

INVENTUM IKA8045 Built In Flow In Induction Hob Instruction Manual

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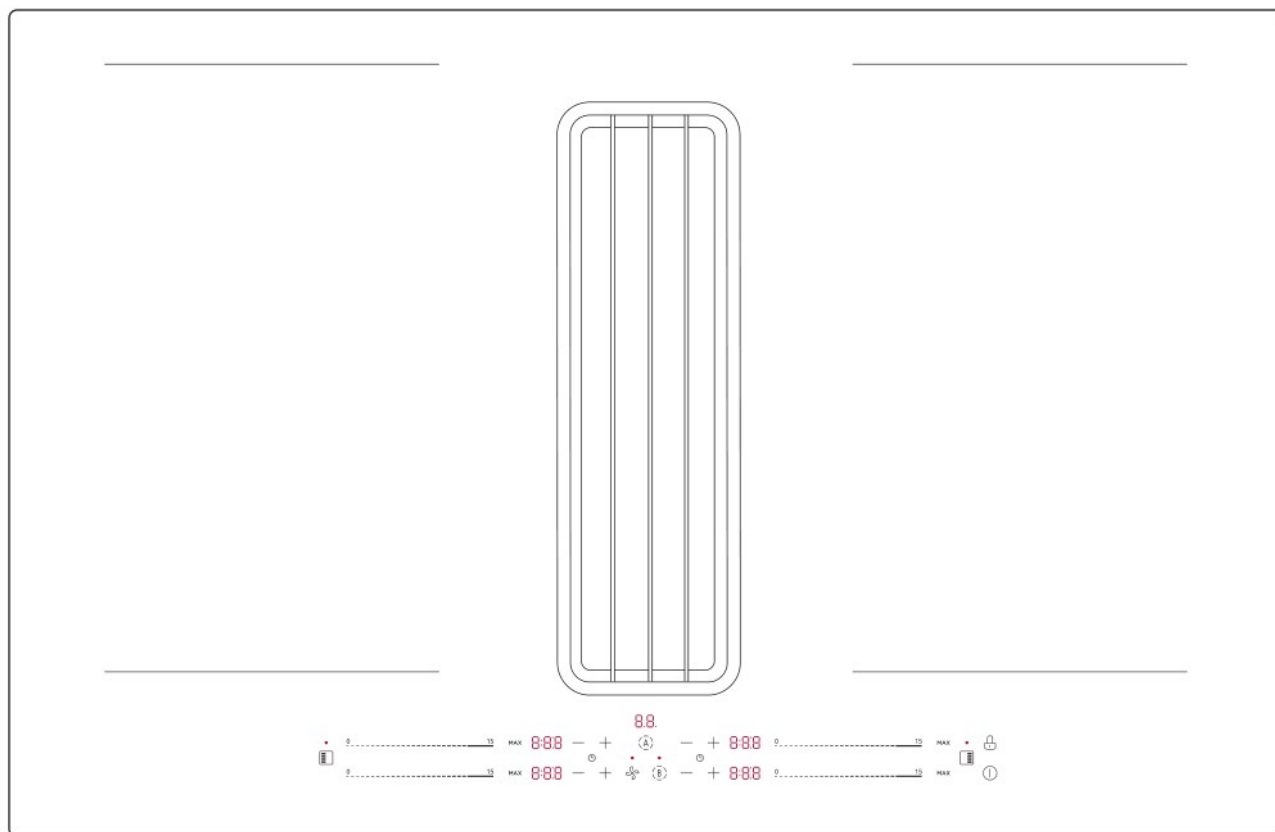
*INVENTUM IKA8045 Built In Flow In Induction Hob
Instruction Manual*

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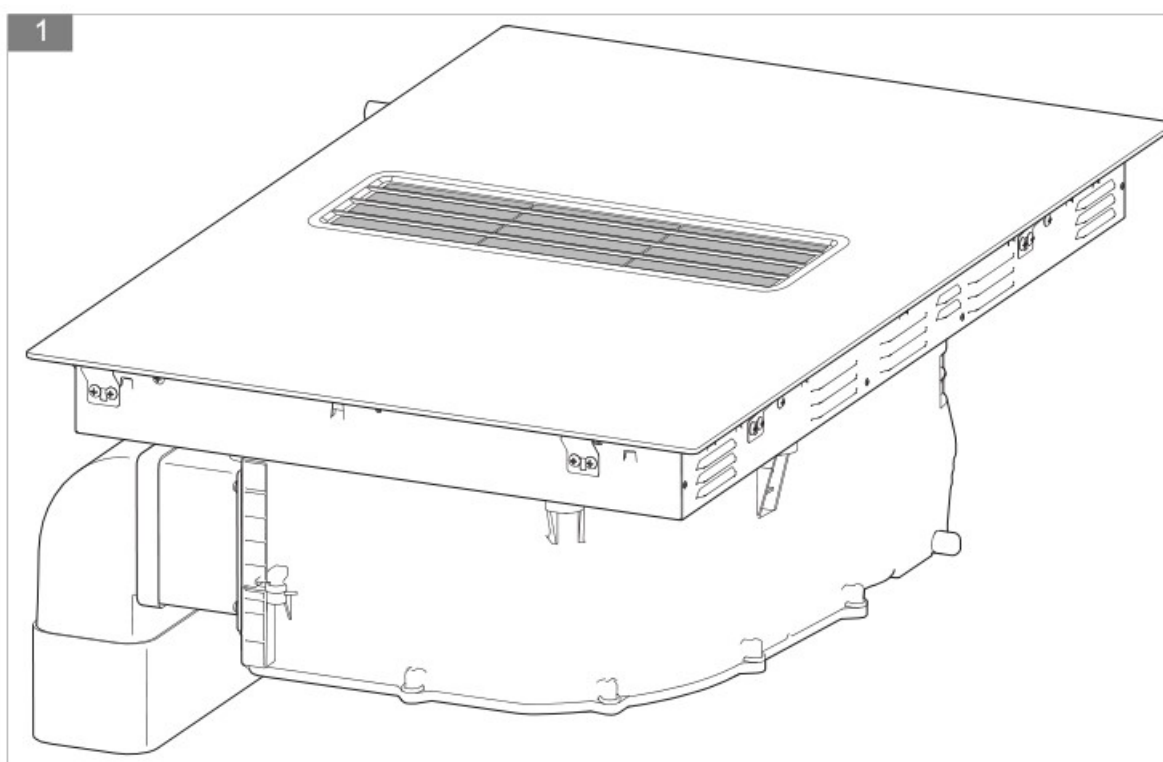
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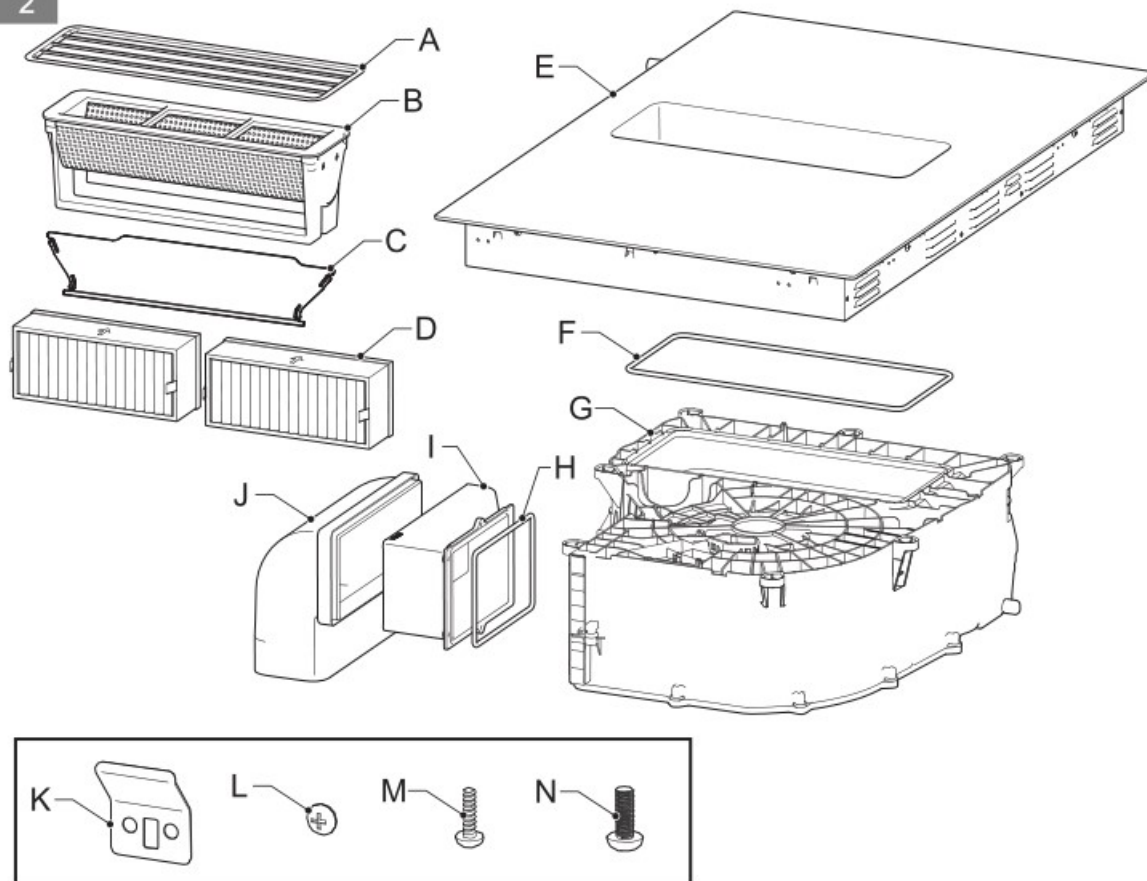
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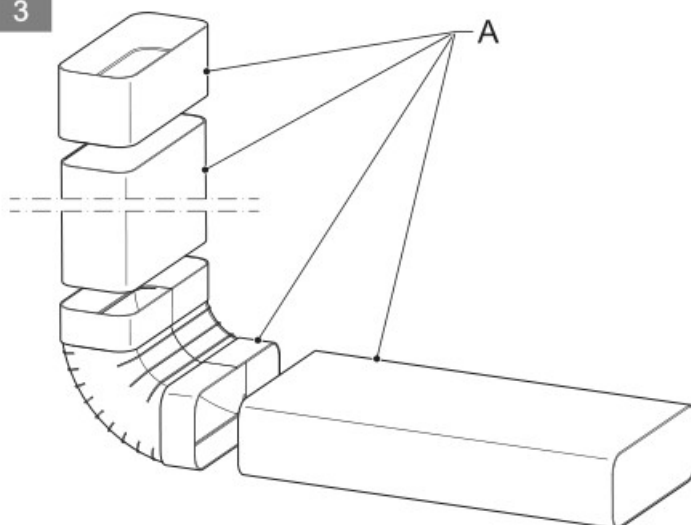
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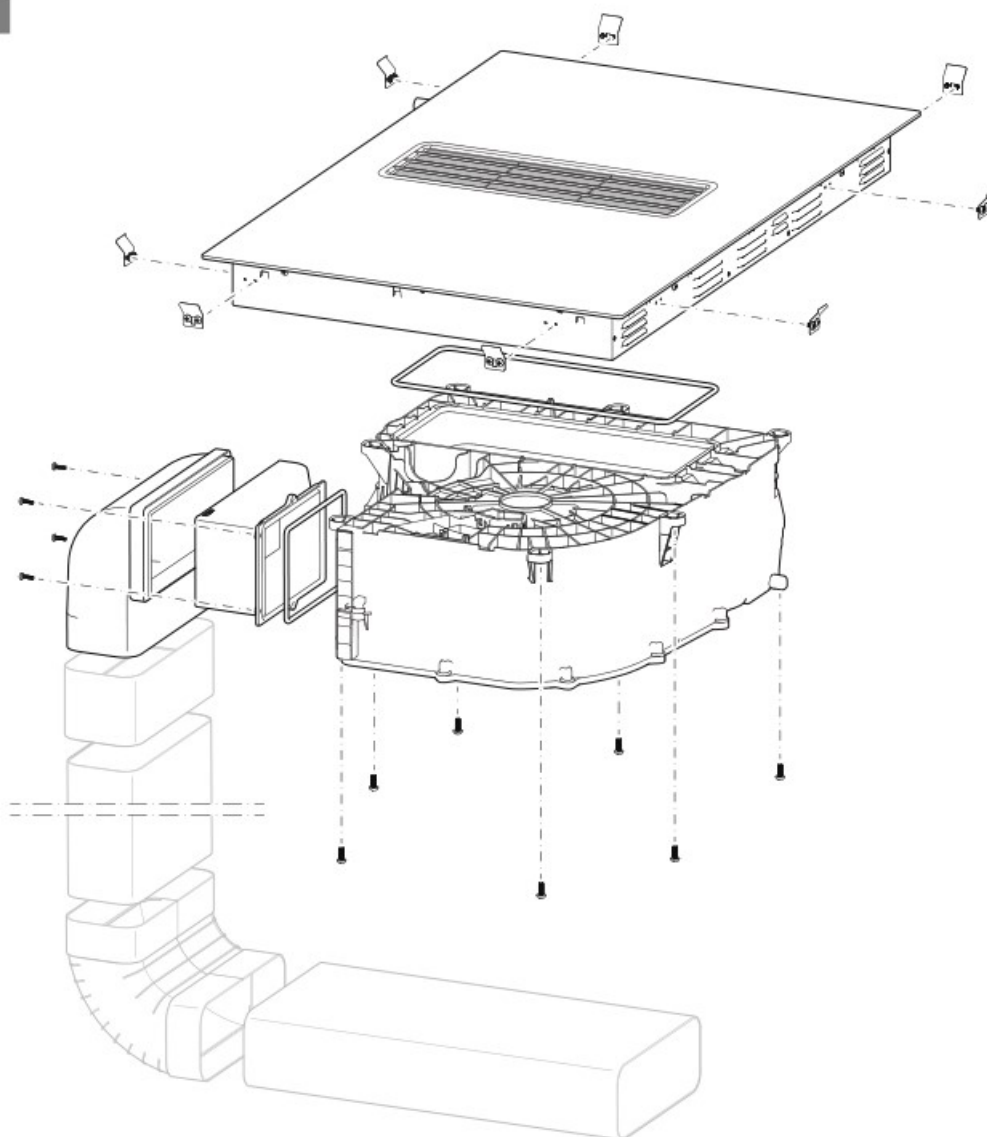
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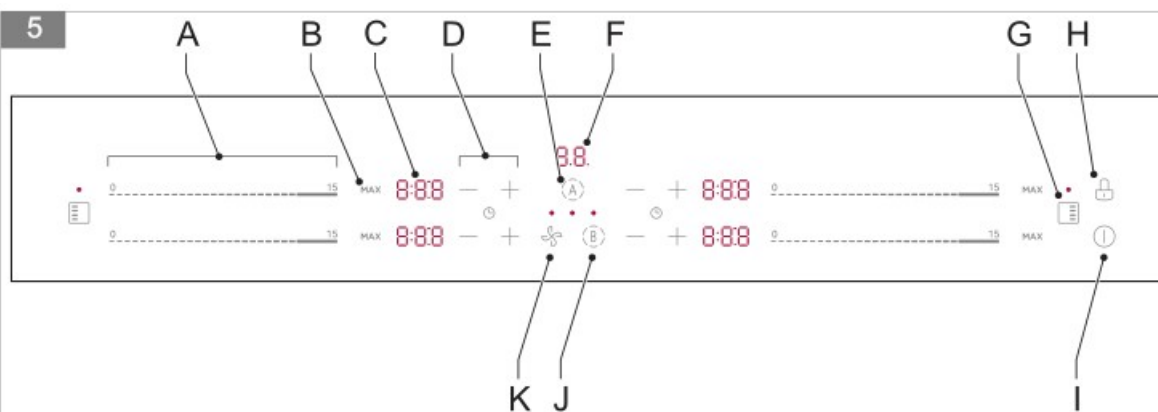
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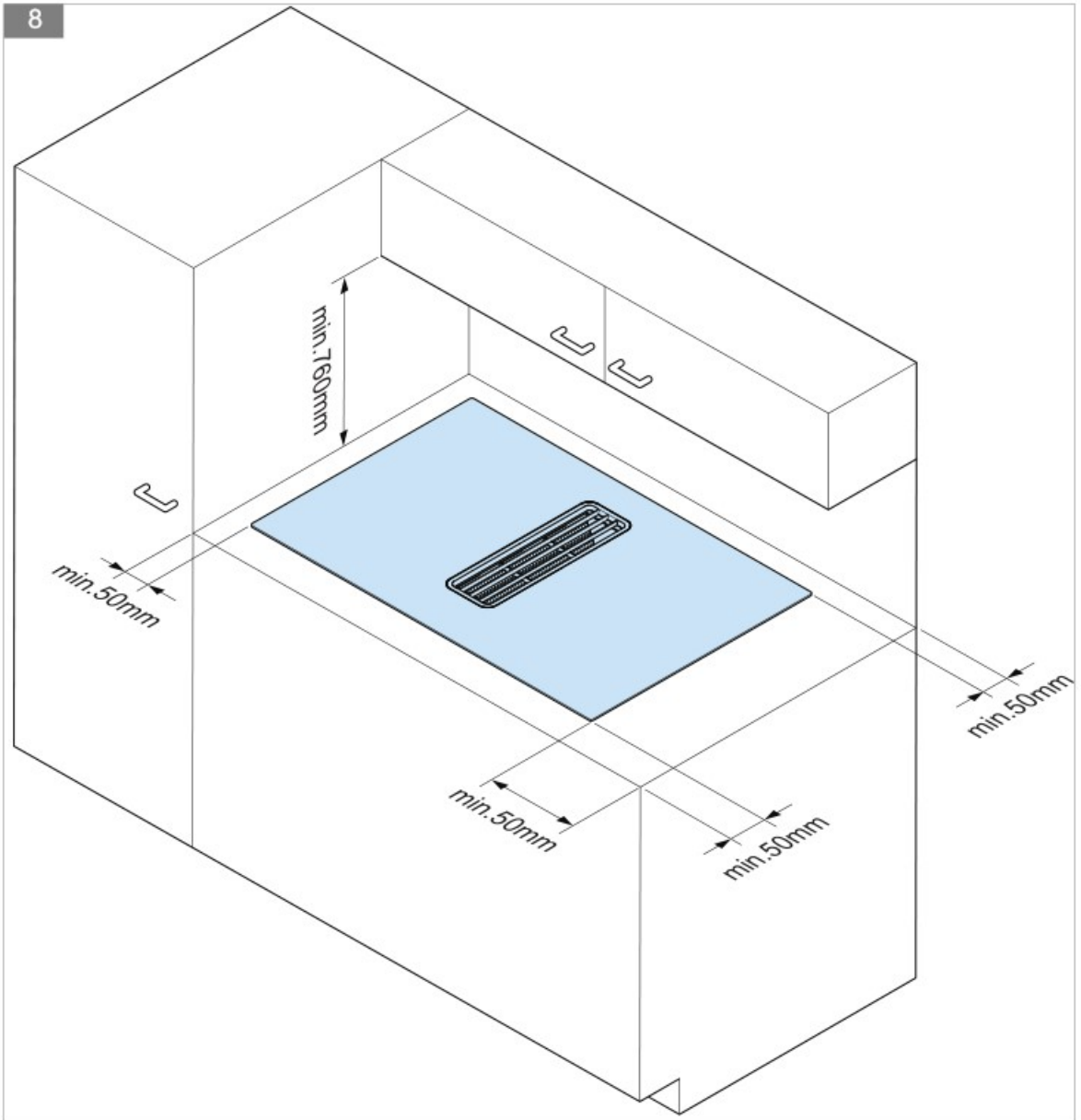


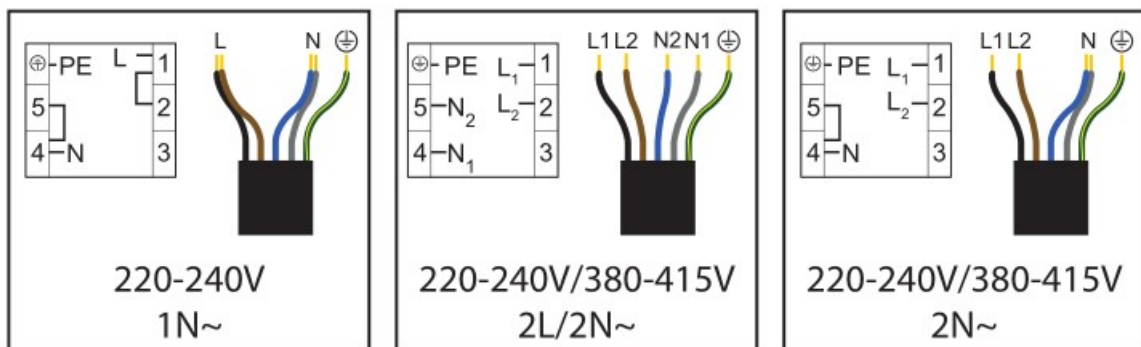
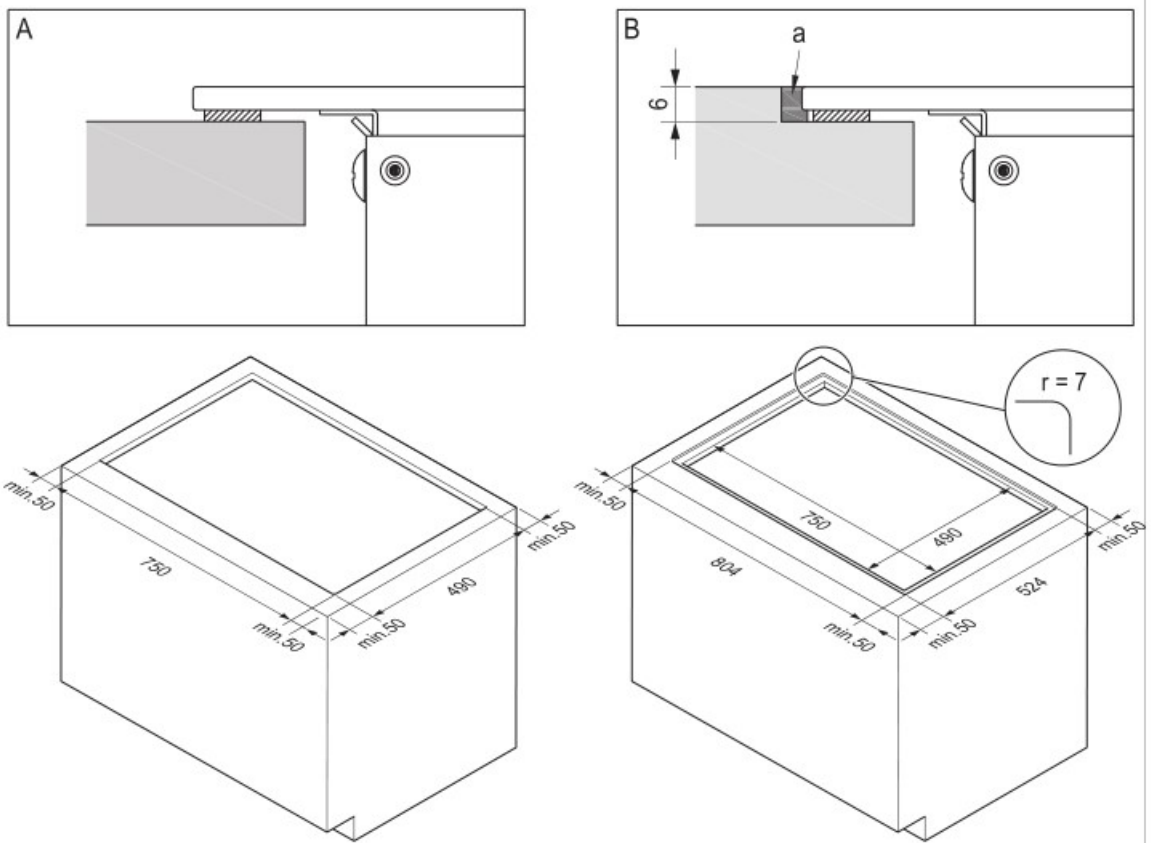
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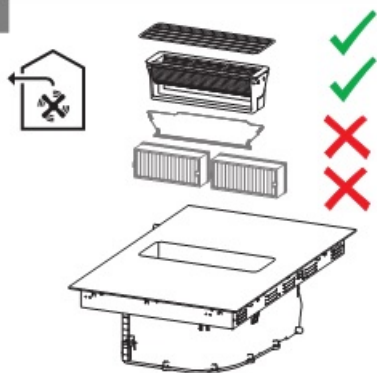


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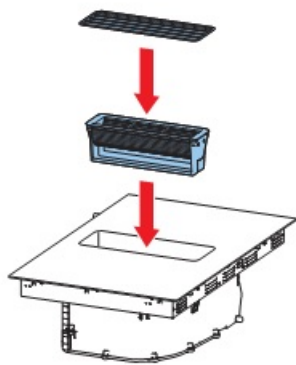




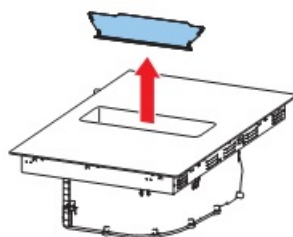




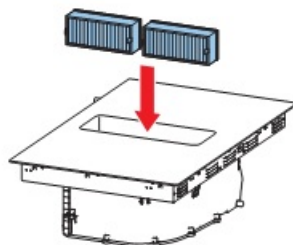
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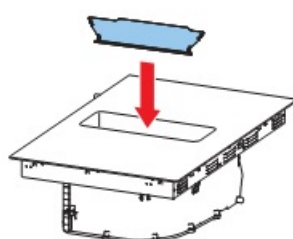
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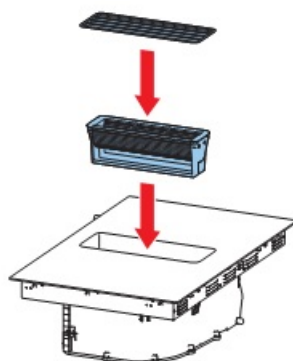
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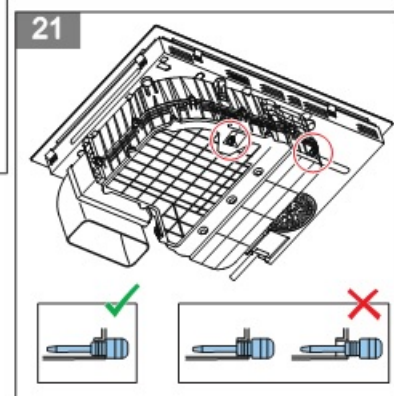
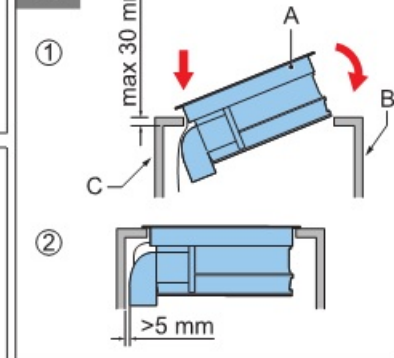
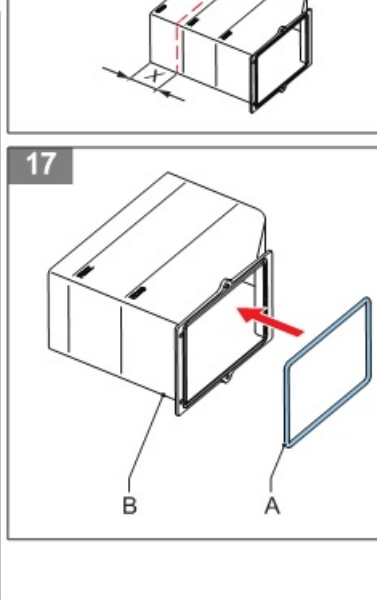
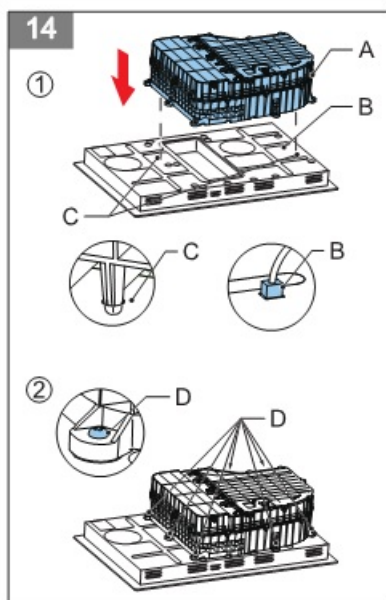
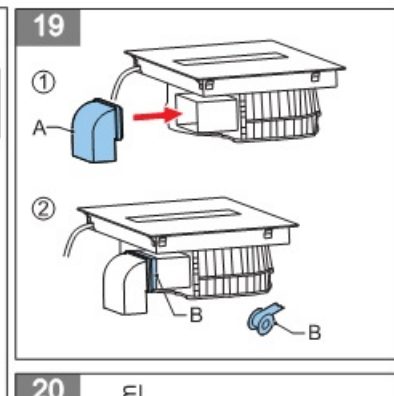
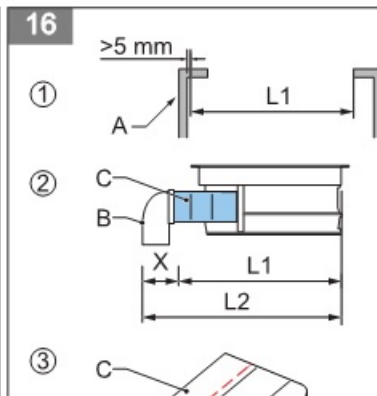
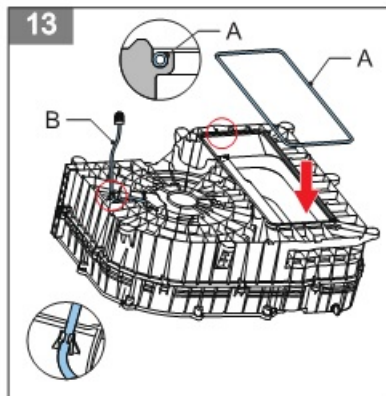
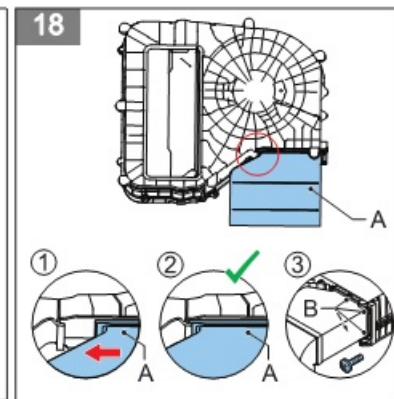
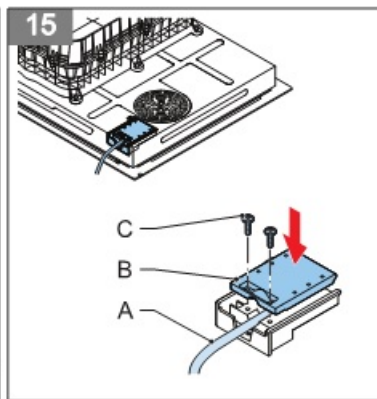
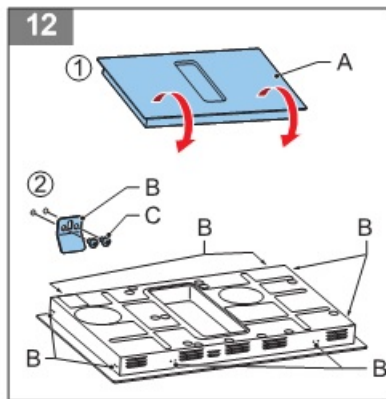


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1 Introduction

HOW TO USE THIS DOCUMENT

1. Read this document completely. Make sure that you know and understand all the instructions.
2. Obey the safety instructions to prevent injury and/or damage to the appliance and its surroundings.
3. Do the procedures completely and in the given sequence.
4. Keep this document in a safe area for future use. This document is a part of the appliance.

SYMBOLS USED IN THIS DOCUMENT

Safety symbol	Function	Description
	Warning	"Warning" means that injury or death is possible if you do not obey the instructions.
	Caution	"Caution" means that damage to the appliance is possible if you do not obey the instructions.
	Note	"Note" is used to give additional information.

2 Safety

LIABILITY

- If the safety instructions and warnings are not observed, the manufacturer cannot be held liable for any resulting damage.
- Damage as a result of incorrect connection, incorrect fitting or incorrect use does not fall under the warranty.
- In case of incorrect installation or connection, the warranty becomes invalid.
- The manufacturer is not liable for the unsuitable operation and possible damage caused by unsuitable electric installations.

- The installer is liable for damage caused during incorrect installation.
- Installation of the appliance flush with the worktop makes the removal of the hob more complicated. The manufacturer is not liable for additional costs for the replacement or removal of the hob.

GENERAL SAFETY INSTRUCTIONS

- Read the manual before installation of the appliance.
- Keep the document in a safe location that you can easily access.
- This document is a part of the appliance.
- Only use this appliance for the purposes described in the manual.
- Do not let children play with the appliance.
- Do not keep objects that might be of interest to children in the cabinets above or behind the appliance.

SAFETY INSTRUCTIONS FOR INSTALLATION

- Only an approved installer can install the appliance.
- Make sure that the installation work follows the instructions in this manual.
- Install the appliance in accordance with national and local safety instructions, guidelines and standards.
- Two persons must install the appliance.
- Do the installation procedures completely.
- Do not change the appliance.
- Be careful, panel edges are sharp.
- Use the correct protective equipment. Refer to the section Personal protective equipment.
- Do not connect the air exhaust pipe to a duct that contains gas or other fuels.

SAFETY INSTRUCTIONS FOR THE ELECTRICAL CONNECTION

- Only an approved electrician can make changes to the domestic wiring system.
- Only an approved electrician can electrically connect the appliance.
- Make sure that the electrical connection meets national and local guidelines and standards.
- Always ground the appliance.
- Make sure that the voltage and power on the data plate at the bottom of the appliance match the main supply values.
- Make sure that the isolating switch, mains socket and mains plug are within reach of the user.
- Do not connect the appliance to the mains supply via a power strip or extension cable.
- Do not bend or compress the mains cable.
- Make sure that the mains cable does not touch a drawer.
- Make sure that the bottom surface and the power cord of the hob are not accessible from the drawers and the cabinets.

SAFETY REQUIREMENTS FOR INSTALLATION

- Prevent damage to the appliance. Install the cabinets first.
- Make sure that the worktop is heat-resistant and insulated.

- Make sure that the worktop does not block the ventilation holes on the outer side of the hob.
- Do not keep flammable objects or material below the appliance.
- Make sure that the bottom of the appliance does not touch the contents of any drawer or cabinet.
- Do not install the appliance above a dish washer or washing machine. Steam can cause damage to the appliance.
- Make sure that the worktop is level and stable.
- Only install the appliance above a drawer or an oven with forced ventilation.
- Make sure that there is a free flow of air if you install the appliance above a drawer or an oven with forced ventilation.
- Do not install the appliance above a dishwasher, refrigerator, freezer, oven without ventilation, washing machine or clothes dryer.
- If you install an oven with forced ventilation below the appliance, make sure that the mains cable goes via the rear corners of the oven to the connection box.
- Make sure that the mains cable does not touch the hot parts of the appliance or an oven.
- Make sure that the temperature of the mains cable does not exceed 75°C at any time.
- Make sure that there is a free flow of fresh air from outside the cabinetry to the base of the hob.
- Assemble the appliance correctly.

PERSONAL PROTECTIVE EQUIPMENT

- Always wear personal protective equipment during installation:
 - Safety hat
 - Safety shoes
 - Safety gloves

3 Description

OVERVIEW OF THE INDUCTION HOB AND COOKER HOOD

(Figure 1)

The figure shows an overview of the induction hob and cooker hood.

WORKING PRINCIPLE INDUCTION HOB

The appliance is used for the induction cooking of food.

Electromagnetic vibrations generate heat via a magnetic circuit that is formed with the pan.

WORKING PRINCIPLE COOKER HOOD

The extraction part of the appliance is used for handling the air of cooking fumes.

The appliance can be installed in two different ways.

Extracting

The cooking fumes are extracted outside.



Warning:

Never connect the pipe to a duct that contains gas or other fuels.

Recirculating

The cooking fumes go through a carbon filter or a plasma filter. The filter purifies the fumes and recirculates these back to the kitchen. A good outflow of the air is necessary.

Extra information



• Note:

New houses in the Netherlands may no longer vent outside.

- For recirculation, it is necessary to use carbon filters or a plasma filter. For more information on the differences between carbon and plasma filters go to the website www.inventum.eu.



• Attention:

The carbon filters and plasma filters are not included. You need to order these separately.

INSTALLATION ITEMS

(Figure 2)

A Grille

B Grease filter

C Carbon filter cover

D Carbon filter

E Induction hob

F Hood gasket

G Cooker hood

H Duct adapter gasket

I Duct adapter

J Corner pipe

K Baffle

L Baffle screw

M Screw

N Screw

OPTIONAL ACCESSORIES



Note: The accessories are not included with the appliance. They are available from the kitchen manufacturer.

(Figure 3)

A Pipes (Naber system)

PRODUCT ITEMS

(Figure 4)

The figure shows the location of all product installation items on the induction hob and hood.

CONTROL PANEL

(Figure 5)

A Slider

B Booster button

C Operation and timer indicator

D Timer controls

E Automatic synchronisation button

F Operation indicator

G Flexible zone button
H Child lock button
I On/off button
J Booster button
K Cooker hood button

Item	Function
Slider	To increase or decrease the power level.
Booster button	To activate the booster mode.
Operation and timer indicator	To show the set power level or the set time.
Timer controls + and -	To set the cooking timer.
Automatic synchronisation button	To activate the automatic synchronisation of the cooker hood.
Operation indicator	To show the speed of the cooker hood.
Flexible zone button	To connect the two cooking zones to one large cooking zone.
Child lock button	To lock or unlock the control panel.
On/off button	To start or stop the appliance.
Booster button	To activate the booster mode on the cooker hood.
Cooker hood button	To activate and set the speed of the cooker hood.

4 Technical specifications

TOOLS AND SUPPLIES

You need these tools and supplies during installation:

- Tape measure.
- Pencil.
- Philips screwdriver.
- Flat head screwdriver.
- Hand saw.

DIMENSIONS OF THE APPLIANCE

(Figure 6)

The figure shows an overview of the dimensions of the induction hob and hood.

MAXIMUM POWER

Depending on the electrical connection and the setting of the power management, the appliance has a maximum power of:

Power	Display		
7.400 watts	PO	74	00
5.800 watts	PO	58	00
4.500 watts	PO	45	00
3.500 watts	PO	35	00
2.800 watts	PO	28	00

5 Installation

SAFETY INSTRUCTIONS FOR INSTALLATION

Read the safety instructions for installation. Refer to section Safety.

REQUIREMENTS FOR INSTALLATION

(Figure 7)

The appliance is suitable for:

- A kitchen cabinet with a minimum depth of 600 mm and a minimum width of 800 mm.
- A working top with a recommended thickness between 20 and 30 mm.
- A cabinet plinth with a minimum height of 100 mm.



Note: There are accessories available for plinths with a height of up to 60 mm. Refer to the website of the manufacturer.

- Drawers inside the kitchen cabinet with a maximum depth of 483 mm.
- Walls around the appliance that are heat resistant to at least 90°C and are easy to clean.

The figure shows an overview of the dimensions of the appliance after installation.

(Figure 8)

- Make sure that the dimensions of the cabinet are suitable for installing the appliance. Refer to the figure.
- There must be a minimum distance of 760 mm between the appliance and the kitchen furniture that is located above the appliance.
- There must be a distance of 50 mm between the appliance and the wall or the sides of the kitchen furniture.
- Do not install the appliance with kitchen furniture on both sides that is higher than the appliance.
- Make sure that the glue that is used for the cabinets and the worktop is heat resistant to at least 150°C.
- Make sure that the walls around the appliance are heat resistant to at least 90°C.
- Do not use wooden decoration plates or boards.



Warning:
Obey the requirements for installation.

UNPACK THE APPLIANCE

1. Remove the packaging.



Caution:

Make sure that you remove all labels and stickers from the ceramic glass.

2. Examine the appliance for damage.
3. Make sure that the voltage of the environment is the same as on the type plate.

PREPARE FOR INSTALLATION

(Figure 9)

1. Make sure that the worktop is prepared according to the dimensions of the induction hob.
2. You can install the appliance on top or flush with the worktop. Removal of the hob is more complicated if you install the appliance flush with the worktop. The manufacturer is not liable for additional costs for the replacement or removal of the hob.
 - Use the dimensions A if the appliance must be on top of the worktop.

- Use the dimensions B if the appliance must be flush with the worktop.
3. Make sure that the cabinet is prepared according to the dimensions of the cooker hood.

INSTALL THE BAFFLES ON THE INDUCTION HOB

(Figure 12)

1. Put the induction hob on a smooth surface with the glass plate pointing down. Caution: Make sure not to scratch or break the glass.
2. Fasten the baffles on the sides of the induction hob. Refer to the figure for the positions of the baffles.

PREPARE THE HOOD FOR ASSEMBLY

1. Put the connection cable in the cable holder.
2. Put the hood gasket on the hood.



Caution:

- Make sure to use the correct gasket.
- Make sure that the gasket is correctly attached before you continue to the next step.

(Figure 13)

ASSEMBLE THE HOB AND THE HOOD

1. Attach the connection cable of the hood to the hob.
2. Put the hood on the hob.
3. Make sure that the connection feet align with the holes in the hob.
4. Tighten the screws in the connection feet to attach the hood to the hob.

(Figure 14)

WIRE THE ELECTRICAL CONNECTION BLOCK

(Figure 10)

1. Obey the safety instructions for the electrical connection. Refer to section Safety instructions for the electrical connection.
2. You can connect the appliance to the mains supply with a single-phase, two-phase or three-phase electric connection.
 - Refer to Figure A for the single-phase wiring diagram.
 - Refer to Figure B for the two-phase wiring diagram.
 - Refer to Figure C for the three-phase wiring diagram.
3. Add bridges for one- and three-phase connections.
4. Make sure that the wiring of the electrical connection block corresponds with the data in the wiring diagram.
5. Make sure that the chosen phase wiring complies with the technical system in the domestic meter cupboard.
6. Make sure that the groups in the meter cupboard are protected with at least a 16 Ampere fuse.
7. Make sure that the chosen phase wiring complies with the connecting power cable.

PUT THE STRAIN RELIEF ON THE ELECTRICAL CONNECTION BLOCK

1. Put the cover with the strain relief over the electrical connection block and power cable
2. Tighten the screws to fasten the strain relief.

(Figure 15)

SHORTEN THE DUCT ADAPTER

(Figure 16)

1. Measure the distance L1. That is the distance between the back wall and the front side of the cavity in the worktop.
2. Measure the distance L2. That is the depth of the appliance with the duct adapter and the corner pipe.
3. Calculate the distance X. That is L2 minus L1.
4. If the distance X is less than 5 mm, cut the duct adapter at distanceX to shorten it. Use the handsaw.

PUT THE GASKET ON THE DUCT ADAPTER

1. Put the duct adapter gasket on the duct adapter.



Caution:

- Make sure to use the correct gasket.
- Make sure that the gasket is properly attached before you proceed to the next step.

(Figure 17)

ATTACH THE DUCT ADAPTER TO THE HOOD

1. Slide the duct adapter on the hood.
2. Install the screws.
3. Tighten the screws to fasten the duct adapter.

(Figure 18)

ATTACH THE CORNER PIPE TO THE DUCT ADAPTER

1. Slide the corner pipe over the duct adapter.
2. Put tape around the edge of the corner pipe to attach it to the duct adapter.

(Figure 19)

PUT THE APPLIANCE IN THE WORKTOP

1. Tilt the appliance. Make sure that the air duct on the rear of the appliance points down.
2. Put the rear of the appliance in the opening of the worktop.

3. Lower the front of the appliance on the worktop.

(Figure 20)

PUT THE WATER DRAINAGE PLUG IN THE HOOD

1. Put the plugs into the holes.
2. Make sure that the plugs are installed correctly. Refer to the figure.

(Figure 21)

INSTALL THE FILTERS AND THE GRILLE

(Figure 11)

You can install the appliance so that the air is extracted or recirculated. Refer to section Working principle cooker hood. Select the procedure for air extraction or recirculation to install the filters and the grille.

Extraction

1. Collect the installation parts.
2. Pull the carbon filter cover straight up to remove it.
3. Pull the tabs of the carbon filters to remove the filters.
4. Put the grease filter in the cavity of the induction plate.
5. Put the grille on top of the grease filter.

Recirculation

1. Collect the installation parts.
2. Pull the carbon filter cover straight up to remove it.
3. Turn the carbon filter so that the tabs point to the right side.
4. Put the carbon filters in the hood below the original position of the carbon filter cover.
5. Push the carbon filters to the left side into the correct position.



Caution:

Make sure that the carbon filters are installed correctly.

6. To attach the carbon filter, push it down until it clicks.



Caution:

Make sure that the carbon filter cover is installed correctly.

7. Put the grease filter in the cavity of the induction plate.
8. Put the grille on top of the grease filter.

INSTALL THE AIR EXHAUST PIPES FOR EXTRACTION

If you use the extraction method, you must install the air exhaust duct. To install the air exhaust duct, do the steps that follow.

1. Make sure that the air exhaust is as straight and as short as possible. If you use long pipes with lots of bends

or if you use pipes with a diameter smaller than the outlet of the motor, you decrease the performance of the appliance and increase the noise that is produced.

2. Follow the installation instructions of the manufacturer of the pipes.

CONNECT THE APPLIANCE

1. Obey the safety instructions for the electrical connection. Refer to the section Safety instructions for the electrical connection.
2. Install the appliance to a regular omnipolar isolating switch with a minimum opening of 3mm between the contacts to assure the complete disconnection of the mains supply under category III over-voltage conditions.
3. Connect the appliance to the mains supply.

After connecting the display of the appliance lights up for a short time. The appliance is ready for use.

SET THE HOOD OPERATION MODE

The default mode of the appliance is the air extraction mode. To select the air recirculation mode, do the steps that follow.

1. Make sure that the appliance is in the power-off state.
2. Press the child lock button for 3 seconds. The letter L will appear on the operation indicator when the appliance is locked.
3. Press the automatic synchronisation button for 3 seconds. The buzzer sounds.
 - The letters OU will appear on the operation indicator if the appliance is in air extraction mode.
 - The letters IN will appear on the operation indicator if the appliance is in air recirculation mode.
4. Press the child lock button to change the operation mode. 5. Press the on/off button to set the operation mode. The appliance turns on.

SET THE MAXIMUM POWER

Setting the power management

Use the power management mode to set the total maximum power of the appliance.



Note:

As a default, the appliance is set to 7.4 kW. The possible settings are: 2.8, 3.5, 4.5, 5.5 or 7.4 kW.

1. Do not turn on the appliance. Activate the child lock in the power off state.
2. Press the rear left Boost button for 3 seconds. The buzzer sounds.
3. Press the front left Boost button for 3 seconds. The buzzer sounds and the current value appears.
 - The letters PO will appear in the operation indicator of the rear left cooking zone.
 - The digits 74 will appear in the operation indicator of the front left cooking zone.
 - The digits 00 will appear in the operation indicator of the front right cooking zone.
4. Change the value to the correct setting by using the child lock button.



Note:

To stop setting the power management, do not touch a button for 60 seconds.

5. Press the on/off button to confirm the setting.

The hob will be turned off.

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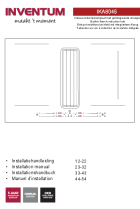
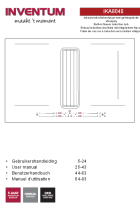
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Documents / Resources

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References

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