

## Installation instructions

Induction hob with integrated range hood  
GKD46TIMASZO - Fusion



1039697-R05

03/03/2020

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

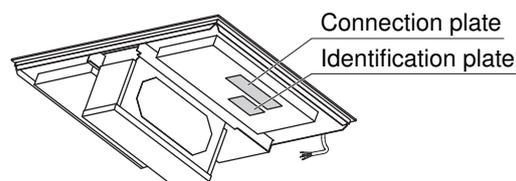
### Validity

Model designation	Model number	Type
Fusion	31094	GKD46TIMASZO

### Identification plate

The identification plate is located next to the connection plate.

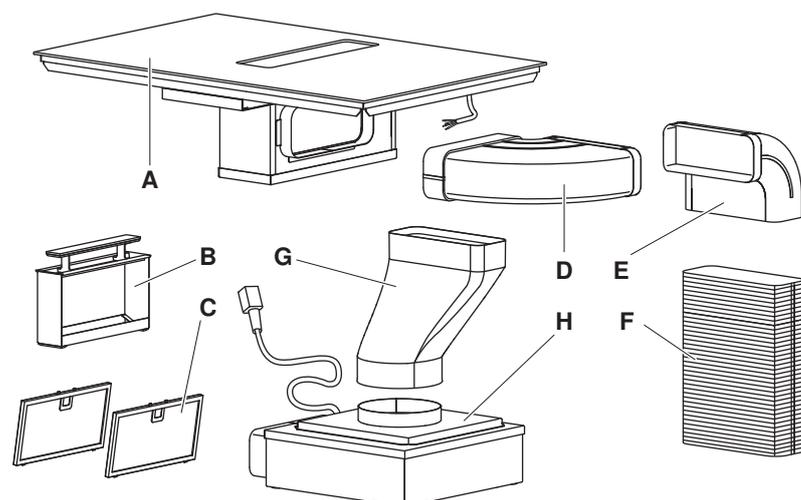
- ▶ Affix the second identification plate (supplied) in an accessible position behind the front of the fitted cabinet beneath the appliance.



### Scope of delivery



The items included in the scope of delivery such as the flat channel and elbow are made of metal.



- A Hob
- B Filter cassette
- C 2x grease filter
- D Elbow 90°, horizontal
- E Elbow 90°, vertical
- F Flat channel, flexible
- G Offsetting end piece
- H Fan motor

### General notes



If installing into a combustible material, the guidelines and standards for low-voltage installations and fire protection must be strictly observed.



If other firing systems are being used at the same time (e.g. wood, gas, oil or coal fired heating appliances), safe operation is only possible providing a room negative pressure of 4 Pa (0.04 mbar) is not exceeded at the location of the appliance. Risk of toxic fumes! An adequate flow of fresh air must be guaranteed e.g. via non-closable openings in doors or windows and in combination with an air-intake/exhaust-air wall box or by other technical means.



Efficient repairs can only be guaranteed if it is possible to disconnect the complete appliance at any time without causing any damage.

### Extraction mode



The extracted air must not be fed into a chimney which is used for exhausting fumes from appliances burning gas or other fuels. Observe the local fire regulations.



The connection for the window contact is under mains voltage! Personal injury through electric shock! Disconnect the hob from the power supply before connecting the switching system. The connected load of the switching system may only be connected by a qualified electrician.

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### Recirculation mode



**The ventilation outlet must not be covered during operation.**



**Dedicated accessories that need to be fitted to operate the appliance in the recirculation mode: 1012161 recirculation box with activated charcoal filters!**

- Install the recirculation box with activated charcoal filter in the base or adjacent cabinet.
- If the recirculation box is not equipped with activated charcoal filters, these have to be ordered and installed before using the appliance for the first time.

### Installation accessories supplied

Designation	Art. no.
Aluminium tape	H42067

### Flush installation:

Designation	Art. no.
Cementing-in instructions	J004133
Sealing strip set	H63283
Spacer set	H60330

### Accessories

### Flush installation:

Designation	Art. no.
Steel angle set, installation dimension 80	H63774
Instant adhesive for installation of the steel angle (50 ml)	B11657
Straight mixing nozzle	B11656
TREMCLEAN isopropyl alcohol (1000 ml)	1056609
Black silicone FA880 (310 ml)	B11555
Anthracite silicone FA880 (310 ml)	B11556
White silicone FA880 (310 ml)	1031313
Stone grey silicone FA880 (310 ml)	1031314
Marble smoothing agent AA320 (1000 ml)	B11557
Fugenboy (silicone finishing tool)	B75158

### 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. Refer to the identification plate for information on the required mains voltage and current type.**

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.

- If the hobs are used at an altitude of over 2,000 metres, a reduced performance must be expected.

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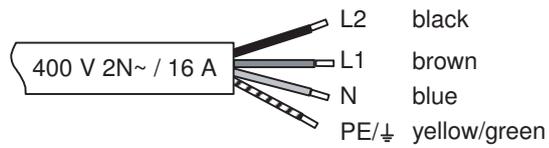
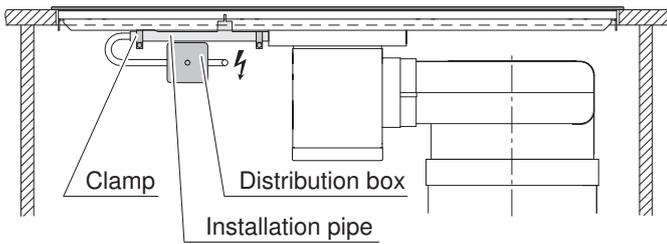
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The appliance is equipped with a connection cable which must be connected to an on-site junction box.



### 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!

### Connecting to window contact



The switching system must be equipped with a potential-free closing contact (NO) suitable for max. 230 V, 1 A. The range hood is not in operation when the switch state is open.

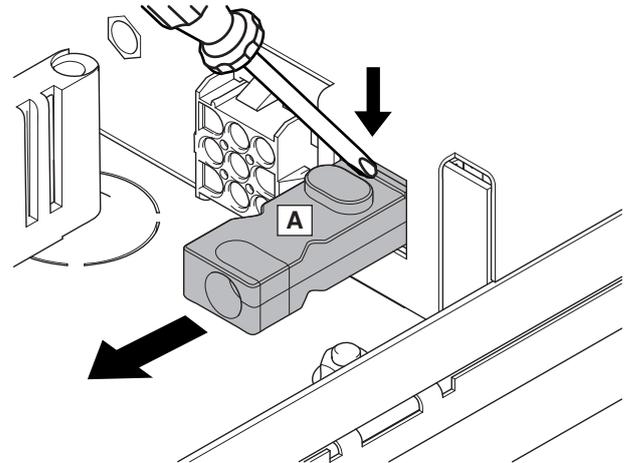
Only use tested wireless switching systems (e.g window contact switches, vacuum monitors) and have them approved by an authorised specialist (approved chimney sweep).

The switching system must be suitable for operation with a BLDC motor.

The relevant switching system documentation is required to ensure safe connection and operation.

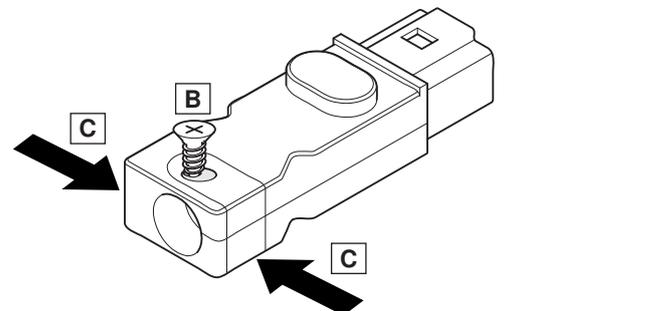
The window contact plug **A** must not be removed if the potential-free closing contact is not required.

- ▶ Release the lug and pull out the plug.



- ▶ Loosen screw **B** of the strain relief and unlock the housing on both sides **C**.

- ▶ Open the housing.

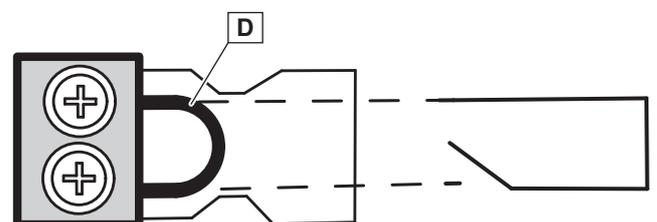


- ▶ Replace jumper **D** with the connected load of the switching system.

- ▶ Close the housing.

- ▶ Tighten up the screw of the strain relief again.

- ▶ Put the plug back in.



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## Ventilation

There must be a sufficient supply of fresh air in order to ensure good ventilation.

## Dimensions

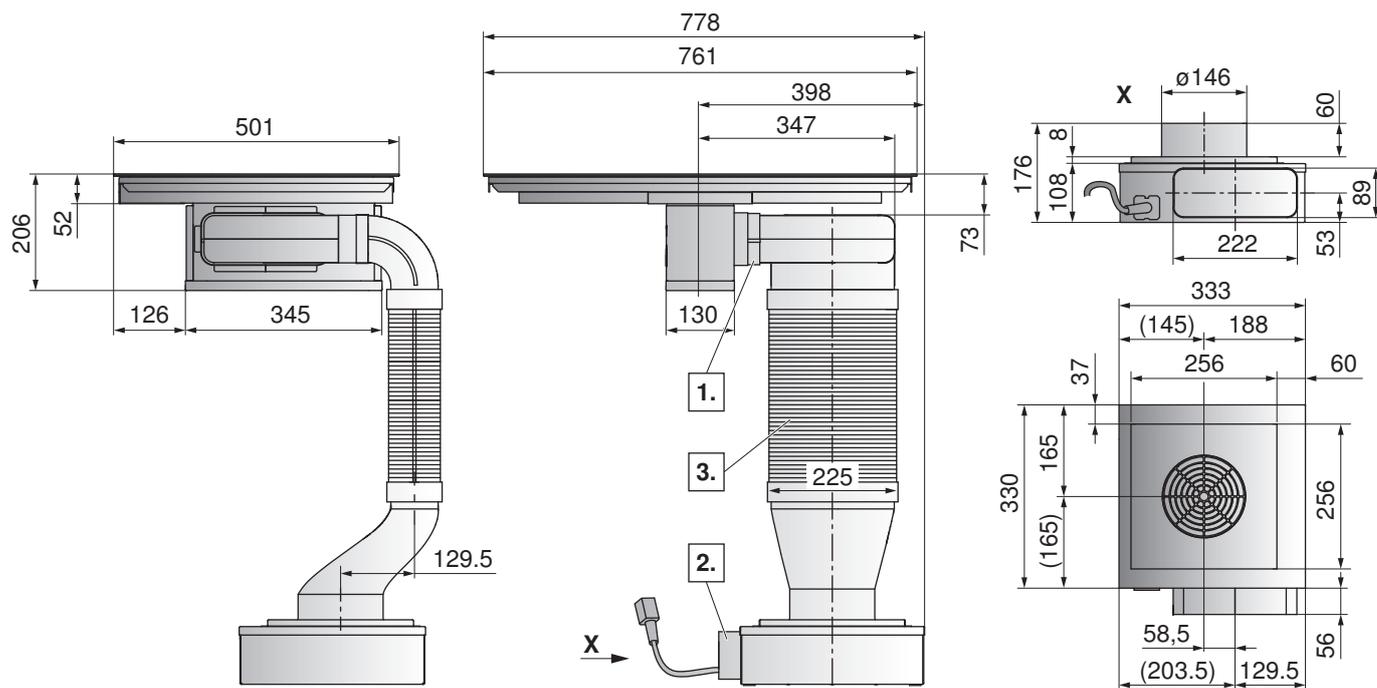


All plastering, plasterboarding, wall papering or painting work is to be carried out prior to installing the appliance.

Ensure that the material is sufficiently stable.

Plan a removable base plate or service flap for fan motor (and recirculation box in the case of the recirculation mode).

For the recirculation mode, ensure sufficient ventilation so that moisture can escape. Plan in suitable material/wood.



1. The exhaust ducting can be to the left or right.
2. The fan motor can be turned, this changes the installation type.
3. Depending on space requirements, the position of the fan motor can be adjusted by shortening the flat channel.

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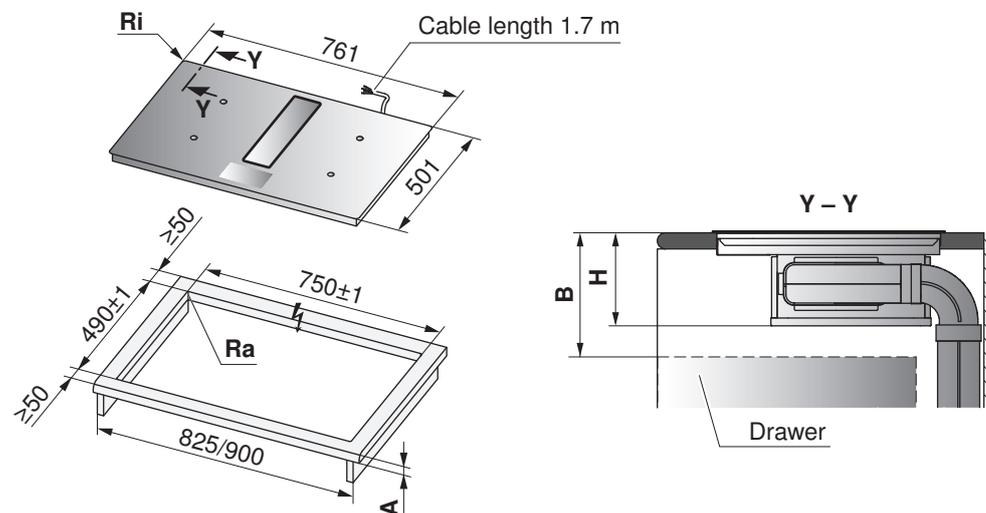
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### General information about installation

- The worktop must be flat in order that it is sufficiently sealed against the ingress of liquids.

### Surface-mounted installation

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



Type	A Depends on producer	B	H	Corner radius Ra/Ri
GKD46TIMASZO	20–70 mm	≥212 mm	202 mm	5/1.5 mm

**A** Worktop depth

**B** Required clearance for service replacement over the entire cut-out area.

**H** Dimension from the top of the work surface to the underside of the hob

**Ri** Corner radii of appliance

**Ra** Outer corner radii of cut-out



**The intermediate base must be removable from below.**

### Installation

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

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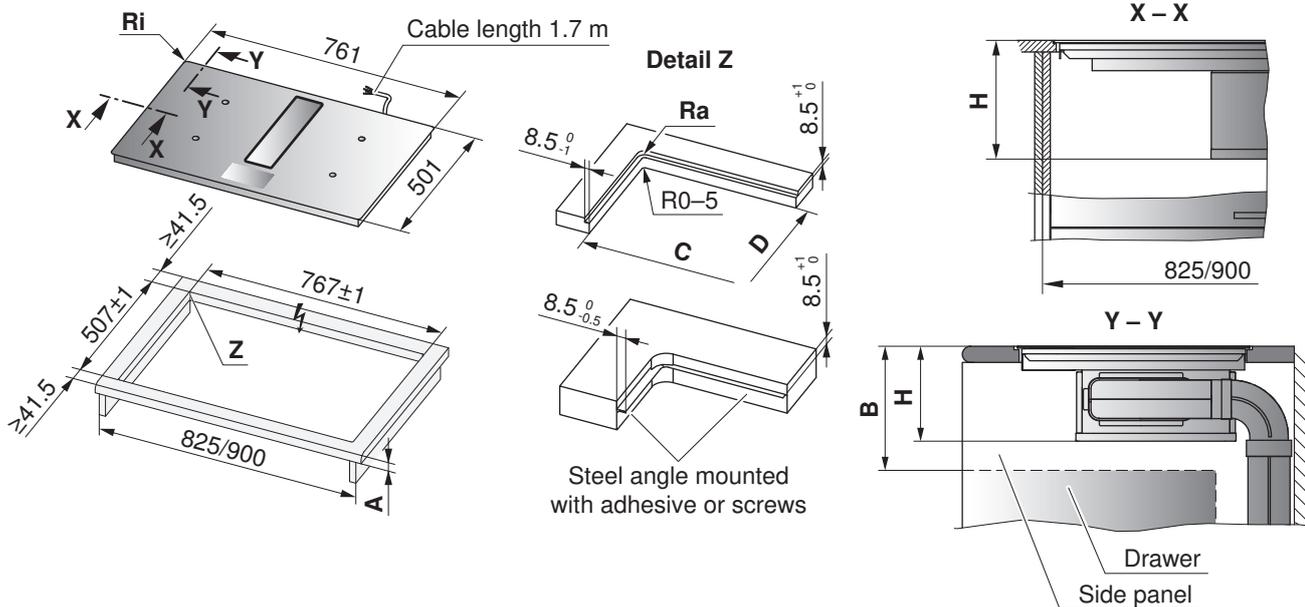


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### Flush installation

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



Type	A Depends on producer	B	C/D	H	Corner radius Ra/Ri
GKD46TIMASZO	20–70 mm	≥400 mm	750/490	206 mm	5/1.5 mm

- A** Worktop depth  
**B** Required clearance for service replacement over the entire cut-out area.  
**H** Dimension from the top of the work surface to the underside of the hob  
**Ri** Corner radii of appliance  
**Ra** Outer corner radii of cut-out



**The intermediate base must be removable from below.**

### Installation

- 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.

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

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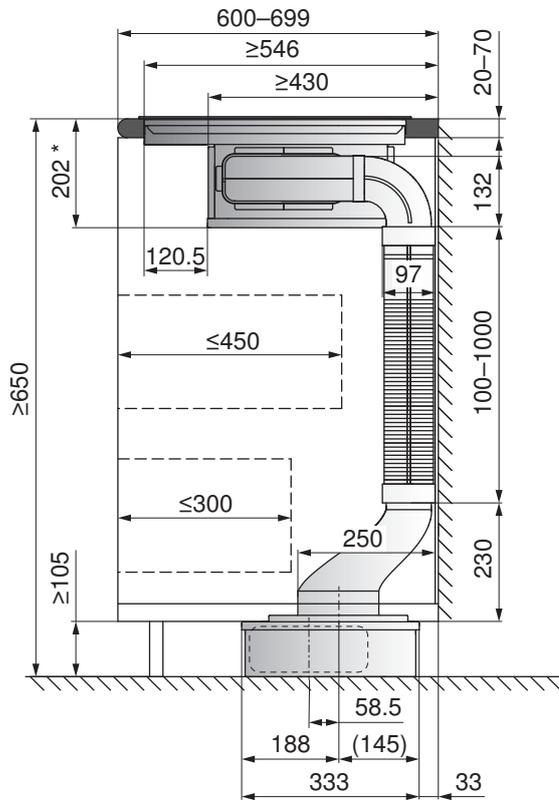
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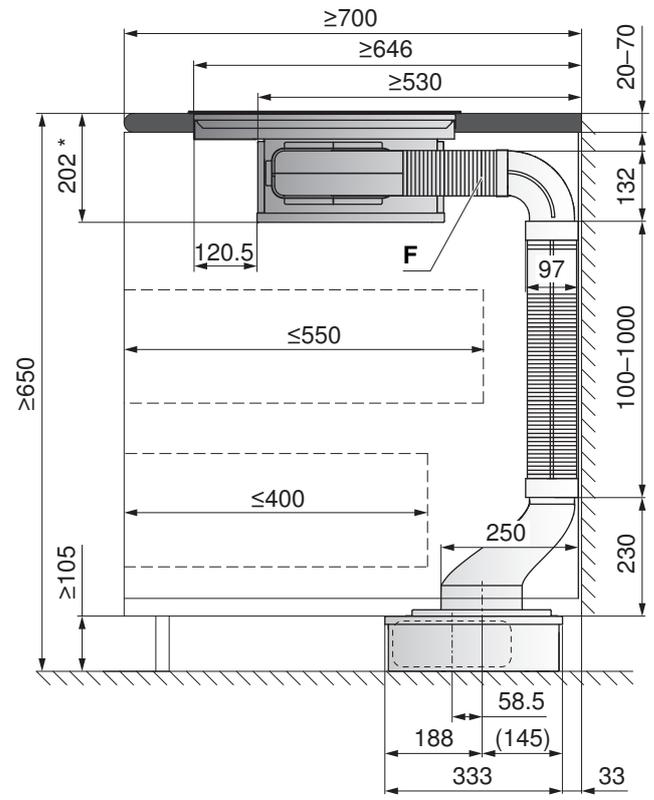


## Installation overview base unit

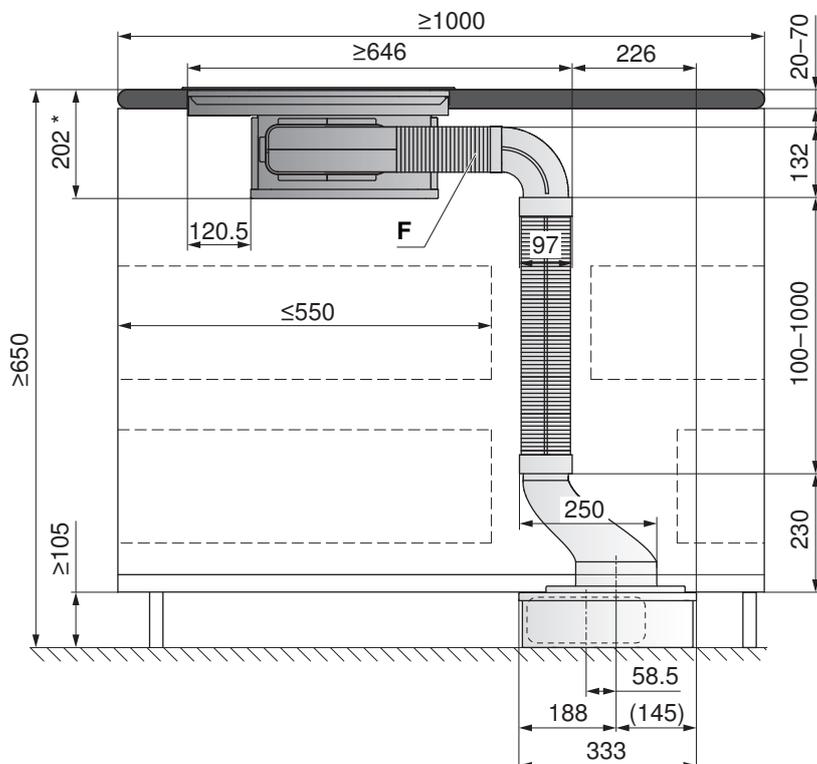
### Wall installation with depth of $\geq 600$



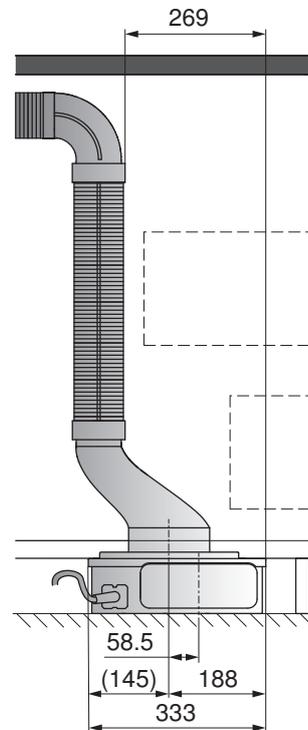
### Wall/island installation with depth of $\geq 700$



### Island installation with depth of $\geq 1000$



### Variant with rotated fan motor



\* Surface-mounted installation (flush installation 206 mm)



Flat channel F is not included in the scope of delivery. Order flat channel 1046629 at the same time.

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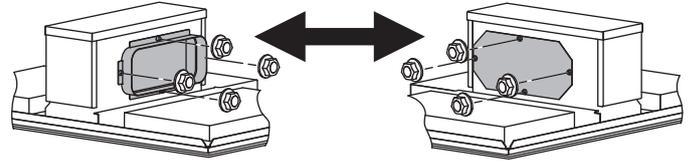
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## Installation



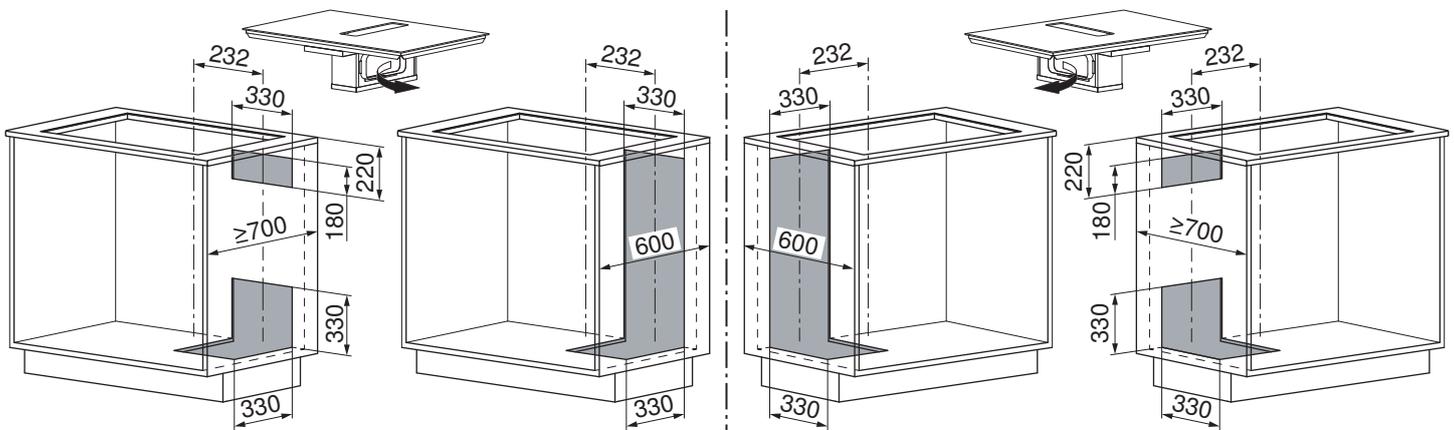
**Before installation determine whether the exhaust air duct should be to the left or right.**

- ▶ Remove 8x hex nuts, replace exhaust duct connection with cover, put back hex nuts and tighten.

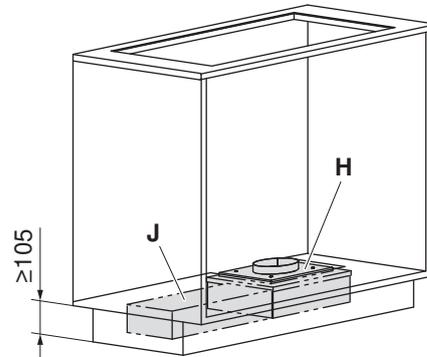


- ▶ Prepare base according to intended installation variant.

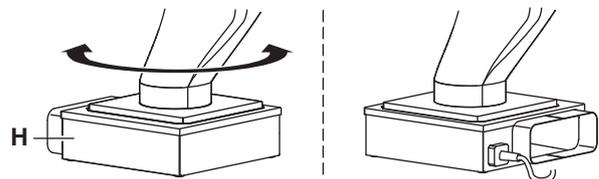
- Provide for an inspection opening for service replacement purposes as shown in the diagrams, observe exhaust air duct to left or right.



- ▶ Position fan motor **H** in base according to installation type.
- ▶ For recirculation mode: Prepare connection for recirculation box **J** with activated charcoal filters.
- ▶ Plan in enough space and ensure access to the recirculation box (for replacing the activated charcoal filters)!



- ▶ The fan motor can be turned, this changes the installation type.



**Make sure there is enough space for the ventilation outlet.**

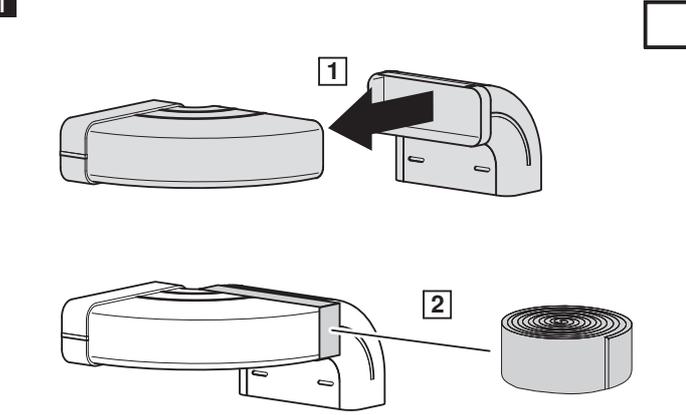
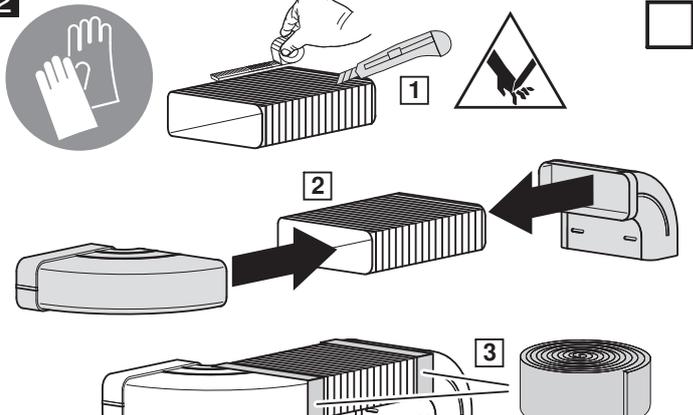
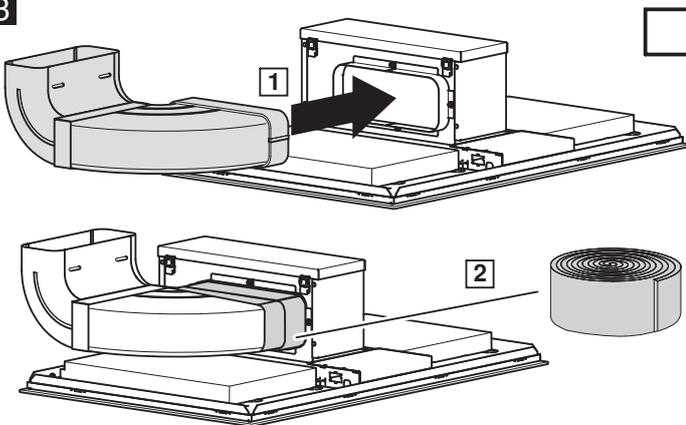
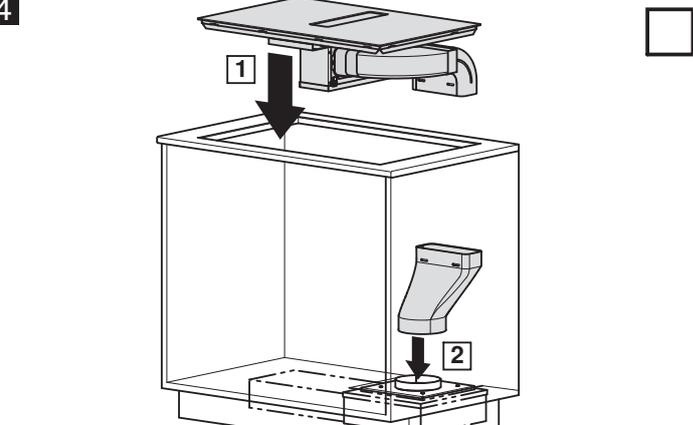
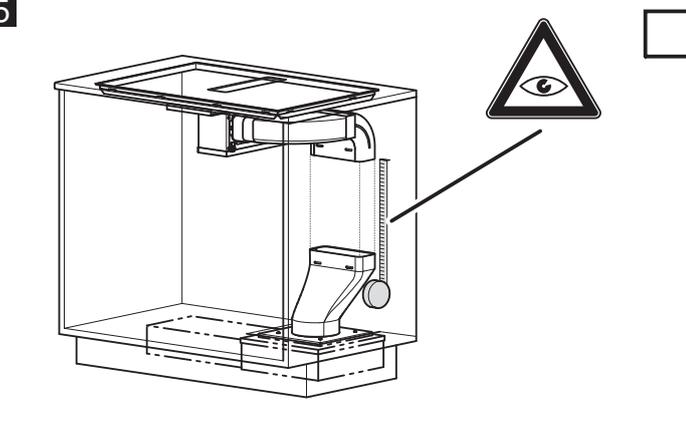
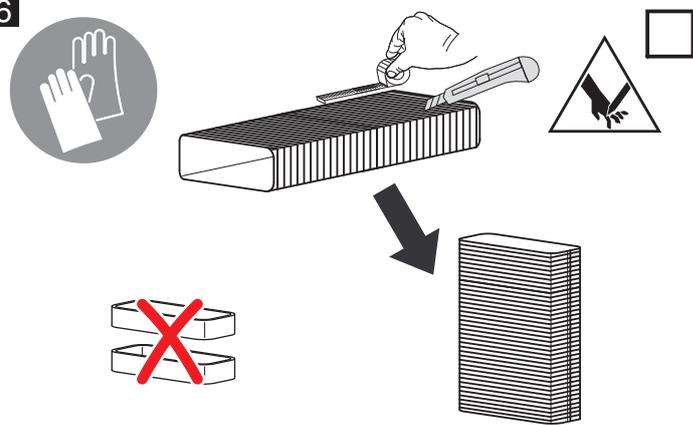
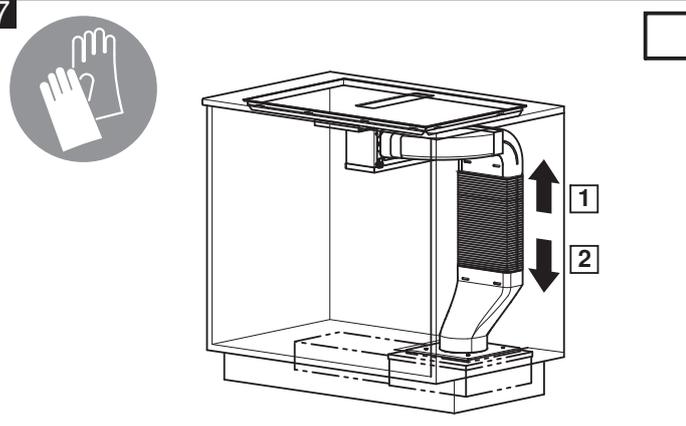
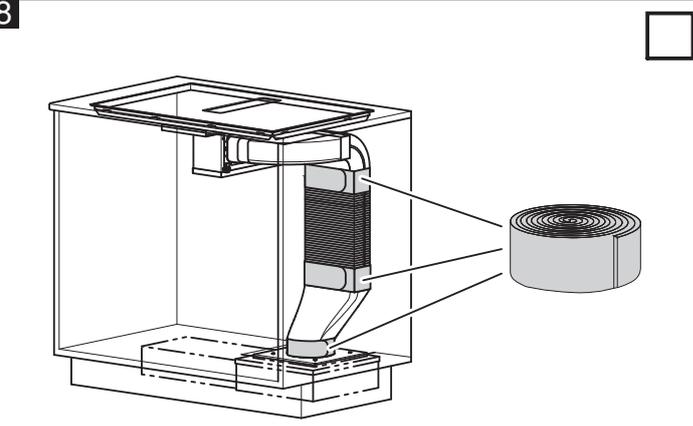
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<p><b>3</b></p> 	<p><b>4</b></p> 
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## Installation instructions

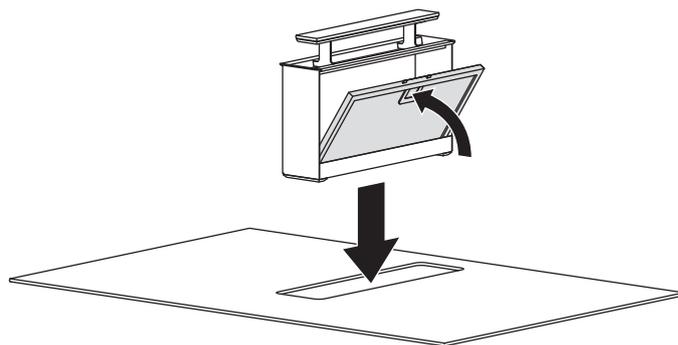
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- ▶ All connection components must be cleaned and then completely sealed using aluminium tape H42067.
- ▶ Plug control cable from fan motor into control unit of hob.
- ▶ Connect the appliance to the power supply using the mains cable.
- ▶ Follow the operating instructions for using the appliance for the first time.
- ▶ Mount grease filters (left and right) in filter cassette.
- ▶ Insert filter cassette.

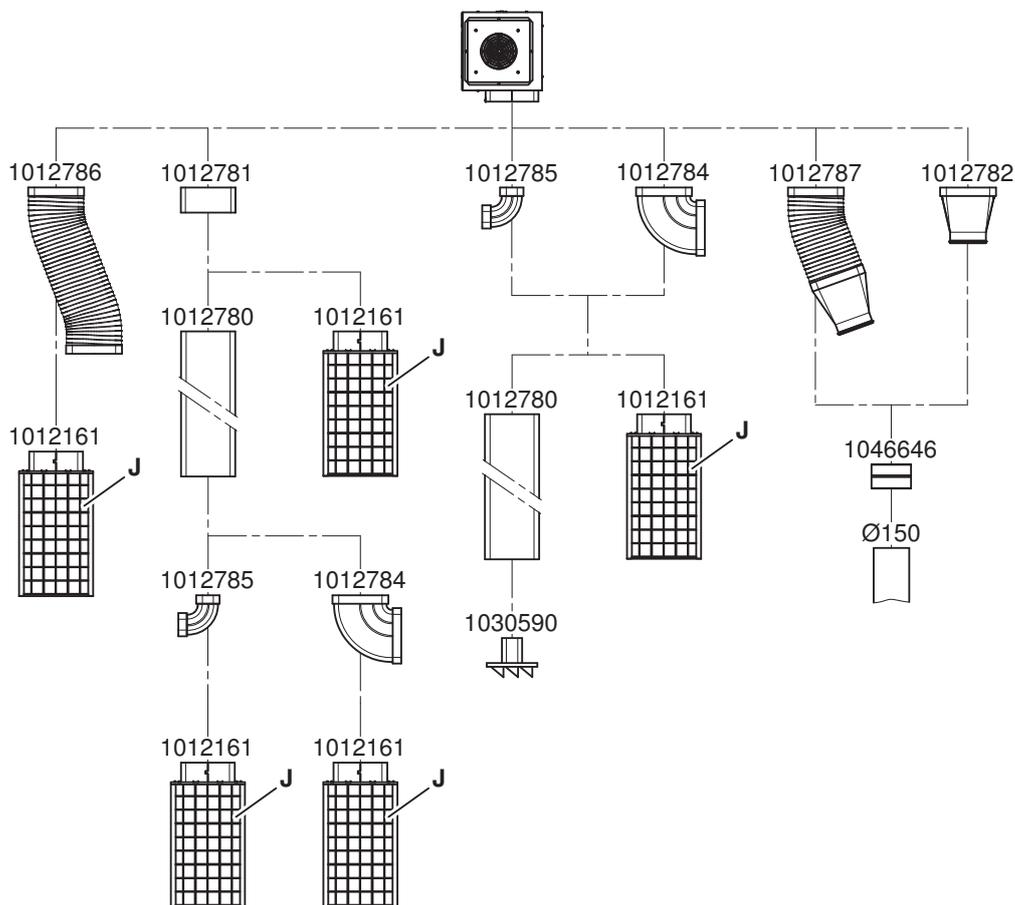


**Check the range hood and exhaust ducting for tightness and noise.**

## Installation type

- ▶ Observe recirculation box **J** and flat channel system options (accessory available for order).
- ▶ The individual components required must be taken into account during planning.

## Plastic accessories



# Installation instructions

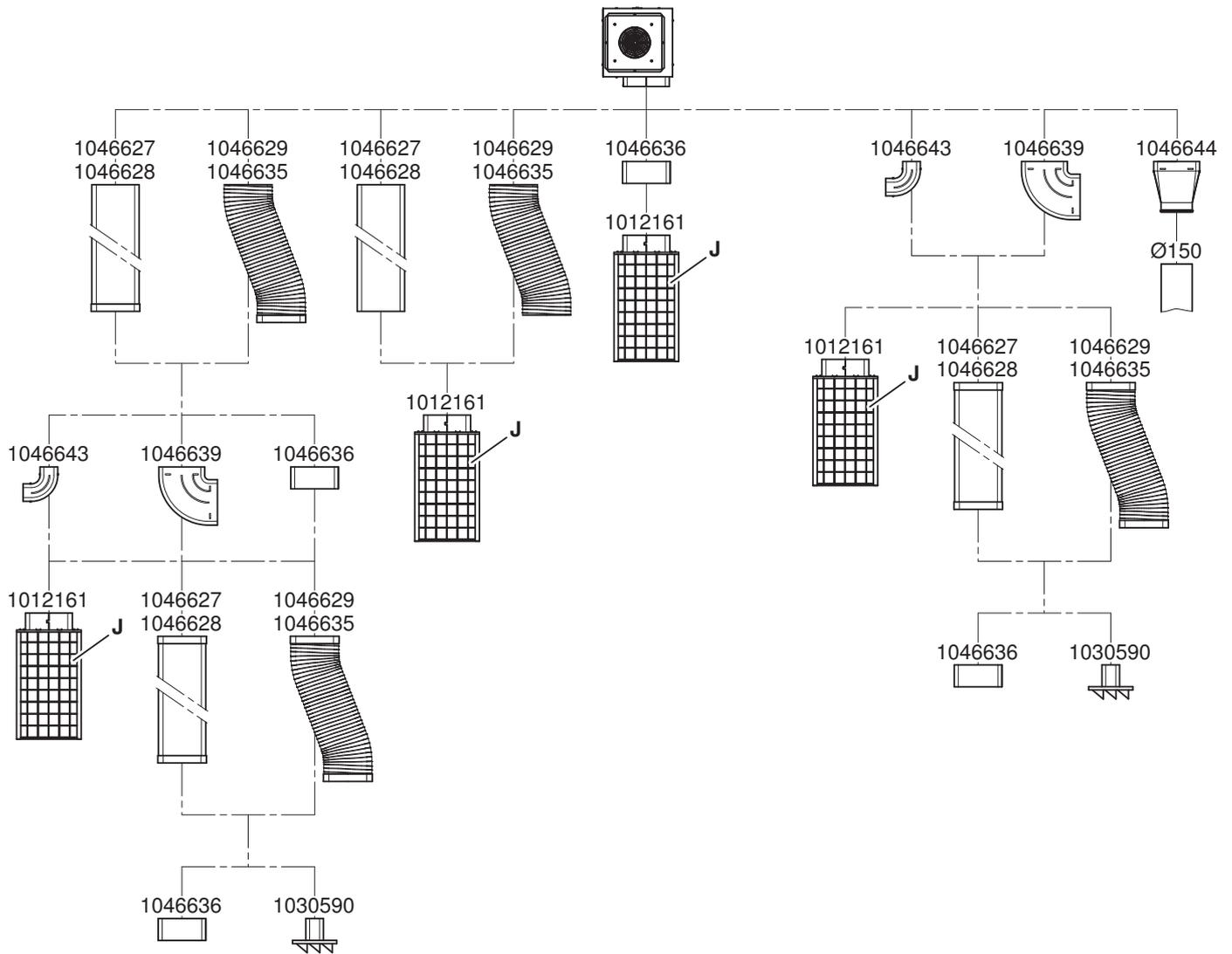
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## Metal accessories



The duct spacers 1077495 prevent the narrowing or compression of the air duct. Hence the use of duct spacers is necessary if accessory 1046627/1046628 is embedded in concrete.

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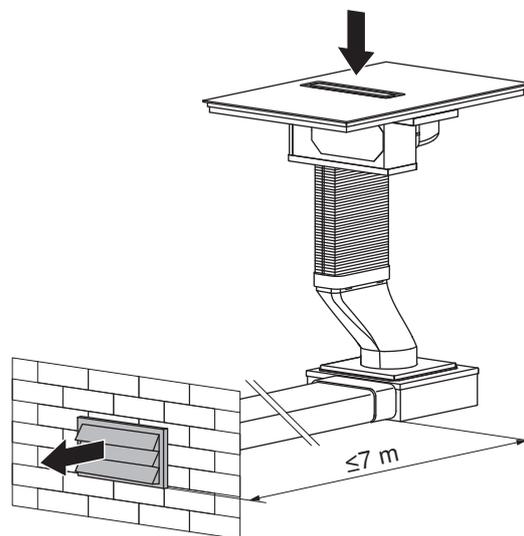
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### Extraction mode

 **There is a danger of toxic fumes developing if the range hood is operated at the same time as an ambient air-dependent firing system!**

 **The conversion kits and suitable flat channel or pipe systems are available for order as accessories.**

- Only use pipes with a smooth inner surface or flexible duct hoses made from non-flammable materials for exhaust duct-work.
- To achieve the greatest possible air extraction with the lowest noise levels, please observe the following:
  - Standard ventilation outlet is by means of flat channel or pipe.
  - The diameter of the exhaust duct pipe must not be less than  $\varnothing 150$ .
  - The exhaust ducting should be as short and straight as possible.
  - Only use connection elbows with large radii.
  - The exhaust ducting must not be kinked or compressed.
  - Make sure that all connections are secure and airtight.

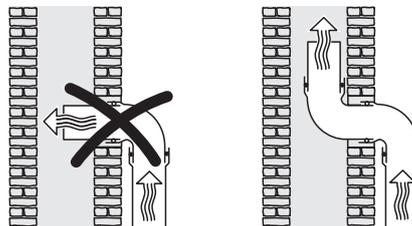


 **Any constriction of the airflow will reduce extraction performance and increase operating noise.**

If the exhaust duct is to be routed outdoors, we recommend installing a telescopic wall pipe H42066.

If the exhaust air is to be ducted into a chimney flue, the intake piece must be aligned with the flow direction of the flue.

- If the exhaust duct runs through cool rooms, lofts, etc., there may be sharp variations in temperature in individual areas. Vapour and condensation is to be expected. This makes it therefore necessary to insulate the exhaust ducting / air duct.



**Recirculation mode**

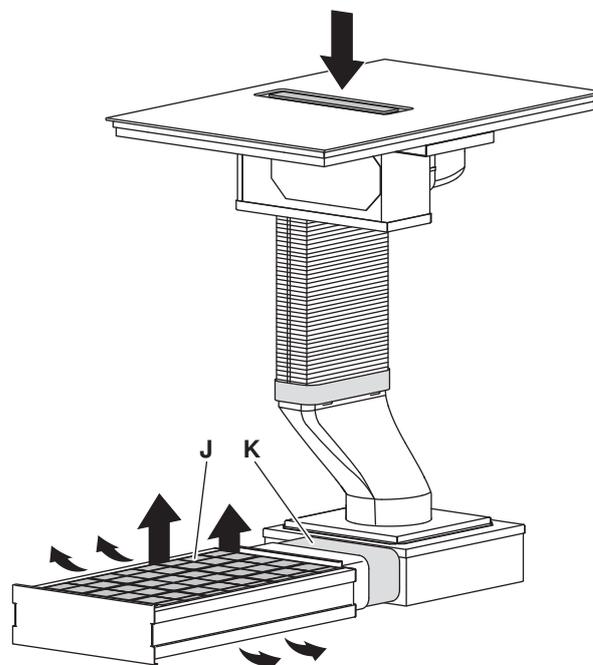
**The conversion kits and suitable flat channel systems are available for order as accessories.**

For recirculation mode, ensure access for maintenance purposes and also ensure the blow-out opening is at least 500 cm<sup>2</sup> (e.g. base recess or lamella base).

If an exhaust air connection is not structurally possible, the range hood must be set up for recirculation operation.

**Recirculation mode with recirculation box**

- ▶ Connect the channel connector **K** to the recirculation box **J**.
- ▶ Hold the  $\odot$  button depressed for 1 second.
  - An acoustic signal is emitted and a message appears in the display.
- ▶ Confirm with OK.
- ▶ Touch  $\odot$ .
- ▶ Select the «Ventilation» user setting.
- ▶ Touch  $\odot$  to change the mode to recirculation air.
- ▶ Confirm the setting with OK.
  - The setting is saved.



**The activated charcoal filters are integrated in the recirculation box 1012161. Activated charcoal filters are not used in the range hood.**

