

Installation instructions

Glass ceramic hob, Teppan Yaki
Frameless, for flush installation



J007.123-0

18.3.09 ITH



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 model: **007** (GK16TEYSF)

General notes

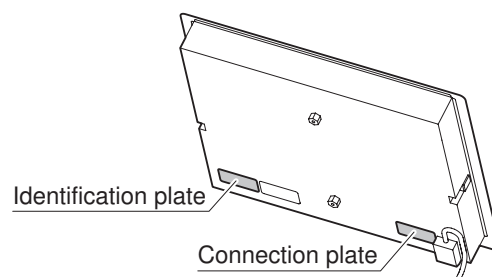


If fitting in flammable material, the guidelines and standards for low voltage installations and for the fire protection must be strictly observed.

Identification plate / Connection plate

Positioning: see adjoining figure

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



Installation accessories included

Designation	Article no.	Number
Sealing strip set	H6.2138	1
Cooking dome	H6.2626	1
Spatula	H6.2627	2

Accessories

Designation	Article no.
Steel angle set Installation dimension 60	H6.2084
Protection plate set For niche width 550–600 mm	H6.2122
For niche width 825–900 mm	H6.2123
Quick glue for the installation of the steel angles Permabond F246, incl. Activator, 50 ml tube. Silitech AG, 3008 Bern.	B11.502
Cement set Complete with cleaning agent, primer type 1105, cartridge with silicon adhesive, black with nozzle. Suitable for all absorbent worktop materials (wood and natural stones such as marble and granite).	86.3928.85
Special primer, type 107 Suitable for non-absorbent worktop materials (not suitable for polyethylene, polypropylene or Teflon).	45.2771.76

Electrical connections



Electrical connections must be carried out by trained electricians 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. Old installations should always be checked.

- Information on the necessary mains voltage, type of current and fuse protection can be taken from the identification plate.

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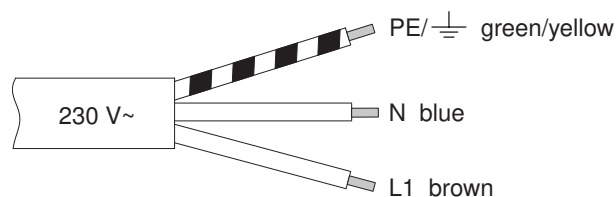
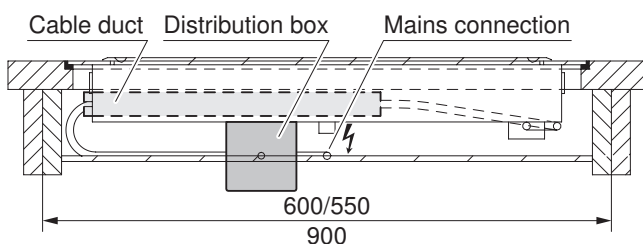
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- ▶ The appliance is equipped with a connection cable that should be connected to a distribution box provided by the customer.
- ▶ If an oven is installed under the appliance, we recommend placing the distribution box behind the base. A cut-out can be made in the rear wall for the cables.



Installation



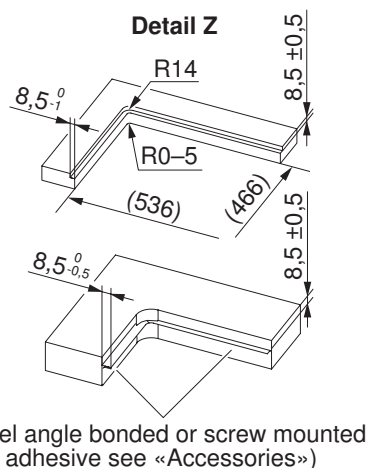
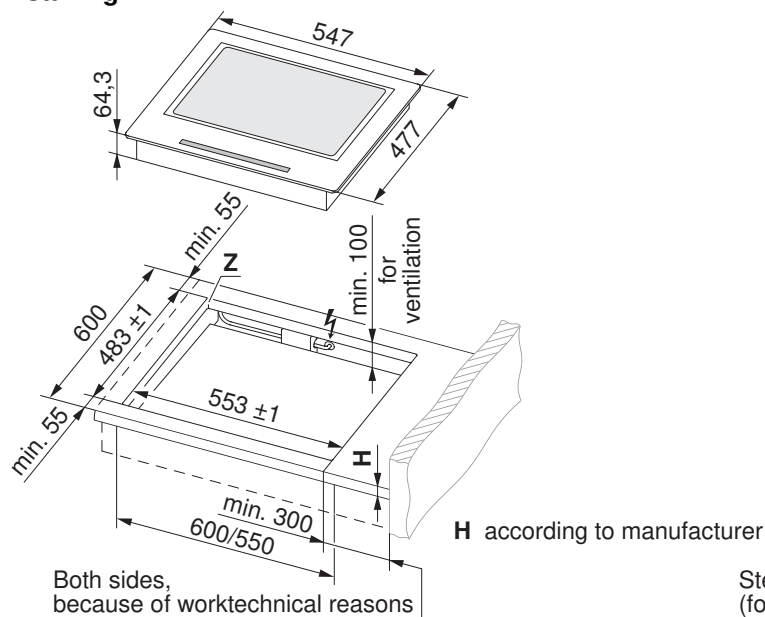
The distance from the hob cut-out to flammable walls (left, right and rear) must be at least 55 mm. Parts such as partition walls, reinforcing strips which protrude into the installation space under the cooking zone must be of non-flammable materials.

In case of direct installation of a drawer under the hob – if the hob trough can be touched from below without tools – an access protection (intermediate base or protection plate set) must be provided below the hob. For service purposes, this must be removable from below with tools (safety requirement). For hob ventilation, there must be a minimum clearance of 100 mm from the upper edge of the worktop.

Indications

- The worktop must be flat and at least 30 mm thick.
- Width of material between cut-outs for adjacent hobs in stone worktops:
The material width is determined by the producer of the stone worktop. The minimum material width of 40–60 mm can vary according to the property of the stone, or it can be reinforced below.

Installing



1. Create the cut-out accurately.
 - The bearing surface can be produced by milling or by installing wood or stone bars, or using the steel angle set (see «Accessories»).



The access to the bottom of the hob must be ensured. For service purposes, the hob control can be exchanged from below. It must be possible to unscrew the touch-protection covers.

2. Carefully cement the hob in place (see «Cementing-in»).
3. Where necessary establish the mains supply connection before inserting the appliance. For this, take a look at the identification plate and the connection plate.



The connection cable must not touch the hot areas of the hob trough situated below the cooking zones.

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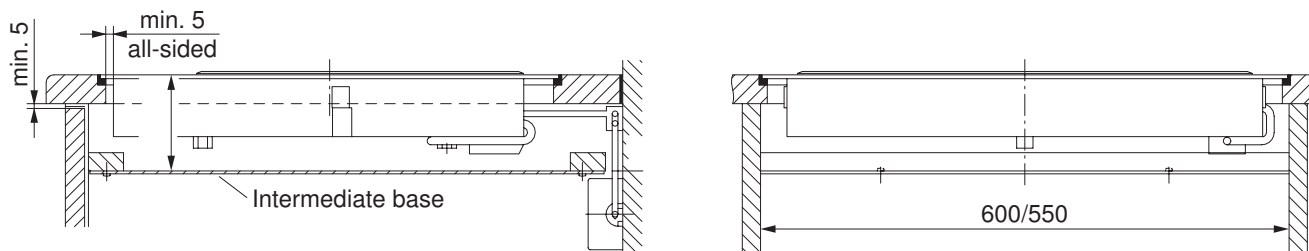
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Access protection

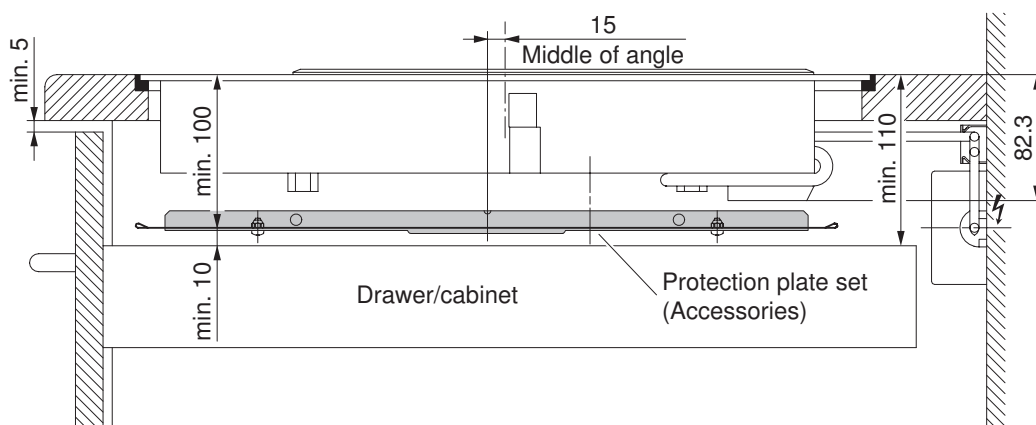
- Safety requirement: The access protection must be removable from below with tools for service purposes.
- For hob ventilation: There must be a minimum clearance of 100 mm from the upper edge of the worktop.

with intermediate base



with protection plate set

If necessary, a protection plate (see «Accessories») can be fitted above the drawer.



Accessories – Use

Cement set 86.3928.85 (not supplied)

Suitable for all absorbent work surface materials (wood and natural stone types such as marble, granite).

The set comprises:

Designation	Remarks	Number
Cleaning agent, type T *	–	1
Primer, type 1105 *	100 ml bottle	1
Silicon adhesive black	cartridge with nozzle	1

For the remaining, resp. for non-absorbent and artificial stone surfaces, the special primer type 107 *, article no. 45.2771.76 must be used. Not suitable for polyethylene, polypropylene, Teflon.

* Primer types: Firm name H. OTTO GmbH u. Co., Chemie GK, D-83413 Fridolfing

Good adhesion cannot be obtained on slate or other materials containing oil. The use of such work surface materials is not advised for the flush installation of glass ceramic hobs.



In case of doubt as to the suitability of cement set materials, especially when using them for the first time, we recommend that you carry out adhesion trials on test pieces or at non-visible locations.

Sealing strip set H6.2138 (supplied)

The set comprises

Characteristics	Thickness x width	Length per roll
open-cell (soft)	5 mm x 8 mm	2,5 m
highly compressed (hard)		0,8 m



Steel angle set H6.2084 (not supplied)

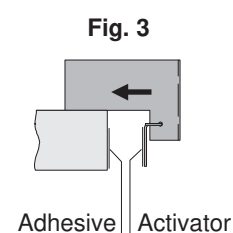
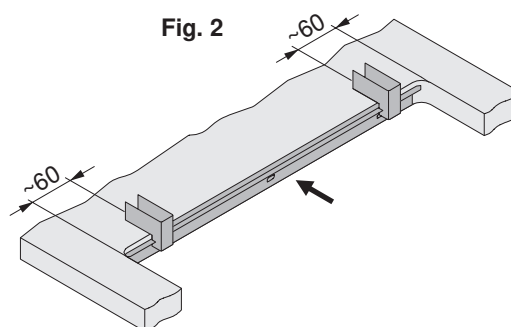
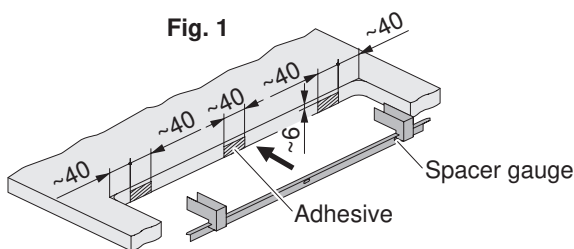
When using the steel angle set, the cut-out and the corner radius can be cut smoothly over the entire work surface thickness, without bearing protrusion. The correct position of the sides of the angle mounting with reference to the work surface is set with the 2 spacer gauges supplied.

Procedure



The steel angles can be screw mounted with wood surfaces.

1. Thoroughly clean and degrease the cut surface of the stone.
2. Coat the bonding surface on the stone side with quick glue (see «Accessories») (**Fig. 1**).
3. Thoroughly clean and degrease the bonding surface of the steel angle.
4. Apply activator to the first steel angle so that the activator and the stone surface with adhesive applied come into contact.
5. Place the two spacer gauges on the first angle mounting (**Fig. 1**).
6. Place the spacer gauges on the work surface, position the angle mounting centrally on the cut edge of the stone (**Fig. 3**) and apply pressure (**Fig. 2**).
 - The adhesive is sufficiently hardened after ca. 1 minute.
7. Remove both spacer gauges and keep them for future use.
8. Bond the other 3 angle mountings using the same procedure.



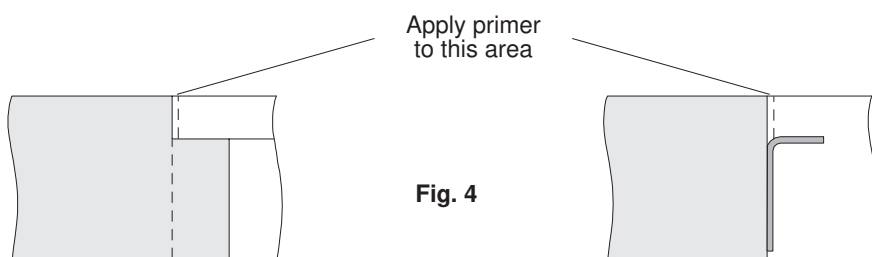
Preparing the cut-out



Lack of care in the preliminary work can result in the ingress of liquid which will lead to the swelling of the wood and hence the destruction of the cover.

If inappropriate pre-processing agents and adhesives are used for special cover materials, these materials may possibly show colour changes along the cemented joint and sealing joint.

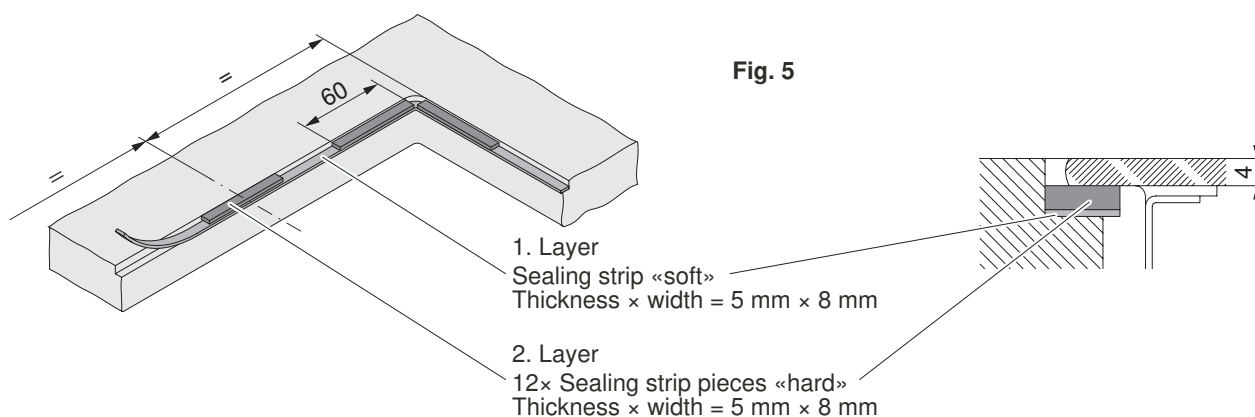
1. Make sure the cut-out is clean, free of dust and any other dirt.
2. Coat 1–2× liberally with special primer (see «Accessories») (**Fig. 4**) and leave exposed to the air for at least 30 minutes. wait for the primer to completely dry.
 - The surface of the cut-out will be protected by the primer against the ingress of moisture (sealed), enhancing the adhesive properties of the adhesive.





Cementing-in

1. Clean the edges of the hob with ethyl-alcohol (fuel alcohol), isopropyl-alcohol, trichlorethylene or cleaner type T, ensuring total freedom from grease and dirt. Do not use water with detergent!
2. Leave to dry for a short time.
3. Stick the self-adhesive sealing strip (5 mm × 8 mm) supplied with the hob to the cleaned edge mounting surface (**Fig. 5**).
4. In corner areas, cement 2 sealing strip pieces «hard» each, and in centre areas 1 sealing tape «hard», over the sealing strip.



5. Place the hob carefully in the prepared cut-out and align it so that the sealing gap is uniform all around.
6. Press the hob, especially in the corners so that the hob surface is level with the work surface.



Do not press against the edge of the glass with tools!



If level compensation cannot be obtained straightaway, the length of the sealing strip pieces must be shortened accordingly.

7. Press the silicon adhesive into the sealing gap, avoid air bubbles and drawing a somewhat raised bead.
8. Spray the silicon bead with soap solution (water and washing-up liquid).
9. Using a hard rubber or plastic spatula which has also been previously dipped into the soap solution, spread the silicon bead so it is flush. Regularly clean and immerse the spatula in the soap solution.
10. Clean off all silicon residues from the glass surface and the work surface. As appropriate, the edges of the cut-out and the glass ceramic hob plate can be covered with wide masking tape before commencing the sealing work, so that only the sealing gap is exposed. The silicon bead can also be smoothed more finely using the thumb liberally lubricated with soap solution.



The silicon adhesive requires a curing time (waiting time) of at least 24 to achieve the final strength and elasticity. During this time the hob is not to be placed in operation nor subjected to any form of mechanical stress. For this reason (impermissible mechanical stress), the final cleaning of the hob is only to take place after the expiry of this waiting time. Cover the hob with cardboard or similar to prevent dust and dirt from settling during the drying phase.