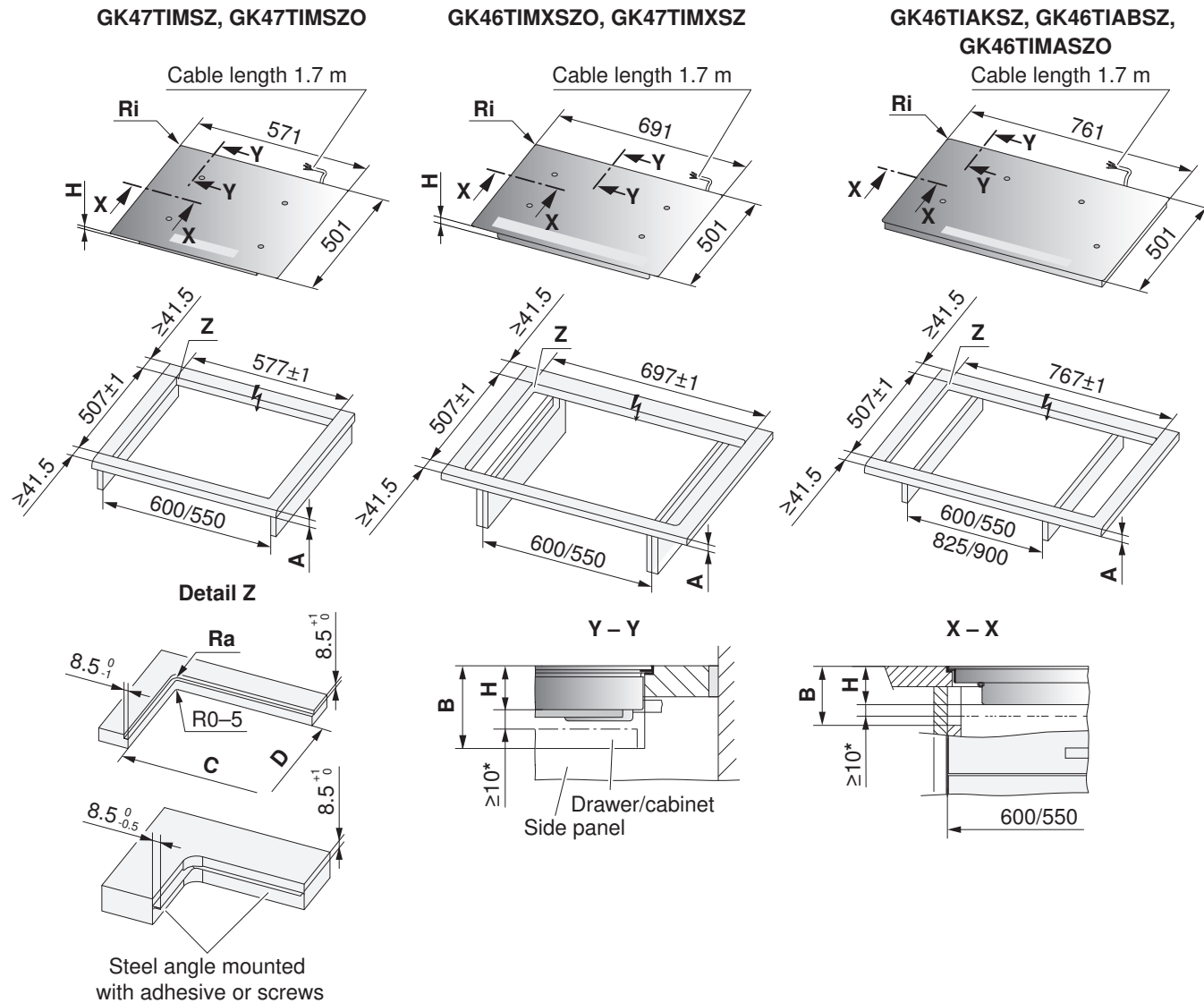
Type	A Depends on producer	B	H	Corner radius Ra/Ri
GK46TIMASCO, GK46TIMXSCO, GK47TIMSC, GK47TIMSCO, GK47TIMXSC	≥20 mm	≥60 mm	50 mm	10/8 mm

- A** Worktop depth (in combination with directly built-under oven; does not apply to small appliances)
- B** Required clearance for service replacement
- H** Dimension from the top of the work surface to the underside of the hob (ventilation opening)
- Ri** Corner radii of appliance
- Ra** Outer corner radii of cut-out



Flush installation

The layout of the hob to be fitted may differ from the hob illustrated!



* The required clearance must be observed!

Type	A Depends on producer	B	C/D	H	Corner radius Ra/Ri
GK47TIMSZ, GK47TIMSZO	≥20 mm	≥75 mm	560/490	51.7 mm	5/1.5 mm
GK46TIMXSZO, GK47TIMXSZ			680/490		
GK46TIAKSZ, GK46TIABSZ, GK46TIMASZO			750/490		

- A** Worktop depth (in combination with directly built-under oven; does not apply to small appliances)
- B** Required clearance for service replacement
- H** Dimension from the top of the work surface to the underside of the hob (ventilation opening)
- Ri** Corner radii of appliance
- Ra** Outer corner radii of cut-out

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Installation

1. Create an accurate mounting cut-out.
 - The mounting surface can be reamed out or created by installing wood/stone supports or using the steel angle set (see Accessories).



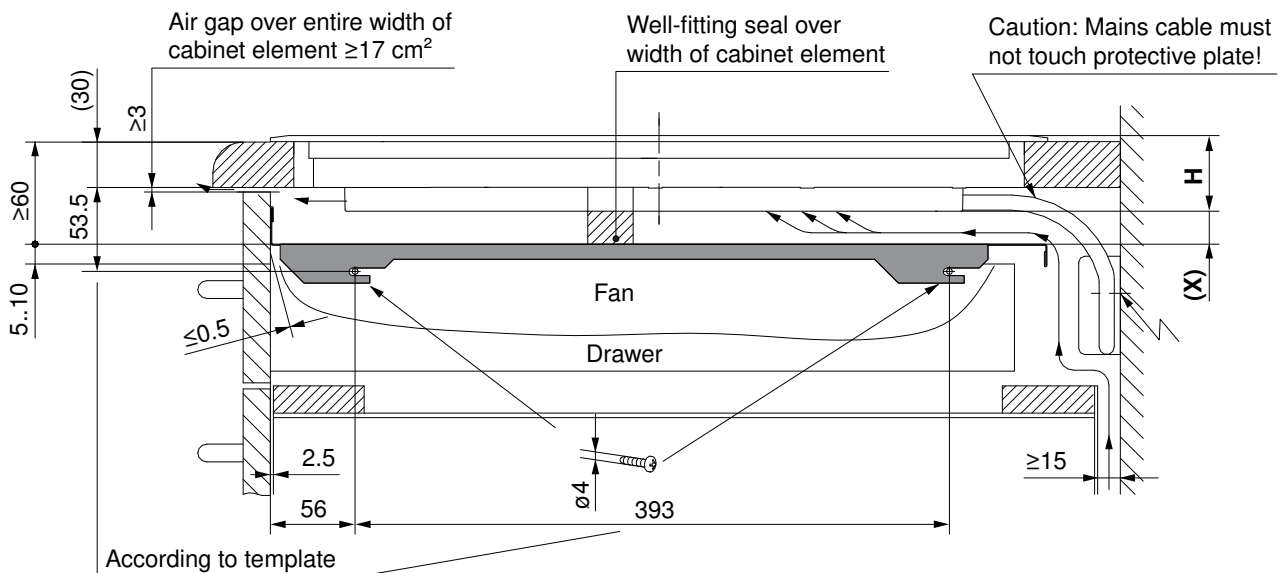
Access to the appliance from below via the entire cut-out area must be guaranteed. For servicing purposes, the induction generator can be removed from below with the mounting plate. It must be possible to unscrew the contact-proof covers from below.

2. Prepare the cut-out and appliance in accordance with the specifications in the enclosed cementing-in instructions.
3. Carefully cement the appliance in and leave the silicone sealant to dry for at least 24 hours.
4. Connect to the electrical mains connection before inserting the appliance, if necessary.

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



A ventilation protective plate is necessary for the adequate ventilation of the hob.
The distance between the underside of the appliance and the protective plate must be ≥ 10 mm.

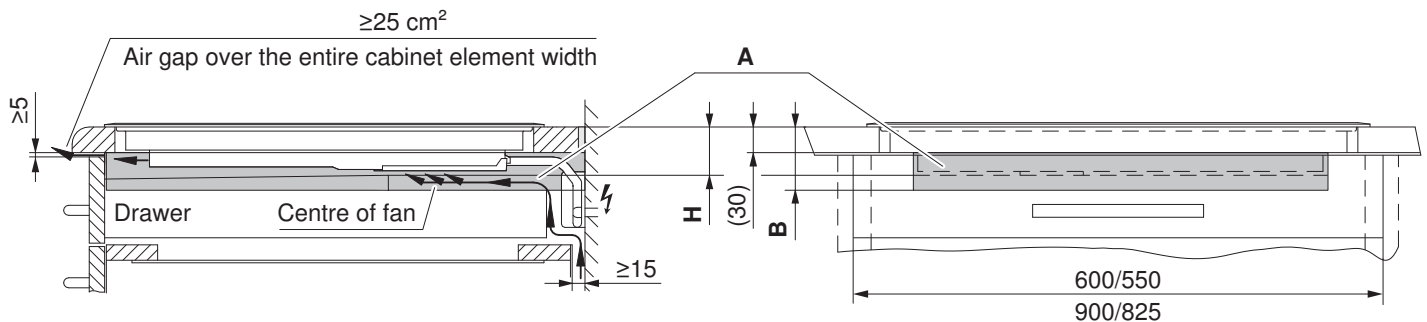


Type	X	Remarks
GK46TIMASCO, GK46TIMXSCO, GK47TIMSC, GK47TIMSCO	14 mm	Surface-mounted installation
GK46TIAKSZ, GK46TIABSZ, GK46TIMASZO, GK46TIMXSZO, GK47TIMSZ, GK47TIMSZO, GKTIMXSZ	10 mm	Flush installation

H Dimension from the top of the work surface to the underside of the hob (ventilation 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)