

# LAMONA

at the heart of the kitchen

## Induction Hob

LAM1804



## Installation Instructions

ISSUE v1.1 230224

Register   
my appliance

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# LAMONA

**3 year guarantee available.  
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**By registering your appliance and creating an account, we will keep you up to date with the latest product information and notify you immediately of any important product updates**

<sup>1</sup>Lines are open Monday to Friday 9am to 5pm. Calls will be charged at your local rate and may be recorded and monitored for training and quality purposes.

<sup>2</sup>So that in the event of an important product update, or recall, we can contact you.

**Register**   
**my appliance**

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# Welcome

Dear Customer

Congratulations on your choice of a **Lamona** appliance.

- This **Lamona** appliance complies with all current local and national safety requirements. However, inappropriate use could lead to personal injury and damage to property.
- Please read the instructions carefully before using the **Lamona** appliance. They contain important information on safety, use and maintenance. This prevents both personal injury and damage to the appliance.
- It is important that these **Installation Instructions** supplied with this **Lamona** appliance are followed carefully.
- Please keep these instructions in a safe place for your future reference.

This appliance is intended to be used in household and similar domestic applications, see guarantee page (in the User Instructions), for definition of domestic use\*.

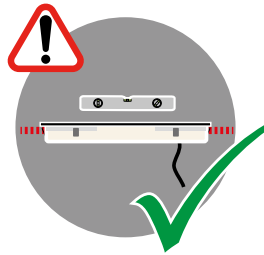
Throughout this manual the following symbols are used.

	Warning for serious injury or death risk.		Warning for risk of fire / flammable materials.
	Warning for electric shock.		Warning for injury or property damage risk.

# Safety Information



**WARNING!** This hob must be connected to an earthed mains supply in accordance with the product technical specifications.



The Hob must be fixed securely and level.



**Do not** install a damaged appliance.



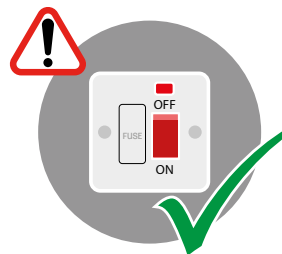
**NOTE:** If the electricity cable is damaged it must be replaced by a competent person.



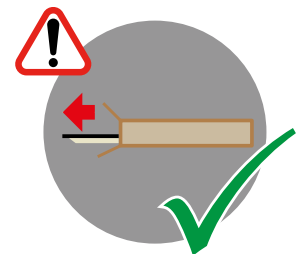
**WARNING!**  
**Do not** extend the power cable.



Risk of injury:  
Beware of metal edges/exposed electrical wiring.



The isolation switch must be easy to access.



Ensure packaging and transit protectors are removed.

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## Warnings



This **Lamona** induction hob complies with all relevant local and national safety requirements. However, improper use may result in personal injury and material damage. Before using the your induction hob, carefully read and follow the operating and installation instructions. They contain crucial information on safety, installation, usage and maintenance. This will help prevent both personal injury and hob damage.

**Lamona** expressly and strongly advises that you thoroughly read and adhere to the instructions in the installation section, as well as the safety instructions and warnings. **Lamona** cannot be held responsible for any injury or damage resulting from non-compliance with these instructions.

Please store these instructions in a secure place and ensure they are passed on to any future owner.

## References and Tools Required



### Installation and repairs

- For technical safety; installation, maintenance and repairs should only be carried out by a suitably qualified, authorised technician in accordance with the installation instructions and local regulations. Failure to do so may void the guarantee. Use only **Lamona** service technicians for warranty repairs.
- This induction hob must be correctly connected to an earthed mains electricity supply in accordance with these installation instructions.
- The manufacturer shall not be held responsible for damages arising from incorrect installation or maintenance. This will void the guarantee. Use only genuine **Lamona** replacement parts.

## Correct Application

This **Lamona** induction hob is intended for built-in domestic kitchen use and similar environments. Outdoor use is strictly prohibited. Its primary purpose is to cook food and keep it warm.

- Commercial use of this appliance will void the guarantee. Any other use is not supported by the manufacturer and could be dangerous. The manufacturer shall not be held liable for any damage caused by improper use.
- This hob is not intended for use by people with reduced physical, sensory or mental capabilities unless they have received proper supervision and instruction from someone responsible for their safety.
- Do not use this appliance as a heater to warm a room.

## Safety Instructions

Please follow these safety instructions carefully, to reduce the risk of damage, accidents and injuries.



### Safety with Children

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- Use the child lock feature to prevent children or pets from activating any of the 'touch keys'.
- Children under 8 years of age must be kept away from the hob unless they are constantly supervised.
- Children over 8 years of age may use the hob without supervision if its operation has been clearly explained to them, and they are able to use it safely. They must be able to understand and recognise the possible dangers caused by incorrect operation.
- Children must not be allowed to clean the induction hob unsupervised.
- Please supervise children in the vicinity of the hob and do not let them play with it.
- The hob gets hot when in use and remains hot for a while after being switched off. Keep children well away from the appliance until it has cooled down and there is no danger of scalds /burns.
- **Danger of burns:** Do not store anything which might arouse a child's interest in storage areas above or behind the hob. Otherwise, they could be tempted into climbing onto the appliance with the risk of burning themselves. Ensure saucepan handles stay out of the reach of children.
- **Risk of burning and scalding.** Place pots and pans on the cooking zone in such a way that children cannot pull them down and burn themselves.
- **Danger of suffocation!** While playing, children may become entangled in packaging material (such as plastic wrapping) or pull it over their head with the risk of suffocation. Keep packaging material away from children.
- Keep tools, nails and fasteners etc. out of the reach of children.



### Installation Environment

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- The hob must not be used in a non-stationary location or behind a closed cabinet door while in use, as heat and moisture can build up, leading to potential damage. Never open the induction hob casing.
- Keep all ventilation slots beneath the hob clear of obstruction as this may cause damage or failure of the appliance. Sufficient supply of inlet air must be provided as shown in these installation instructions.
- Always make sure that the room climate is normal and comfortable (45 - 60% humidity).
- Only use in enclosed spaces up to a maximum height of 4000 meters above sea level.



### Safety During Use/Testing

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- Never use the appliance when your judgement or coordination is impaired by the use of alcohol and/or drugs.
- Do not use pans with jagged edges or drag pans across cooking zones; this can scratch the glass.
- Never try to extinguish a fire with water, switch off the appliance and cover the flame with a lid.
- **Risk of burns:** During use accessible parts of this appliance will become hot enough to cause burns.
- **Risk of burns:** Do not let any part of your body, clothing or any items other than suitable cookware contact the ceramic glass until the surface is cool.
- Use appropriate cookware. Ensure pots and pans are placed correctly on the cooking zones.
- Never allow the induction hob to operate unattended. Spillovers can ignite. High hob power settings rapidly achieve very high temperatures.
- When using, pay attention to the heat-up speed of the cooking zones. Avoid boiling pans dry as there is a risk of the pans overheating!

## Safety Instructions (Continued)

Please follow these safety instructions carefully, to reduce the risk of damage, accidents and injuries.

- Do not rely on the pan detection feature to turn off the cooking zones when you remove a pan. Check the zone is off after cooking.
- The hob must not be used when pyrolysis operation is taking place in a built-in oven below the hob.
- Do not leave the hob unattended during deep-fat frying. The hob gets hot and remains hot after use. A residual heat warning "H" to warn of the hot surface.
- Flambéing is not permitted. Constant supervision is essential when deep fat frying.
- Do not place empty pots and pans on cooking zones which have been switched ON.
- Take care when using simmering pans as simmering water may dry up unnoticed, resulting in damage to the cookware and to the hob for which no liability will be assumed.
- Take care when using other wired electrical kitchen appliances e.g. Kettle. Power cables must not come into contact with hot cooking zones.
- Do not put aluminium foil or plastic onto the cooking zones. Keep everything that could melt, e.g. plastics, and in particular sugar and sugary foods away from hot cooking zones. Use a special glass scraper to immediately remove any sugar from the hob (when it is still hot) in order to avoid damage to the appliance.
- **Risk of burns:** Metal items (knives, forks, spoons etc.) must never be placed on the induction hob surface as they may become very hot.
- **Risk of burns:** Handles of saucepans may become hot to touch. Check that handles do not overhang other cooking zones that are on.
- **Risk of burns:** Metal items worn on your body may become hot in the immediate vicinity of the induction hob. This risk does not apply to objects made from gold, or silver (e.g. rings).
- **Risk of fire:** No combustible material or products should be placed on this appliance at any time.
- Do not place combustible, inflammable or heat deformable objects directly underneath the hob.
- Overheated fats and oils may spontaneously ignite, do not leave unattended. Always supervise the preparation of food with fats and oils. Never extinguish ignited fats and oils with water! Switch the hob OFF and then carefully cover the flame with a lid or an extinguisher blanket.
- Do not leave the hob unattended when boiling or flash frying.
- Never use the hob to heat up unopened tins of food or packaging made of material compounds. The power supplied may cause them to burst!
- If food boils over onto the 'touch keys', power down the hob using the OFF key. Never put anything (pans, tea towels etc.) onto the 'touch keys'.
- Do not cover the 'touch keys' with hot pots or pans, this will cause the appliance to switch OFF automatically.
- Place the pan as close to the centre of the cooking zone as possible.



### Safety After Cooking/Testing

- Make sure that each cooking zone is turned off by selecting each zone and setting it to level 0.
- Switch the hob off using the ON/OFF touch key.
- If you forget to switch off a cooking zone after removing the pan, the Auto Shutdown feature should turn off the cooking zone automatically. **You should do not rely on this.** See User Instructions, p26.
- If the hob is unresponsive and cannot be switched OFF due to a defect with the touch keys, immediately disconnect or isolate the hob from the mains electricity supply and call the LAMONA Service Line.

## Safety Instructions (Continued)

### General Safety

- Whenever possible, use the back cooking zones for large pans so that the 'touch keys' are not heated up too much.
- Do not place two pans on one cooking zone.
- Do not use the hob as a work surface, or place anything on the control panel.
- **Risk of fire:** Never store items on the hob, it must never be used for storage.
- The glass ceramic surface of the hob is extremely robust. You should however, avoid dropping hard and heavy objects onto it. Sharp objects which fall onto the hob may crack the surface.
- **Do not cook on a broken or cracked hob surface.** There is a risk of electric shock if the glass hob develops features, cracks, tears or damage of any other kind. Immediately switch OFF the appliance. Disconnect from the mains immediately and call the LAMONA Service Line.
- Only use hob guards designed for use with this appliance. The use of inappropriate guards can cause damage and accidents.

### Electrical Safety

- See page 15, "Electrical Connection."

### Cleaning

- The hob should be switched off at the wall before any cleaning is carried out.
- Do not use scourers or any other harsh abrasive cleaning agents, these can scratch the ceramic glass surface.
- Never clean the induction hob with a steam cleaner or similar appliance as steam can reach electrical components and cause damage.
- Never wash the appliance with excessive amounts of water as there is a risk of electric shock.
- **Fire hazard:** If fitted, Clean the grease filter regularly, a filter that is heavily saturated with fat could ignite.
- Keep the 'touch keys' clean as the hob may consider dirt to be finger contact.

### Problem Solving

- Do not carry out any repairs or modifications on this induction hob. You may however, remedy some problems that do not require any repairs or modifications. See User Instructions, "Problem Solving", page 27.





## Waste Regulation and Caring for the Environment

### Disposal of Old Product - WEEE Directive Compliance:

This product complies with the EU WEEE Directive (2012/19/EU) and bears a classification symbol for waste electrical and electronic equipment (WEEE).

Do not dispose of the waste product with normal domestic and other wastes at the end of its service life. Take it to the collection centre for the recycling of electrical and electronic equipment. Check with your local authorities to find out about these collection centres.

Appropriate disposal of used appliances helps prevent potential negative consequences for the environment and human health.

### Disposal of Packaging Material and Packaging Information:



The packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials with domestic or other wastes. Take them to the designated packaging material collection points provided by the local authority.

Recycling the packaging reduces the use of raw materials in the manufacturing process and reduces waste in landfill sites.

### Disposal of Old Appliance - Caring for the Environment:

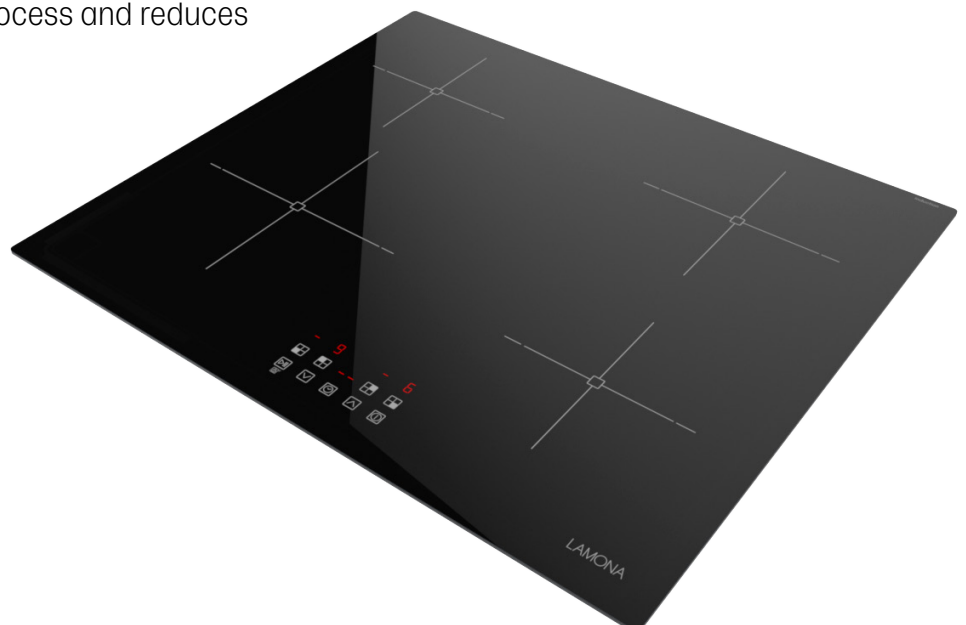
Electrical and electronic appliances often contain valuable materials and specific components that could be hazardous to human health and the environment if disposed of with household waste or handled incorrectly.

Do not dispose of your old appliance with your household waste. Instead, dispose of it at your local community waste collection/recycling centre for electrical and electronic appliances, or seek advice from your dealer or manufacturer (**Lamona**).

Before disposal, make sure to delete any personal data that may be stored on the appliance to protect your privacy and ensure your old appliance poses no risk to children while being stored prior to disposal.











By following these waste regulations and environmentally friendly practices, you can contribute to the responsible disposal and recycling of electrical and electronic products, promoting sustainability and protecting the environment.



## Before Installing

### Consider the following:

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-  **Check that all packaging; wrappings, stickers/labels and protective film has been removed from the appliance.**
-  **Inspect the hob before installation.**  
Do not install the appliance if the hob or power cable is damaged. Call the Lamona Service Line.
-  **Risk of damage from incorrect installation.**  
Incorrect installation can cause damage to the induction hob casing and electronics.
-  **The room in which the induction hob is installed must conform to all relevant local and national building regulations and safety regulations.**
-  **Observe carefully the safety clearances listed on the following pages.**
-  **Damage from falling objects.**  
Take care not to damage this appliance when fitting wall units or a cooker hood above it. Fit the wall units and the cooker hood before you install the induction hob.
-  **Ensure that the hob surface is clear of abrasive items/materials.**  
Wipe down if necessary with a soft damp cloth.
-  **Ensure that the power cable will reach the mains power spur and isolation device.**



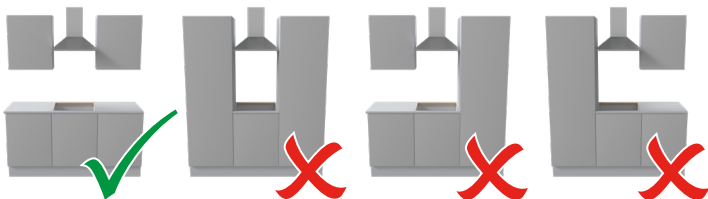
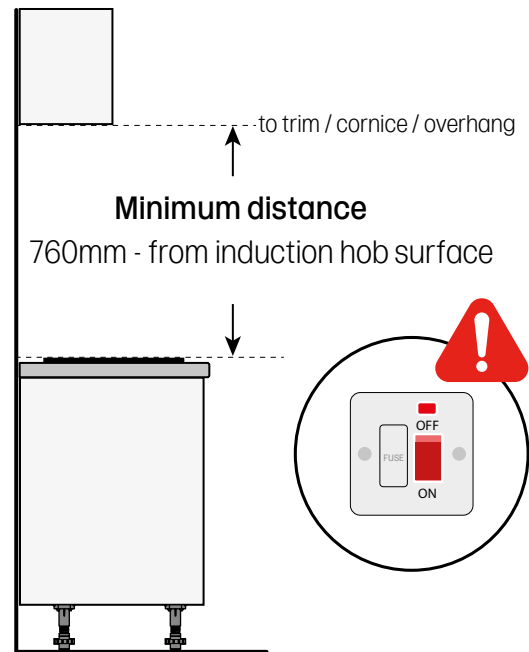
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## Safety Precautions for Installation

- Do not install this induction hob over a fridge, fridge freezer, freezer, dishwasher, washing machine, washer-dryer or tumble dryer.
- Veneers, laminate coatings, adhesives and plastic surfaces of surrounding worktops and adjacent kitchen units, must be temperature resistant (to at least 75°C). If the veneers and surfaces are not sufficiently heat resistant, they may become deformed.
- Cover strips between the wall and the worktop behind the hob which are made of solid wood are permissible, as long as minimum clearances in accordance with the installation diagrams are maintained.
- Minimum clearances of the hob cut-out towards the rear of the cabinet are to be maintained in accordance with the installation diagrams.
- If installing the hob on top of a drawer, ensure that no sharp items are stored in the drawer since these could become trapped on the underside of the hob and prevent the drawer from opening.
- For installation next to a tall cupboard, a safety distance of at least 50mm must be ensured. The side surface of the tall cupboard should be fitted with heat resistant material. Due to working requirements, however, the distance should be at least 300mm.

- The clearance between the hob and an extraction hood must be at least as large as the that stipulated in the assembly instructions for the cooker hood.
- Ensure the power cable cannot come into contact with hot appliance parts.
- Route the power cable so that it does not come into contact with any moving kitchen parts (e.g. drawer). It must not become trapped.
- The power cable must not be accessible through cupboard doors or drawers.
- The isolation switch must be easily accessible by the customer (above the worktop).

## Minimum distance required above the hob

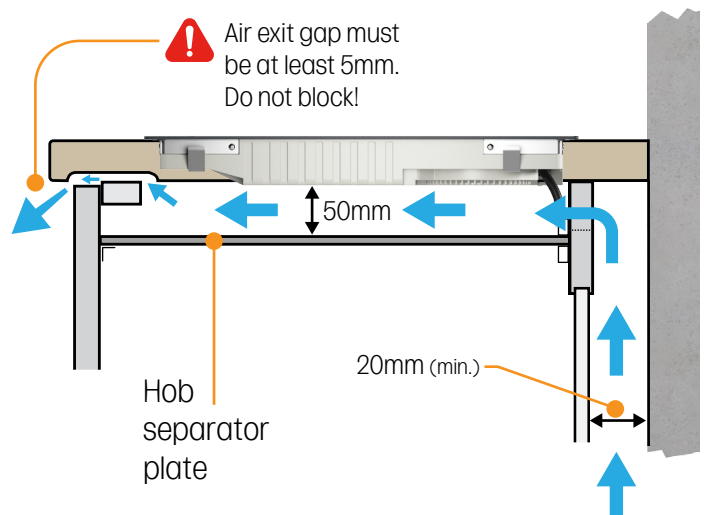
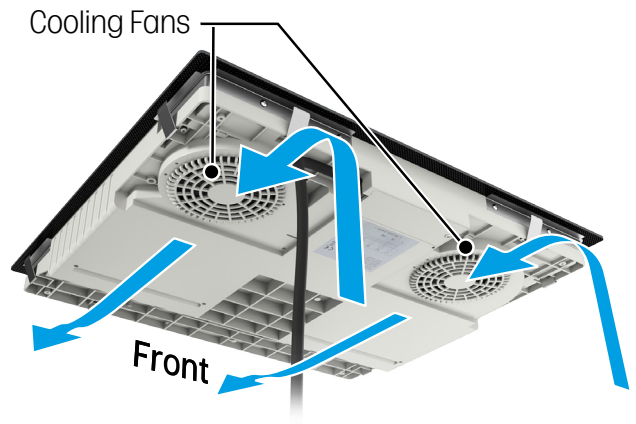


## Ventilation

**There must be adequate flow of air from outside the cabinetry to the base of the hob.**

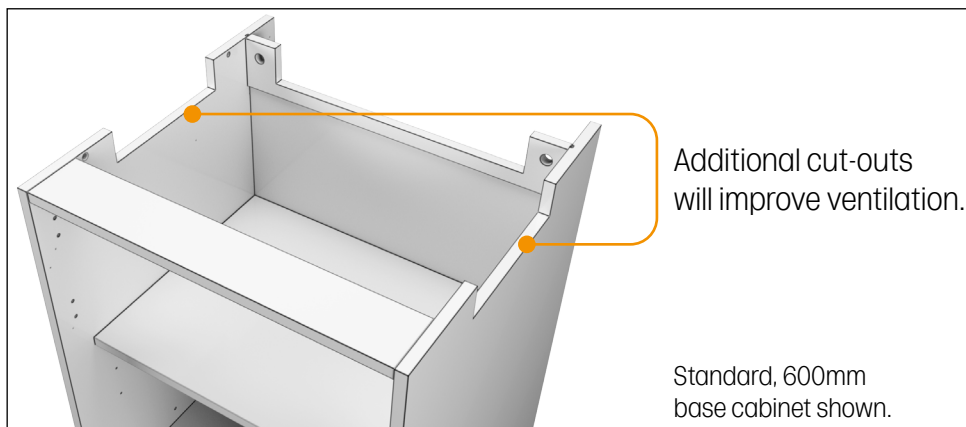
- If the hob is installed above a drawer or cupboard space, a thermal protection barrier must be installed below the base of the hob.
- The hob is fitted with fans that switch ON and OFF automatically to cool its electronic components.
- Keep ventilation slots beneath the hob clear of obstruction as this may cause damage / failure of the appliance. Sufficient supply of inlet air must be provided as shown in these installation instructions.
- Clearance between the hob and kitchen furniture or built-in units must provide for sufficient ventilation.
- **When the hob's cooling system is not able to cool sufficiently (e.g. during a power cut):**

We recommend that the back wall of the bottom cabinet (in the area of the worktop cut-out) be opened and that the front traverse strip of the unit be removed over the entire width of the appliance in order to promote the circulation of air.



Please see the latest Howdens Kitchen Installation Manual for information on cabinetry, worktops and fitting a hob separator plate.

**Ventilation is very important:** We recommend (in addition to the instructions shown in the Kitchen Installation Manual), that further ventilation is made possible by modifying the cabinet as shown.

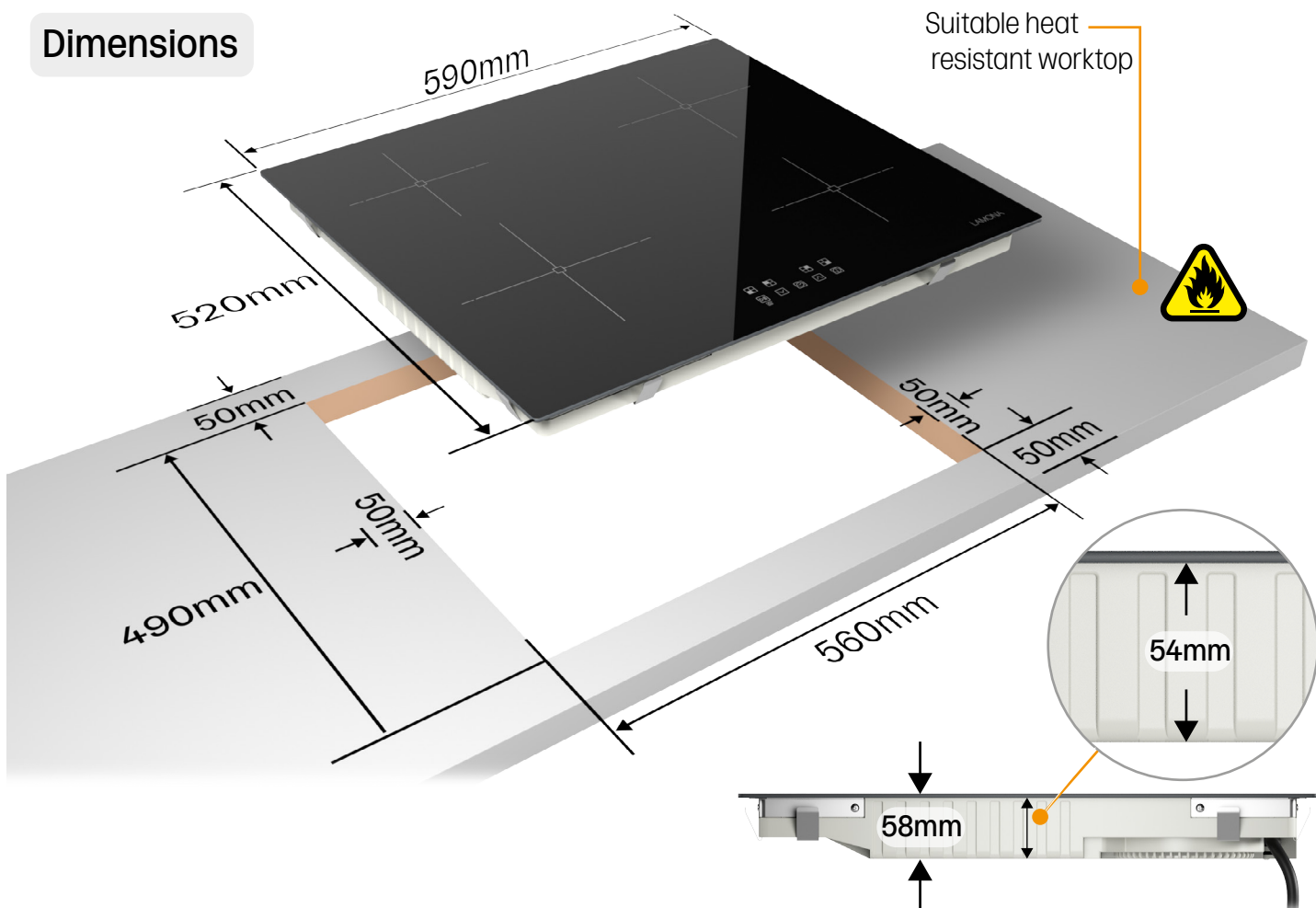


Please see the latest Howdens Kitchen Installation Manual.

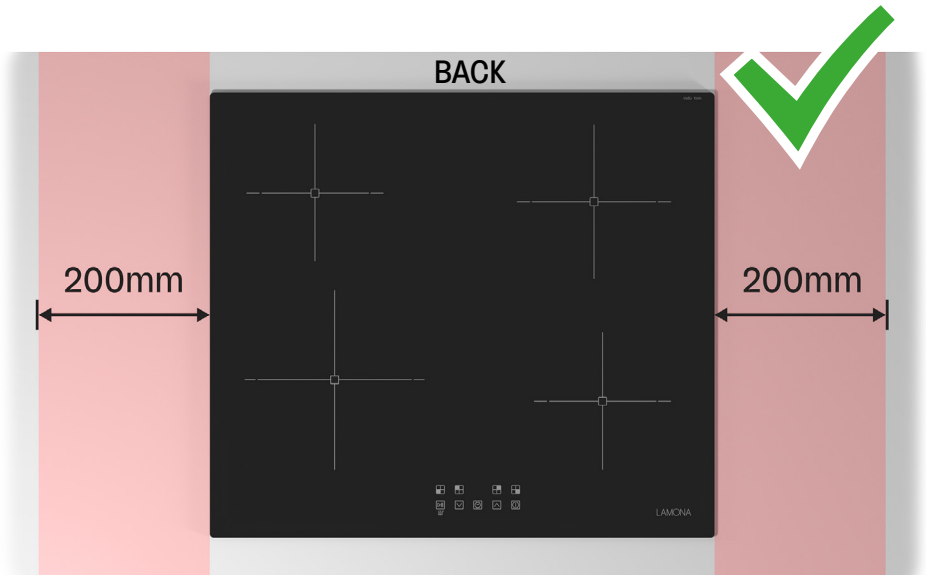
## Cutting out the worktop

### ! IMPORTANT

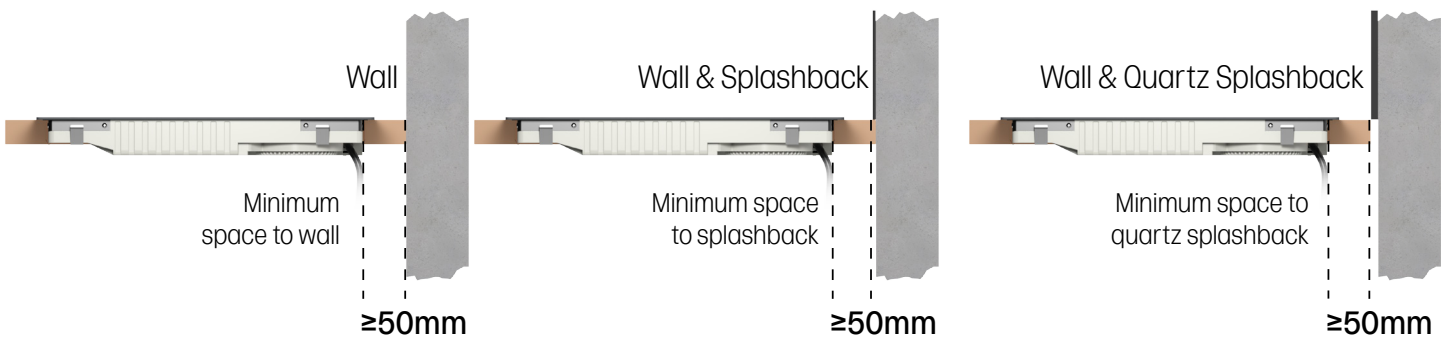
- The recess must be cut accurately using a sharp, straight saw blade or recessing machine using the dimensions shown. All cut edges should be sealed to prevent any moisture penetration.
- When installing, the supplied sealing strip must be properly applied and seated.
- The hob must sit flush and level. Any distortion may lead to stress fractures in the glass surface.



- The thickness of the worktop should be at least 30mm.
- A 50mm gap is the minimum distance required around the worktop aperture to an adjacent wall.
- On the left and right side of the hob, 200mm is recommended for safe practical use.
- If installing next to a tall cupboard, use 300mm.



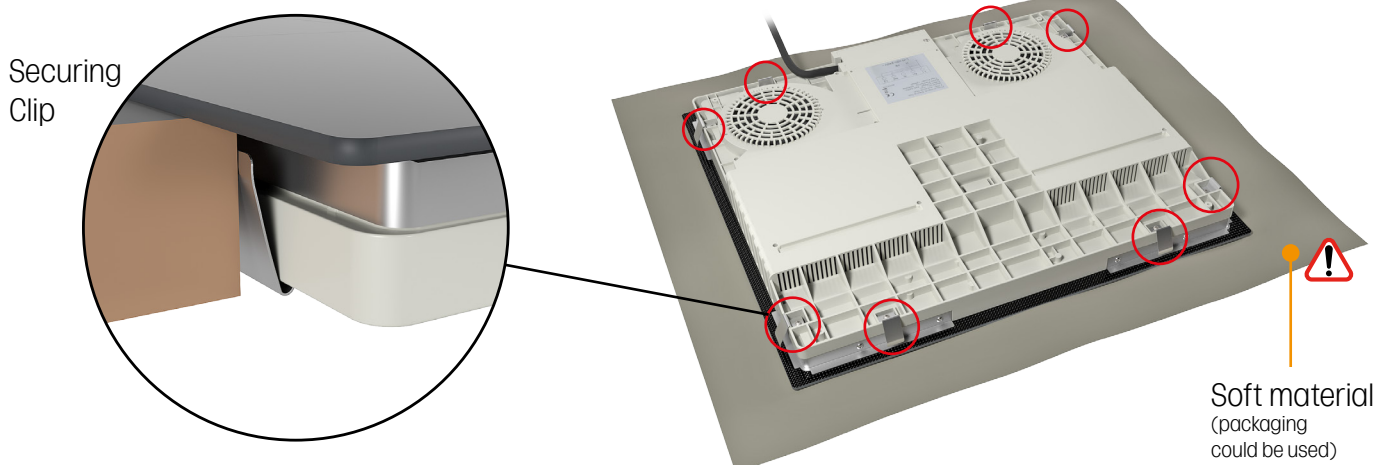
### Minimum distances to wall / splashback



## Fitting the hob into the worktop

### ① Place the hob on a soft non-abrasive surface.

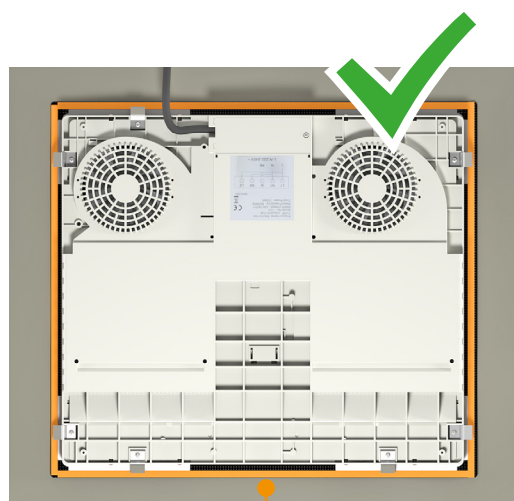
- The hob comes with 8 integral securing clips, these are designed to help make the hob fit tightly into the worktop aperture.



## ② Apply the supplied sealing strip

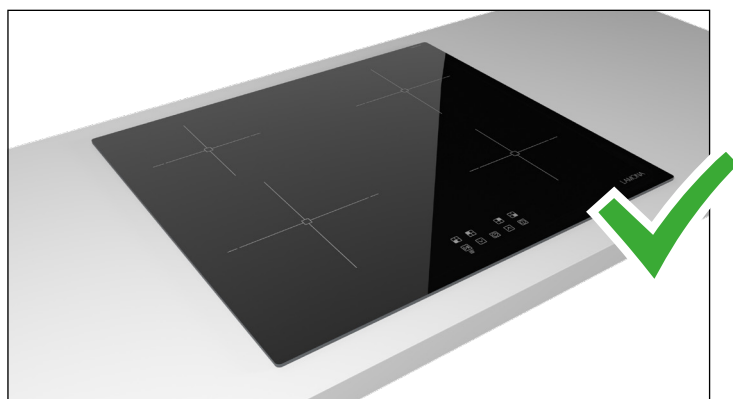
### ⚠ IMPORTANT

- No liquids must penetrate between the edge of the hob and the worktop, or between the hob and the wall. If this happens the hob electronics could be damaged.
- If installing the hob into an uneven worktop, e.g. with a ceramic or similar covering (tiles etc.), the supplied seal should not be used. Instead, the seal between the hob and worktop should be made with plastic sealing materials (putty).
- Under no circumstances should the hob be sealed with silicone sealant! This will make it impossible to remove the appliance at a later date without causing damage to it.



Apply the sealing strip around the glass surface that comes into contact with the worktop. Ensure there are no gaps.

## ③ Fit the hob into the worktop



- Route the power cable so that it is not in contact with parts of the appliance that may become hot.
- Ensure the cable is not accessible from within the cabinet or through drawers.
- Test the hob to ensure it works correctly.

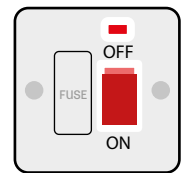
## **Electrical Connection**

### Electrical Safety

- Only a suitably qualified and authorised professional should connect the appliance to the mains supply.
- Check that the installation is compliant with all statutory and local regulations.
- This hob is designed for permanent, built-in use. It is to be connected to a fixed and permanent (building) electrical wiring system. DO NOT connect a domestic plug to the appliance mains power cable.
- Alterations to the building wiring must only be made by a qualified electrician.

### Means for Isolating the Appliance

- When connecting the hob, there must be an approved device which makes it possible to universally disconnect it from the mains supply with a contact opening width of at least 3mm.
- Line-protecting switches, fuses, or contactors are suitable cut-off devices.
- The isolation switch MUST remain accessible after installation, ideally above the worktop (refer to sections - Routing the Power Cable and Technical Specifications for fuse rating).
- For additional safety, we recommend the use of an RCD device.



**When connecting / repairing: Disconnect it from the electricity supply using one of these devices.**

### Routing the Power Cable

- Ensure the mains power cable is not clamped, bent, trapped, or in contact with parts of the appliance that may become hot.
- If the cable is damaged, replacement must be carried out by a qualified professional using appropriate tools. The mains cable should not exceed 2m for safety reasons.
- Route the mains lead away from the appliance, preventing it from being trapped between the appliance, worktop, cabinetry or wall.
- The power cable should be checked for any kind of damage regularly after installation.

### Power Requirement




- Connection to mains power must be carried out with strict adherence to the circuit diagram on page 16.
- Mains voltage must be the same as that shown on the hob rating plate.
- Only connect to a fixed building wiring system using a double pole, switched, fused spur outlet with a minimum contact separation (air gap) of 3mm.

Mains Power Requirement	
<b>Supply Voltage</b>	220-240V ~ 50/60Hz.
<b>Installed Electrical Power</b>	7200W
<b>Fuse Rating</b>	32A

## Electrical connection (continued)

**i Double Pole:** The term DOUBLE POLE +/- indicates that both the live and neutral supplies are switched and disconnected simultaneously.



**IMPORTANT:** The wires in the mains power cable are coloured in accordance with this code:



Blue - Neutral	
Brown - Live	
Green / Yellow - Earth	

**!** As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your spur box, proceed as follows:

### Terminology

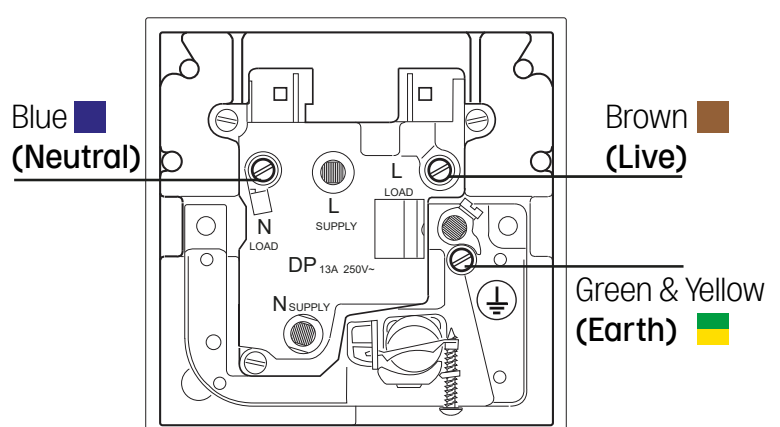
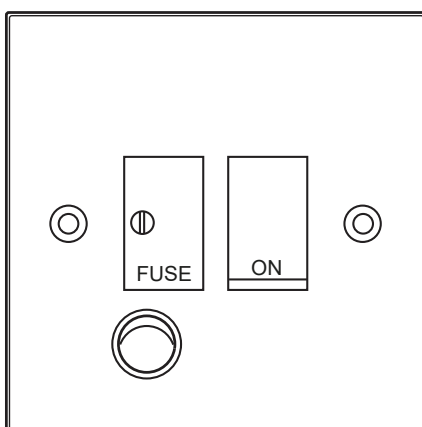
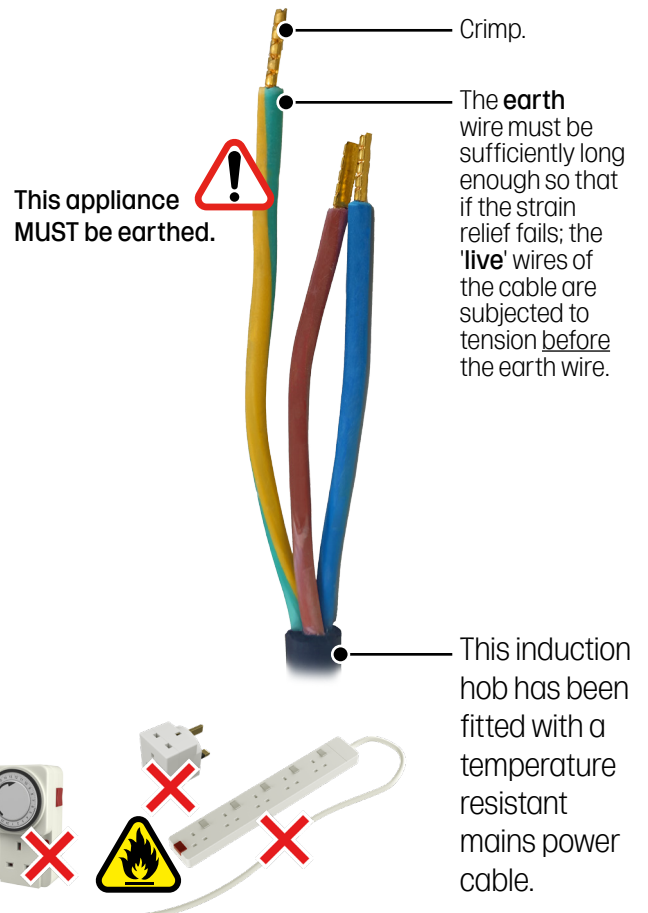
- Connections labelled SUPPLY pertain to the internal house wiring.
- Connections labelled LOAD are for linking to the appliance.

The **blue**  wire must be connected to the terminal which is marked with the letter 'N' or coloured **BLACK** 

The **brown**  wire must be connected to the terminal marked with the letter 'L' or coloured **RED** 

The **green and Yellow wire**  must be connected to the terminal which is marked with the letter 'E' or 

**!** Ensure live connections are safely insulated.



**!** Do not power on until correctly installed.



## Technical specification

Error Codes		
Problem	Reason	Solution
E4 / E5	Temperature sensor failure.	Contact the Lamona Service Line.
E7 / E8	Temperature sensor of the IGBT failure.	Contact the Lamona Service Line.
E2 / E3	Abnormal supply voltage.	Check the mains power supply is working correctly. Power on after the mains power supply is working. If the supply is working correctly and the error persists, switch off at the hob and at the mains. Call Lamona Service Line.
E6 / E9	Bad induction hob heat radiation.	Restart the induction hob after it has cooled down.

Technical Specifications	
Model	LAM1804 Induction Hob
Cooking Zones	4 Zones
Supply Voltage	220-240V ~ 50/60Hz.
Installed Electrical Power	7200W
Dimensions (D x W x H)	590mm x 520mm x 58mm
Fuse Rating	32A
Building-in Dimensions	560mm x 490 mm

## Guarantee

### Product Guarantee Details (UK & Republic of Ireland only)

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**Your appliance has the benefit of a comprehensive manufacturer's guarantee which covers the cost of breakdown repairs. (Details of which are shown on your Proof of Purchase Document).**

- Any claim during the period of the guarantee **MUST BE ACCOMPANIED BY THE PROOF OF PURCHASE.**
- The product must be correctly installed and operated in accordance with the manufacturer's instructions and used for normal domestic purposes.
- This guarantee does not cover accidental damage, misuse or alterations which are likely to affect the product.
- The guarantee is invalid if the product is tampered with, or repaired by any unauthorised person.  
(The guarantee in no way affects your statutory or legal right)

### What to do if you need to report a problem.

Please ensure you have ready:

- The product's model and serial numbers.
- Howdens Proof of Purchase Document.
- Your full contact details.

**Call the Depot number on your Proof of Purchase Document supplied with the product/kitchen.**

**or**

**Call the LAMONA Service Line on:**

**Within UK 0344 460 0006**

**Within Republic of Ireland 01525 5703**

\* Product installed within a domestic kitchen or a non-domestic kitchen where 8 or fewer people are using the appliance.

**Spare parts availability - 10 years**

**Only fit Genuine Spare Parts**

**[www.lamonaspares.co.uk](http://www.lamonaspares.co.uk)** (UK only)

Where to find the model and serial number on your appliance.	On the front face of the hob casing.
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## Notes



Product serial number  
(Place sticker here)

# LAMONA



Product information correct at the time of publication in February 2024.  
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Howden Joinery Ltd.  
Thorpe Road, Howden, East Yorkshire. DN14 7PA England  
Howdens Cuisines SAS. Z.A. du Bois Rigault Nord,  
1 Rue Calmette, 62880 Vendin-le-Vieil, Cedex, France