



HN3615FR

Induction Hob

Installation, use and maintenance



Important

The CDA Group Ltd cannot be held responsible for injuries or losses caused by incorrect use or installation of this product. Please note that CDA reserve the right to invalidate the guarantee supplied with this product following incorrect installation or misuse of the appliance or use in a commercial environment.

Under no circumstances should any external covers be removed for servicing or maintenance except by suitably qualified personnel.

- Never leave the appliance unattended when in use. Boil-over causes smoking and greasy spillovers may ignite.
- Never use your appliance as a work or storage surface.
- Never leave any objects or utensils on the appliance.
- Do not place or leave any magnetisable objects (e.g. credit cards, memory cards) or electronic devices (e.g. computers, MP3 players) near the appliance as they may be affected by its electromagnetic field.
- Never use your appliance for warming or heating the room.
- After use, always turn off the cooking zones and the cooktop as described in this manual (i.e. by using the touch controls). Do not rely on the pan detection feature to turn off the cooking zones when you remove the pans.
- Do not allow children to play with the appliance nor sit, stand or climb on it.
- Do not store items of interest to children in cabinets above the appliance. Children climbing on the cooktop could be seriously injured.
- Do not leave children alone or unattended in the area where the appliance is in use.
- Children or persons with a disability which limits their ability to use the appliance should have a responsible and competent person to instruct them in its use. The instructor should be satisfied that they can use the appliance without danger to themselves or their surroundings.
- Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be done by a qualified technician.
- Do not use a steam cleaner to clean your cooktop.
- Do not place or drop heavy objects on your cooktop.
- Do not stand on your cooktop.
- Do not use pans with jagged edges or drag pans across the induction glass surface as this can scratch the glass.
- Do not use scourers or any other harsh abrasive cleaning agents to clean your cooktop as these can scratch the induction glass.
- This appliance is intended to be used in a household or similar environments such as staff kitchen areas in shops, offices and other residential environments.

- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- WARNING:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age should be kept away unless continuously supervised.
Children shall not play with the appliance, cleaning and user maintenance shall not be made by children without supervision.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- WARNING:** If the surface is cracked, switch off the appliance to avoid the possibility of an electric shock, for hob surfaces of glass-ceramic or similar material which protect live parts.
- The appliance is not intended to be operated by means of an external timer or separate remote-control system.
- CAUTION:** The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
- WARNING:** In order to prevent tipping of the appliance, it must be stabilised prior to installation. Please refer to the installation instructions.
- WARNING:** Use only hob guards designed by the manufacturer of the cooking appliance or indicated by the manufacturer of the appliance in the instructions for use as suitable or hob guards incorporated in the appliance. The use of inappropriate guards can cause accidents.
- This appliance incorporates an earth connection for functional purposes only.
- WARNING:** Unattended cooking on a hob with fat or oil can be dangerous and may result in fire. NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.
- WARNING:** Danger of fire: do not store items on the cooking surfaces.



NOTICE: The crystallite glass is still hot after use, please do not touch!

Appliance information:

Please enter the details on the appliance rating plate below for reference, to assist CDA Customer Care in the event of a fault with your appliance and to register your appliance for guarantee purposes.

Appliance Model	
Serial Number	

EU Declarations of Conformity

This appliance has been manufactured to the strictest standards and complies with all applicable legislation, including Electrical safety (LVD) 2014/35/EU and Electromagnetic interference compatibility (EMC) 2014/30/EU. Parts intended to come into contact with food conform to 1935/2004/EC.

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EU DIRECTIVE 2012/19/EC.

At the end of its working life, the product must be taken to a special local authority waste collection centre or to a dealer providing appliance recycling services.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health. It also enables the constituent materials to be recovered, saving both energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.



Please note:

- Induction hobs become hot and remain hot during and immediately after use. Do not touch the hob until it has been allowed to cool.
- Keep children away from the appliance when in use.
- Never use the hob top for storage.
- Pan handles should never stand out beyond the edge of the worktop. This will help to avoid children reaching them.
- Do not lean over the hob when it is in use.
- Follow the cleaning instructions carefully.
- Ensure the base of the saucepan is clean and dry before placing it on the hob.
- Avoid hard shocks from cookware – the vitroceramic glass surface is highly resistant but not unbreakable.

- Do not place hot lids flat on the hob top. A “suction” effect could cause damage to the hob.
- Do not drag cookware across the hob top: in the long term, this could cause damage to the hob.
- Do not store cleaning or flammable products in the unit below the hob.
- Always use appropriate cookware.
- Do not cook unopened tins of food directly on the hob.
- Never put cooking foil or plastic materials on the ceramic surface when the hob is hot. These materials could melt and cause damage to the hob.
- This hob (Class 3) has been designed for use only as a cooking appliance. Any other use should be considered incorrect and therefore dangerous.

FOR THOSE WITH HEART PACEMAKERS OR ACTIVE IMPLANTS:

The function of this hob conforms to current electromagnetic interference standards and thus is in total compliance with legal requirements (2004/108/EC directives).

To avoid interference between your hob and a pacemaker, your pacemaker must be designed and programmed in compliance with the regulations that apply to it. As such, CDA guarantee only that our product is compliant.

With regard to the compliance of the pacemaker or any potential incompatibility, you should obtain information from the manufacturer or your attending physician.

Important

- Do not use the hob if the glass surface is cracked or damaged to prevent the risk of electric shock. Disconnect it from the power supply.
- Ensure that the power cable of a connected electrical appliance near the hob is not in contact with the cooking zones.
- Switch the appliance off at the mains electrical supply before any cleaning or maintenance.

Cooking on induction

The principle of induction cooking is based on magnetic effect.

When you put your cookware on an induction zone and switch it on, the electronic boards in the hob produce induced currents in the base of the cookware and instantly raise its temperature. This heat is then transferred to the food inside the cookware.

The best cookware to use with induction cooking has thick flat bases, as the heat will be better distributed meaning cooking is more even.

Most cookware is compatible with induction cooking.

There are three ways to check the suitability of your cookware:

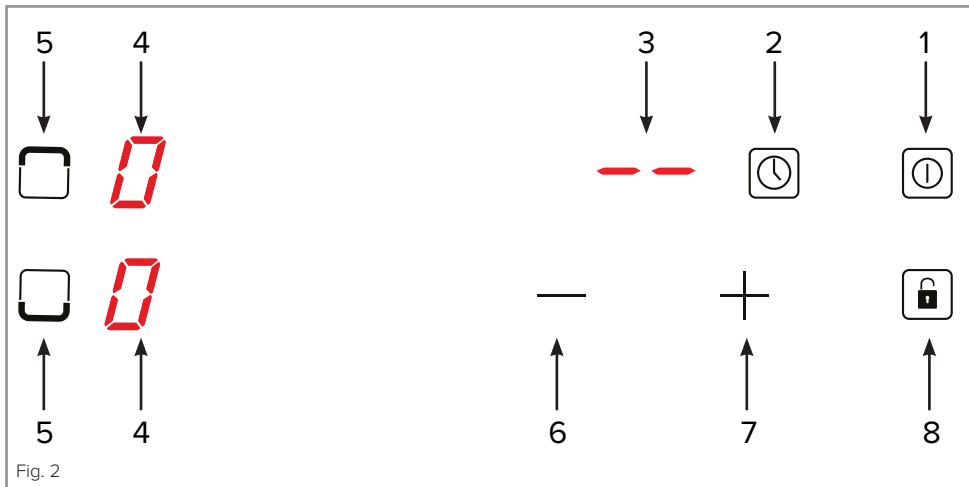
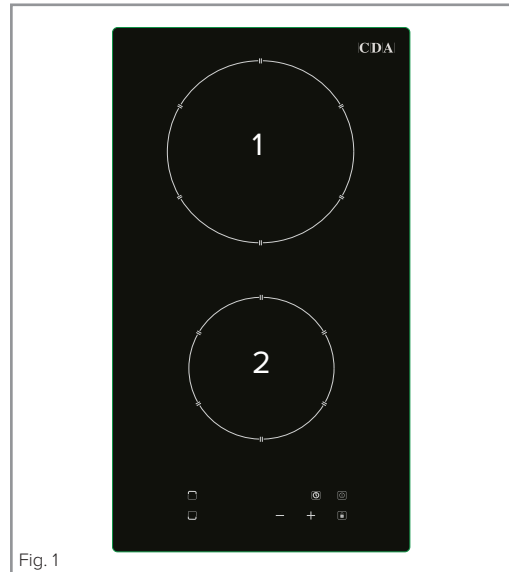
1. Use a magnet to see if the base of the pan is magnetic: If the magnet sticks, then the cookware is compatible.
2. Place the pan on one of the cooking zones and switch the zone on. If the display continues to show the selected power level then the cookware is compatible. If the display shows “E”, the cookware cannot be used on an induction hob.
3. Check the instructions or packaging of the pans for the symbols indicating suitability for use with induction.

Using your hob

Zones:

1. Upper 1.7kW 180 mm
2. Lower 1.2kW 140 mm

Please note: Each zone has a powerful cooling fan that will activate once a zone is powered.



Control panel:

1. On/off sensor
2. Timer sensor
3. Timer display
4. Zone display
5. Zone selector
6. Minus setting selector
7. Plus setting selector
8. Lock sensor

Using your hob

To switch the hob on

- To switch the power on, touch the "On/off sensor" (1) ① for approximately one second. The hob will beep, the zone displays and the timer display will show dashes.

Please note: If a zone is not selected nor a power level set within one minute, the hob will switch off automatically.


To set the power level

- Touch the zone selector (5) for the required zone. The hob will beep and the zone display will show flash "0".
- Select the desired heat setting using the "+" or "-" selectors. The power level ranges from 1 (minimum) to 9 (maximum). The power will jump to 5 upon first touch of the '+' sensor. After a few seconds the hob will begin heating.

Please note: After zone selection, zone adjustment will remain active for approximately five seconds. Also, if no key is touched within one minute, the zone will become inactive and the hob will switch off automatically.

To turn the power off to a zone

- To switch off a zone, touch the zone selector (5) so that the cooking zone display (4) flashes. Then use the "+" or "-" selectors to adjust the power level to "0". The cooking zone indicator will display a "0" to confirm that the zone is now inactive but will display an "**H**" if the zone is still hot to the touch.

- If switching off both zones, the previous step needs to be taken for each zone. When both the zones are at "0", the hob will switch off automatically after approximately one minute.
- Alternatively, to switch off the hob immediately, touch and hold the "On/off sensor" (1)  for approximately one second. Any zones that are still hot to the touch will display an "H".

Please note: In case of a cut to the power supply, the residual heat indicators will not be displayed yet the zones may still be hot to the touch. It is advisable to refrain from touching the hob top, particularly with bare hands, for some time after use.

Operating time limiter

This hob has a 15 minute operating timer limiter. The hob will automatically switch off any active zones after this time.

Timer

The hob is equipped with a timer that allows a finish time to be set for the end of cooking on any zone, between a minimum of 1 minute and a maximum of 15 minutes. This timer can be used separately for each zone. Once the timers are set, the timer display will show the time remaining on the first zone to finish cooking and an LED will flash next to the zone power level. If a timer has been set for each zone, then the power level of the last zone to finish will have a solidly lit LED next to it.

To set the timer

- First, switch on the hob and set the desired zone to the power level

required.

- Whilst the relevant cooking zone display is flashing, touch the “Timer sensor” (2). Using the “+” and “-” selectors (6 and 7), set the desired cooking time (in minutes) to between 0 and 15. The selection will confirm in approximately 5 seconds, the timer display will show the time set and the countdown will start.
- If no time is set within five seconds, the timer display (3) will become inactive and the zone will continue cooking.

At the end of the timer, the hob will beep once and the relevant zone will switch off. The display will alternate between a dash and an "**H**" if the zone is still hot. If there is a timer set on the remaining zone, the timer display will show the time remaining.

Please note: The timer duration can be adjusted at any time during the countdown. Simply touch the relevant zone selector (5) so that the zone display flashes, then adjust the minutes using the “+” and “-” setting selectors.

Please note: The power level can be adjusted at any time during the countdown.

To cancel the timer

- Touch the zone selector (5) for the required zone so that the cooking zone display (4) flashes. Press timer sensor and then use the “-” setting selector to return the timer display to 0.

Safety key lock

The hob is equipped with a safety key lock that helps to prevent accidental or inadvertent activation of the hob.

To activate the safety key lock

- Simply touch the “lock sensor” (8). The timer display will show “Lo” to confirm that the lock has been activated successfully. This can be done with the hob running or in standby mode.

To deactivate the safety key lock

- Simply touch and hold the “lock sensor” (8) for approximately three seconds. The timer display will show dashes or the remaining time to confirm that the lock has been deactivated successfully.

Please note: The safety key lock will deactivate if the hob disconnected from the mains.

Residual heat indicators

Residual heat indicators warn when any of the zones are still hot to the touch after use. An “**H**” will show in a zone’s indicator if the relevant zone is above approximately 45°C. Avoid touching any zone whilst the hob is in use or whilst a residual heat indicator is displayed.

In the event of a power cut or failure, the residual heat indicators will not illuminate after the power supply is restored. Also, when there is no power supply to the hob the residual heat indicators will not work, **yet the hob zone(s) may still be hot**, so extra care must be taken.

Efficient use of your hob

The hob is equipped with zones designed to accommodate most shapes and sizes of pan. For best results, only use pans with flat bottoms and choose an appropriate zone depending on the size of the pan. The most efficient use of the hob is shown below, where the pan and zone are correctly chosen.

Use pan lids where possible to minimise the energy usage of your appliance.

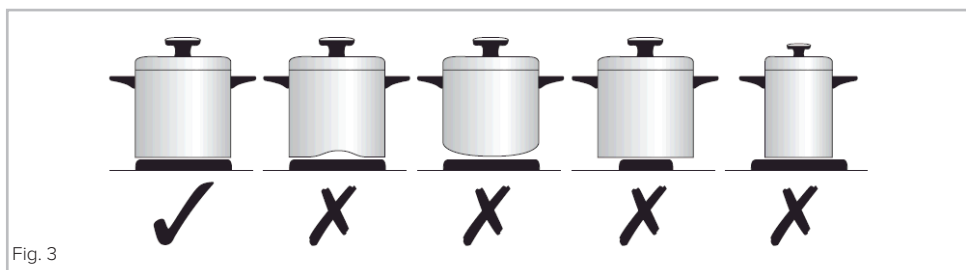


Fig. 3

Zone Size	Minimum Pan Size (mm)	Optimal Pan Size (mm)
140mm	90	140
180mm	110	180

It is very important that the pans used on the hob are made of a suitable material and have the correct type of base. The base of the pan and the hob top must be clean before use to prevent any scratches on the hob top. Bases with manufacturers' logos embossed into them may interfere with the operation of the inductor modules.

Please note: Extra care should be taken if cast iron pans are used as these have coarse bases which may damage the hob top.

Care and maintenance

Always disconnect the appliance from the power supply before undertaking any cleaning or maintenance.

- Steam cleaners must not be used when cleaning this appliance.
- You should use a non-abrasive cleaner to clean the hob top. Any abrasive cleaner (including Cif) will scratch the surface and could erase the control panel markings.
- Sugar and starch can cause permanent damage to the surface of the hob. Wipe away any spillages immediately but be careful given that the hob top will be hot during and after usage.
- Avoid letting pans boil over where possible.
- Always use a clean, soft sponge or a clean cloth where possible. Scouring sponges and brushes could cause scratches.

Type of residue	Clean with	Cleaning advice
Light	Cleaning sponge and soft cloth	Wipe over the zone to be cleaned with a sponge and hot water, and then wipe off with a soft dry cloth.
Accumulated baked-on stains/dirt, sugar spills or melted plastics	Cleaning sponge or glass scraper and soft cloth	Wipe over the zone to be cleaned with a sponge and hot water, use a ceramic glass scraper to remove any large marks or stains and then wipe off with a soft dry cloth.
Rings and hard water residues	White vinegar and soft cloth	Pour a small amount of warm white vinegar onto the stain, leave it to stand, and then wipe off with a soft dry cloth.
Shiny metallic streaks	Cleaning agent for vitroc ceramic glass etc.) Slow boiling, e.g. spaghetti, soups, stews, potatoes	Use specialist vitroc ceramic glass cleaner (preferably one with silicone for its protective properties)

Troubleshooting - fault/error codes

Code	Potential cause	Potential solution
F3/F4	Induction coil temperature sensor failure	Contact CDA Customer Care to arrange a service visit.
F9/FA	IGBT temperature sensor failure	Contact CDA Customer Care to arrange a service visit.
E1/E2	Abnormal supply voltage	Incoming mains voltage needs to be inspected for abnormalities (below 220V or above 240V). Restore power to hob if between these parameters.
E3	Over-temperature at the induction temperature sensor	Contact CDA Customer Care to arrange a service visit.
E5	Over-temperature at the induction temperature sensor	Restart the hob after it has been given time to cool down

If your hob is not working:

1. Check that the zone is switched on.
2. Check that the mains supply has not been switched off.
3. Check that the fuse in the spur has not blown.

In the event of an unsolvable fault with the hob please advise CDA Customer Care.

Contact CDA Customer Care

A: Customer Care Department, The CDA Group Ltd, Harby Road,
Langar, Nottinghamshire, NG13 9HY

T: 01949 862 012 F: 01949 862 003

E: customer.care@cda.eu W: www.cda.eu

Troubleshooting

Problem	Possible Causes	Possible Remedy
The appliance does not work and no indicators are lit.	The appliance has no power	Check the fuse and replace if blown.
Sensor fields do not respond when touched.	Appliance is not turned on	Turn on the appliance
	A sensor field has been touched too briefly (less than a second)	Touch the sensor field again and for longer
	Multiple sensors have been touched/covered at the same time	Only touch one sensor field at a time unless instructed otherwise
	There is dirt or residue on the sensor(s)	Clean the sensors carefully and resume.
The appliance does not respond and emits an extended beep	Improper use (wrong sensor fields touched or touched too briefly)	Switch the appliance off via the on/off sensor and at the mains and then switch the power and appliance on again
The appliance switches itself off	No heat level has been set within 10 seconds of activating the appliance	Switch on the appliance and set zone and heat setting without delay
	Sensor fields covered or dirty	Uncover or clean the sensor fields
A cooking zone switches itself off and a residual heat indicator is shown.	Operating time limiter has activated.	Nothing (see pages 9-10)
	Sensor fields covered or dirty	Uncover or clean the sensor fields
	Electronic components have overheated	Nothing. Allow appliance to cool.

Problem	Possible Causes	Possible Remedy
Residual heat indicator has extinguished despite zone(s) still being hot.	The appliance has no power	Check the fuse and replace if blown.
Hob top is broken, cracked and/or chipped.	Stop using the appliance immediately and switch the appliance off at the mains. Contact CDA Customer Care to arrange a repair.	
The appliance makes a buzzing noise.	Buzzing noises are normal whilst the hob is in use (inductor modules functioning) and after the hob has been used (cooling fan in operation).	
The appliance makes noises similar to whistles, hisses and pops.	These noises are normal. If several cooking zones are used at once then the hob can make hissing or whistling noises due to the frequencies used to power the inductor modules. Popping noises can often be heard when pans are being heated.	
One cooking zone or multiple zones do not work.	The internal electronics may be faulty and in need of a reset.	Reset the appliance by disconnecting it from the mains for a few minutes before reconnecting it.
One or more zones display a “L” symbol	The selected pan is not suitable for use with this hob.	See page 6 for more information on selecting a correct pan.

Should any error code show on the zone displays, or the above steps not resolve an issue, please contact CDA Customer Care for assistance. Contact details are on page 14.

IMPORTANT - PLEASE NOTE: In the event of any breakage, crack or cracking – even minimal – of the vitroc ceramic glass, immediately disconnect your appliance to prevent a risk of electric shock and contact CDA Customer Care.

Fitting the hob

Unpacking the hob:

Take care not to lose, drop or mishandle any parts.

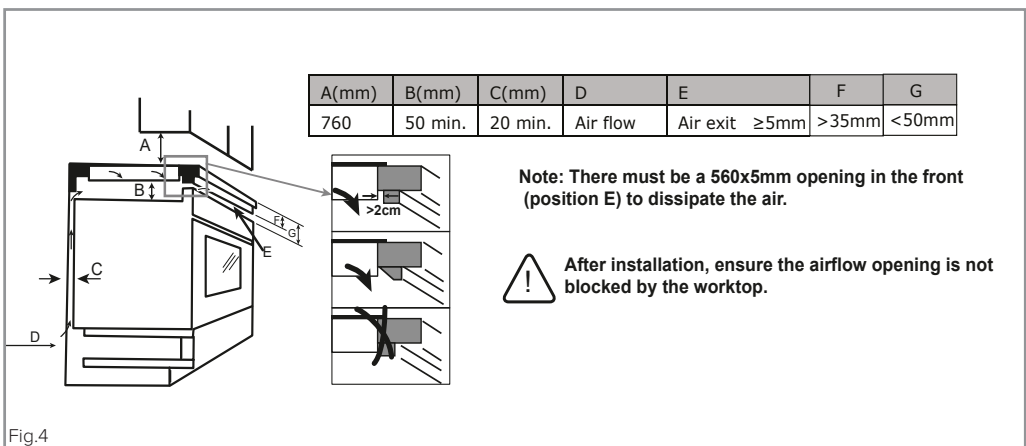
Fitting position of the hob:

This appliance must be, when installed, a minimum of 50mm from any back wall and a minimum of 55mm away from any adjacent vertical surfaces, e.g. a tall cupboard end panel. This may be reduced to 50mm if the adjacent surface is resistant to fire (tiles or steel for example).

Ventilation requirements:

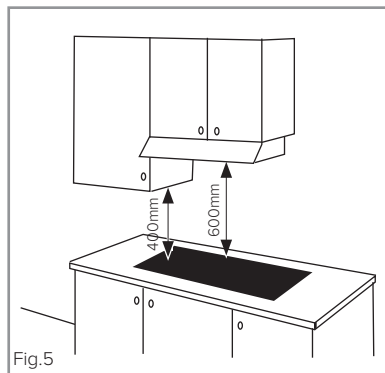
This appliance must be installed to allow air to flow freely to the air intake and from the air outlet. An air gap of 50mm is recommended immediately below the hob. Air needs to be able to enter and exit the unit.

Failure to allow sufficient ventilation could cause problems with operation or damage to the hob and constitutes incorrect installation, which is not covered by the product's warranty.



If fitting a CDA cooker hood above the hob:

If a CDA cooker hood is to be installed above the hob, the height of the hood above the hob must be at least 600mm (Fig.5). If the instructions supplied with the hood dictate that the hood must be installed at a height greater than 600mm, then that height is the minimum required.



Wall furniture requirements:

The minimum height of any cabinet immediately above the hob is 760mm. The minimum height of any adjacent units (including light pelmets) is 400mm, unless they are manufactured from a material resistant to fire (steel, for example).

Important notes:

- Do not position this appliance above a refrigeration unit. The heat generated may cause the refrigeration unit to fail.
- This appliance is designed to be installed into cabinet units capable of withstanding temperatures of 75°C or greater above ambient temperature (ideally 105°C+).

Important notes:

- Never place perishable foods, cleaning products or flammable items in the cupboard below the appliance.
- If an oven is to be installed below the hob, the thermal safety system on the hob may not allow the hob to be used at the same time as a pyrolytic programme on the oven.
- **Ensure that the top rail is removed prior to installation, and that no unit cross member is blocking the air outlets.**
- If the hob is to be located above a working drawer, we recommend that the drawer is not used for storing soft items, for example dusters or towels; this is to minimize the risk of the cooling system air intakes being obstructed.

How to install the hob

Overall dimensions of the hob:

Width: 288 mm Depth: 520 mm

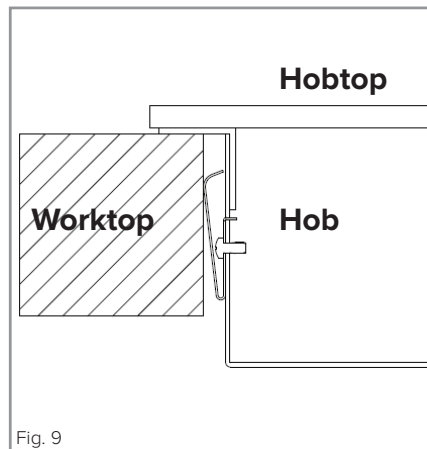
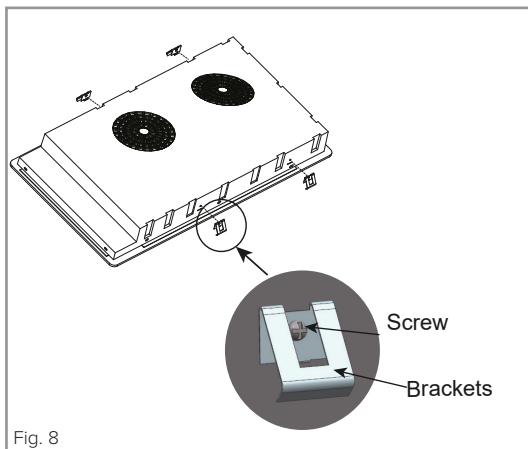
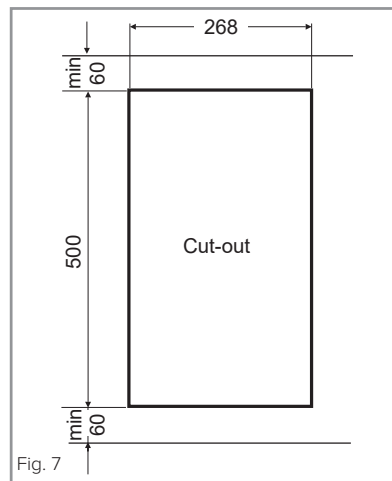
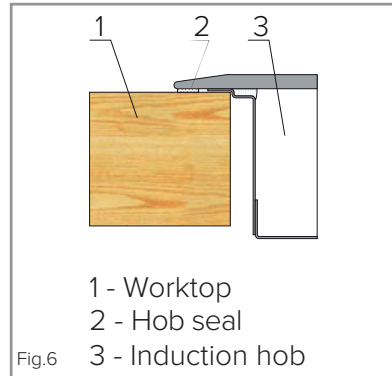
Hob thickness: 62mm approx.

Worktop cut-out dimensions:

Width: 268 mm Depth: 500 mm

1. Make the required hole in the worktop. Before doing this, you must check the instructions supplied with any cooker hood to ensure that you will have the required clearance. The cut-out (Fig.7) shows a 60mm gap from the worktop edge and walls to the cut-out edge. If a splashback/worktop upstand is to be fitted, take this into account when cutting the hole. The minimum distance that the hob should be positioned away from the rear wall or splashback, **when installed**, is 50mm (measured from the edge of the hobtop).

2. Take the supplied seal and cut it to length so that all four edges of the glass are covered by the seal. Remove the white backing and stick the seal strips in place.
3. Attach the four supplied fixing clips to the sides of the hob, as per Figs. 8 and 9. Fig. 9 is a view of the hob within the worktop and is intended to illustrate which way up the clips should be fitted.
4. Make sure that the worktop is clean and dust free and insert the hob into the cut-out opening. Press the hob firmly into place so that the seal connects with the worktop (Fig. 6).



Mains electrical connection

Warning! This appliance must be earthed.

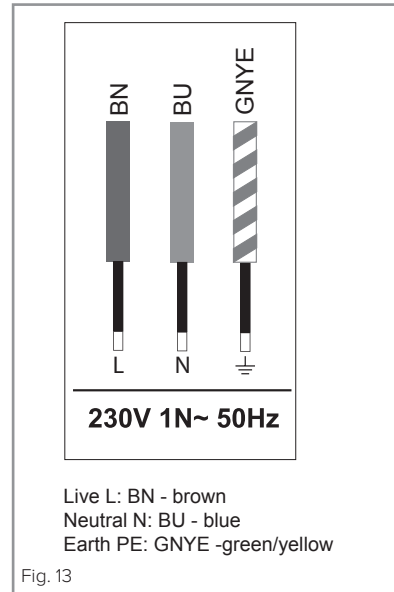
We recommend that the appliance is connected by a qualified electrician, who is a member of the N.I.C.E.I.C. and who will comply with the I.E.T. and local regulations.

This appliance is intended to be connected to fixed wiring and is NOT suitable for connection to a 13A plug or 13A supply.

This appliance is intended to be connected to fixed wiring by a double pole switch, having a contact separation of at least 3mm in all poles. The switch must be positioned no further than 2m from the appliance.

Please note:

- The mains cable must only be replaced by a qualified electrician or service engineer and must be of equivalent or better rating (i.e. 1.5mm², HO7RN-F).
- This appliance is intended to be connected to the mains supply with a cable of cross sectional area 1.5mm².
- The current rating of the fuse or circuit breaker protecting this



appliance should be marked on the socket outlet.

- Assembly and electrical connection should be carried out by specialised personnel.
- When installing this product we recommend you seek the help of another individual.
- **Should the mains cable be damaged or need to be replaced, it should only be done so by a qualified electrician or engineer.**

Appliance electrical rating: 2900W

Energy Efficiency Information

Attribute	Symbol	Value	Units
CDA model		HN3615FR	
Type of hob		Built in	
Number of cooking zones and/or areas		2	
Heating technology (induction cooking zones and cooking areas, radiant cooking zones, solid plates)		Induction cooking zones	
For circular cooking zones or area: diameter of useful surface area per electric heated cooking zone, rounded to the nearest 5mm	Ø	Upper : 18.0 / Lower : 14.0 /	cm
For non-circular cooking zones or areas: length and width of useful surface area per electric heated cooking zone or area, rounded to the nearest 5mm	L W	NA	cm
Energy consumption per cooking zone or area calculated per kg	EC _{Electric cooking}	Upper : 185.7 Lower : 190.3	Wh/kg
Energy consumption for the hob calculated per kg	EC _{Electric hob}	188	Wh/kg



For service or queries relating to your product please contact:

The Customer Care Department on **01949 862 012** or email customer.care@cda.eu

For more information please contact:

The Sales Department on **01949 862 010** or email sales@cda.eu

Customer Care Department. The CDA Group Ltd, Harby Road, Langar, Nottinghamshire, NG13 9HY
T: 01949 862 012 **F:** 01949 862 003 **E:** customer.care@cda.eu