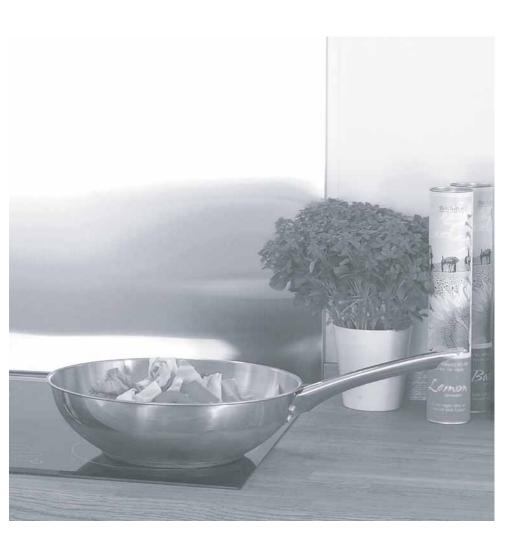
LAM1625

Ceramic 5 Zone Touch Control Hob



User & Installation Guide



CONTENTS & INTRODUCTION

CONTENTS

- SAFETY
- USING THE PRODUCT
- CLEANING
- INSTALLATION INSTRUCTIONS
- TECHNICAL DATA
- CUSTOMER CARE

INTRODUCTION

Thank you for buying this Britishbuilt appliance from us.

This guide book is designed to help you through each step of owning your new appliance, from installation to use. Please read it carefully before you start using your product, as we have endeavored to answer as many questions as possible, and provide you with as much support as we can.

If, however, you should find something missing, or not covered, please contact our Customer Care team. Their number is located on the back page of this book.

When you dial this number you will hear a recorded message and be given a number of options. This indicates that your call has been accepted and is being held in a queue. Calls are answered in strict rotation as our Customer care representatives become available.

Before using the hob

Make sure that you have removed all packaging, wrappings, stickers and films from the hob surface.

It is recommended that you clean and wash the hob surface before using for the first time

Apply a thin coat of ceramic hob cleaner to the hob to help maintain and protect it.

See the customer care section for details of how to obtain all the available cleaning products.

BEFORE USING THE PRODUCT

Make sure that you have removed all packaging and wrapping. Some of the items inside this appliance may have additional wrapping.

GENERAL

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 shall be kept away unless continously supervised. 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 the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

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 the flame with a lid or damp cloth.

WARNING! - Danger of fire: Do not store items on the cooking surfaces. Never leave any cook zone on without a pan covering it. This causes a fire hazard.

WARNING! - Servicing should be carried out only by authorised personnel.

WARNING! - The appliance must never be disconnected from the mains supply

during use, as this will seriously affect the safety and performance, particularly in relation to surface temperatures becoming hot and gas operated parts not working efficiently. The cooling fan (if fitted) is designed to run on after the control knob has been switched off.

WARNING! -

Do not spray aerosols in the vicinity of this appliance while it is in operation.

WARNING! - Do not store or use flammable liquids or items in the vicinity of this appliance.

WARNING! -

Do not modify this appliance.

WARNING! - Do not operate the appliance without the glass panel

correctly fitted.

warning! - There is a risk of electric shock, so always make sure you have turned off and unplugged your appliance before starting. Always allow the product to cool down before you change a bulb.

WARNING! - Do not modify the outer panels of this appliance in any way.

WARNING! - This appliance must be earthed.

WARNING! - The top element gets extremely hot when in use, so take care to avoid touching it.

GAS WARNING! -

If you smell gas:

Do not try to light any appliance.

Do not touch any

electrical switch.

Contact your local gas supplier immediately.

ELECTRIC INDUCTION HOB

WARNING:-

Unattended cooking on a hob 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 damp cloth.

Danger of fire: do not store items on the cooking surface.

If the surface is cracked, broken or shattered, switch off the appliance to avoid the possibility of electric shock and call for a service engineer's visit.

Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they can get hot.

Ensure you switch off the appropriate cook zone individually or (by the central on/off key if touch control) when you have finished cooking, do not rely upon the automatic pan detection system as your means of switching "off" the appliance.

This induction hob complies with the applicable EMC and EMF standards. Therefore it should not interfere with other electronic units. Persons fitted with a pacemaker or any other electrical implant should clarify with their doctor or the producer of the implant, whether there implant is adequate and

fail-safe.

The pacemaker must be designed in compliance with the appropriate regulations.

Caution: This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.

Caution: The use of a gas cooking appliance results in the production of heat, moisture and products of combustion in the room in which it is installed. Ensure that the kitchen is well ventilated especially when the appliance is in use. Keep natural ventilation holes open or install a mechanical ventilation device (mechanical extractor hood).

Prolonged intensive use of the appliance may call for additional ventilation, for example opening of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.

Induction Hob

Parts of the appliance may become hot while in use. Always make sure that children are supervised when they are near to the appliance.

Always position pans over the centre of the cook zone, and turn the handles to a safe position so they cannot be accidentally knocked or grabbed.

Do not leave pans on

the hob when you're not around - take them off the cook zone if you have to leave the kitchen even if you think it will only be for a moment, while you answer the door or phone.

If you use a griddle plate ensure it is completely cool before attempting to lift it from the hob as residual heat may cause burns, Always use oven gloves to protect your hands.

The appliance has a glass hob top, make sure you do not drag pans across the ceramic surface as this will lead to scratches and damage.

Do not use the hob surface as a chopping board or food preparation area as this may lead to it becoming damaged.

The glass ceramic can get hot whilst cooking; even though the cook zone itself does not generate heat. The heat generated is conducted back from the hot pans. Keep electrical leads from trailing over or going near the hob. The appliance must never be disconnected from the mains supply during use as this will seriously affect the safety and performance, particularly in relation to surface temperatures becoming hot and component parts not working efficiently. The cooling fan (if fitted) is designed to run on after the control has been switched off.

SAFETY

This hob is not intended to be opertated by means of a external timer or seperate remote control system.

Fire Safety Advice

Most kitchen fires occur when people are distracted or leave things unattended, so remember:

If you're called away from the cooker - by the phone or someone at the door, either take pans off the heat, or switch off your hob.

Don't let yourself be distracted while cooking.

If you do have a fire in the kitchen, don't take any risks - get everyone out of your home and call the Fire Brigade.

Unattended cooking on a hob with fat or oil can be dangerous and may result in a 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 - If a pan catches fire:

- Do not move it it is likely to be extremely hot
- Turn off the heat if it's safe to do so - but never lean over a pan to reach the controls.
- If you have a fire blanket, put it over the pan.
- If you have put the fire out, leave the pan to cool completely.

Deep-fat frying presents more dangers in your kitchen.

- Never fill a chip pan (or other deepfat fryer) more than one-third full of oil
- Do not use a fire extinguisher on a pan of oil - the force of the extinguisher can spread the fire and create a fireball.

If you have an electrical fire in the

kitchen:

- Pull the plug out, or switch off the power at the fuse box - this may be enough to stop the fire immediately
- Smother the fire with a fire blanket, or use a dry powder or carbon dioxide extinguisher
- Never use water on an electrical or cooking oil fire.

DISPOSAL

Packaging Material

The packaging materials used with this appliance can be recycled.

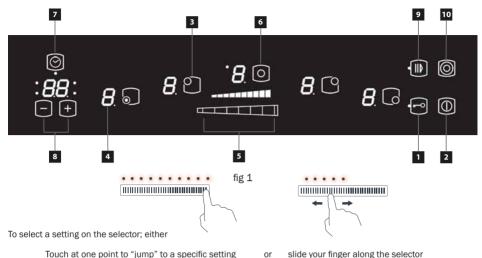
Please dispose of the packaging materials in the appropriate container at your local waste disposal facilities.

Old Appliances

The Symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the applicable collection point for the recycling of electrical and electronic equipment.

You will by ensuring the appliance is correctly disposed of help prevent potential negative consequences for the environment and human health.

For additional details regarding the recycling of this product please contact your local government office, your household waste disposal service or the retailer where you purchased the product.



Touch at one point to "jump" to a specific setting

- KEYLOCK
- ON/OFF KEY
- COOK ZONE KEYS (1 4)
- POWER LEVEL/COOK ZONE DISPLAY
- POWER LEVEL ADJUST SLIDER (+/-)
- DUAL COOK ZONE KEY
- TIMER KEY
- TIMER ADJUST KEYS
- PAUSE KEY
- **DUAL ZONE OPERATION KEY**

Touch Controls

The touch controls of your hob have been designed to provide you with finger tip control of your hob, providing accurate and repeatable power settings for cooking and an easy clean surface that can be easily wiped over, When a cook zone is activated the power setting is displayed for each zone individually.

Using The Touch Controls

Use the flat of your finger, not the tip, the controls respond to touch, so you don't need to apply any pressure. The touch control keys take approximately 1 second

to respond to your touch.

Always ensure the touch control area is clean, dry and free from any objects (e.g. utensils, tea towels and cloths), spillages and water may make the controls difficult to operate.

A beeping sound will be activated and will keep on beeping every 10 seconds, to

attract your attention, please remove any objects and clean the area as appropriate.

Appyling Power To The Hob

Before switching on the power supply to the appliance, switch off any bright lights (Such as a cooker hood) and ensure the appliance is not in direct sunlight.

This is to enable the electronic controls to calibrate its sensitivity against the natural ambient lighting (Approx 30 seconds).

Failure to observe the above will result in the hob not functioning correctly, (Display showing "FL"). To rectify remove all strong lighting sources and re-apply power.

The hob should complete the calibration procedure satisfactorily and lighting such as cooker hoods can be used normally.

When power is first switched on the hob will always start up with the Key Lock activated.

Key Lock

A Red Led indicates when the key lock is active, to deactivate/activate, touch the Key Lock key for 1 second.

The key lock is deactivated when the Red LED switches off.

If any of the cook zones are ON, the key lock function locks all the keys except the ON/OFF key.

If the cook zones are OFF, the key lock function locks all the keys, including the ON/OFF key.

Note: The Key Lock is automatically activated every time the electricity supply is switched off and back on to the hob.

To avoid unintentional switching on of the appliance, e.g. by small children and pets, we recommend activation of the key lock feature.

Central On/Off key

The central on off key activates the cooking zone selection keys and enables all of the cooking zones to be switched off simultaneously at a touch of one key.

Switching On (Individual Cook Zone)

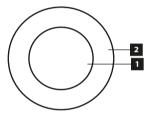
- 1, Ensure the Key lock is deactivated.
- 2, Touch the On/Off Key for 1 second a beep sounds and the cook zone displays become illuminated.
- 3, Touch the required cook zone key, it will start to flash.
- 4, Whilst flashing adjust the cook zone power level as required by using the slider as in fig 1.
- 5, Then either touch the cook zone key again to confirm the setting or after 5-10 seconds the hob will auto set the hob power and will beep and stop flashing.

- 6, To adjust the power setting follow steps 3-5 above.
- 7, Repeat the above as necessary for the other zones

Note: During cooking, the elements will cycle on and off. This is normal.

Dual Zone (If fitted)

Note: The dual zone is where the inner ring of the heating element can be controlled separately.



- 1 COOK ZONE KEY (INNER ONLY)
- 2 CENTRAL DUAL ZONE KEY (INNER & OUTER)

Note; Generic illustration shown above your appliance may visually differ.

To operate the dual cook zone

- Select the appropriate cook zone and set the power level as per the single zone
- Whilst the heater display is still flashing press the central dual zone key, a red LED will illuminate next to the cook zone to indicate it has been activated.
- The power level of the cook zone will stop flashing and the power level is set.

To de-select the dual cook zone

- Touch the cook zone Key, the power level display will start flashing.
- Whilst the power level display is flashing press the centre dual zone key or return the power level to "0" and the red led will disappear and the inner and out elements will be disconnected. i.e. centre element controlled only.

Note: Only the inner ring can be be operated on its own, the outer ring can only be operated with the inner ring, match your pan accordingly.

Switching Off (Individual Cook Zone)

 Touch the required cook zone key until the zone display flashes, now return the power level to 0 using the slider as in fig 1.

Residual Heat Indicators (For Each Cook Zone)

 If the glass surface is hot an "H" will be displayed in the cook zone display until the glass has sufficiently cooled.

Note: "H" and "0" will flash alternatively if the cook zone is hot and another cook zone is in use.

Stop & go (Pause) function

The Pause function allows temporary

- pausing of the cooking process, if the Pause key is touched for more than 120 milliseconds.
- Pause LED blinks, a pause sound is heard and the hob is stopped,
- the heaters actual power settings are stored and all the active heaters power are set to 0,
- the heaters auto switch off time is stopped,
- all the timers running count downs are stopped.
- all keys are locked except the Pause key, and the on / off key,
- the timer displays nothing, and all the heater led's display 0

Cookware

- Cookware made of enamelled steel or with aluminium or copper bottoms can leave discolorations on the ceramic glass surface which are difficult or impossible to remove.
- You can recognise good cookware from the bottoms of the pans. The bottom should be as thick and flat as possible.

Timer (All Cook Zones)

All 5 cooking zones can be operated under the timer independently and at the same time for up to 99 minutes. When the set time expires the timer will beep and the cook zone will switch off automatically.

To Set The Timer To A Cook Zone

- 1, Set the desired power level to the cook zone.
- 2, Whilst the cook zone power level is flashing touch the timer key and the timer will illuminate "00" and two Red Leds will illuminate the first one will be flashing on the timer to indicate the activated timed cook zone and the second one "00." Indicates that the time can be adjusted.
- 3, Set the required time using the up "+" or down "-" keys.
- 4, To adjust the timer whilst in operation follow steps 2 and 3 above.

Note; Once the time has elapsed, touch the timer key to cancel the alarm. When more than one cook zone is being timed, touch the cook zone key to view the timer.

Refered zone	T •	88:	Timer
LED's			•
		└Tin	ner adjust indicator

To cancel the Timer

Either return the time down to zero or switch off the cook zone.

Safety Shut Down

If the power level is not changed for a long period of time the cook zone will automatically turn itself off.

The maximum time a cook zone can stay on depends on the power level.

Power Level	Max Time (Hours)
1	10
2	5
3	5
4	4
5	3
6	2
7	2
8	2
9	1

Trouble Shooting Guide - Ceramic Touch Control Hobs				
There is no power to the hob	The mains switch is not switched on	Ensure that the switch to the appliance is switched on and also check the fuse/circuit breakers to see if you are experiencing power failure		
The hob	The power has been switched off	Check switches and fuses as above		
has turned itself off	The control panel is covered with a cloth or object	Remove any objects and or cloths from the control area		
	The hob has been switched off accidentally	Switch on the hob again after completing the above steps		
Display of F and Letters	If F and letters appear on the display, your unit has detected a fault, follow the required actions in the Error and hob status codes table.	Follow the directions in the Error Codes and Hob Status Codes Section		

ERROR CODES

Appliance errors					
Event that generates the error (Visualization Priority Order)	Description	Heater Display (fore 0.5 sec./ back 0.5 sec)	Effect in the appliance	Normal status recovery	
Microcontroller fault	Microcontroller Internal Error	'FO'	App. off		
On/Off key emitter fault	Security Key Error	'FA'	App. off	When the fault disappears	
On/Off key receiver fault	Security Key Error	'FC'	App. off	When the fault disappears	
User interface temperature sensor short-circuit	Touch NTSC Error	'FE'	App. off	When the fault disappears	
User interface temperature sensor open-circuit	Touch NTc Error	'Ft'	App. off	When the fault disappears	
User interface overtemperature > 96°C	Touch NTc Error, switching off all heaters.	'Fc	App. off	When user interface temperature < 89°C	
EEPROM fault	Eeprom Checksum Error	'FH'	App. off		
Microcontroller A/D converter multiplexer fault	Security Key Error	'FJ'	App. off	When the fault disappears	
Ambient Light fault	Keyboard Error	'FL'	App. off	When satisfactory ambient lighting is detected	
Microcontroller A/D converter conversion fault	Security Key Error	'FU'	App. off	When the fault disappears	

Radiant Heater errors				
Event that generates the error (Visualization Priority Order)	Description	Heater Display (fore 0.5 sec./ back 0.5 sec)	Effect in the appliance	Normal status recovery
Microcontroller fault	Microcontroller Internal Error	'FO'	App. off	
Communication fault	Communication Error	'F5'	Heaters Off	When the fault disappears
Heater control temperature sensor short-circuit	HC NTSC Error	'F3'	Heaters Off	When the fault disappears
Heater control temperature sensor open-circuit	HC NTSC Error	'F4'	Heaters Off	When the fault disappears
Heater control relay fault	HC Relays Failure	'Fr'	Heaters Off	When the fault disappears

CLEANING

ELECTRIC HOB

Ceramic glass hobs

- It is recommended that you clean and wash the hob surface before using for the first time. Apply a thin coat of ceramic hob cleaner to the hob to help maintain and protect it.
- The ceramic hob top can be cleaned using a clean, damp cloth or kitchen paper. Do not use a used dishcloth or sponge as they can leave a film of detergent on the surface which can lead to discoloration. Please ensure that the elements are cooled fully to avoid steam burns.
- You can use a specialist ceramic cleaner to restore the surface, but use sparingly to avoid coating the hob top too thickly. Too much cream cleaner will lead to discolouration. Use a dry, clean cloth to polish the surface.
- For stubborn marks, a specialist hob scraper or cleaner can be used.
- Do not use steam cleaners or highpressure cleaning equipment.
- Regular cleaning will prevent any salts or minerals from accumulating on your hob and discolouring the glass.
- Wipe any spillage as soon as possible.
- Clean the hob top as regularly as possible, this will prevent any build up of grease which may be a fire hazard.
- Foods with high sugar content (toffee, fruit juice, jam, etc.) that boil over while cooking, or spattered sugar stains must be immediately removed using a scraper even if hot.

Notes:

- The edge of the ceramic glass will always appear to be a different colour than the top surface due to the ground safety edge.
- Scratches or dark stains on the ceramic glass that cannot be removed do not affect the function of the appliance.

Safety when Cleaning

 For cleaning, the appliance must be switched off and cooled down.

WARNING! Risk of burns from residual heat.

General information

Installation should only be carried out by a qualified installer or engineer.

Please keep to the following points most carefully;

Although every care has been taken to ensure this appliance has no burrs, or sharp edges, we recommend that you wear protective gloves when installing and moving this appliance. This will prevent injury.

The minimum distances to other appliances and units are to be observed.

Wall surfaces above the work surface and in the immediate vicinity of the cooking hob must be heat resistant.

Laminated surfaces and the adhesive used for fixing them must be heat resistant in order to avoid any damage.

The space for air circulation, located underneath and at the back of the hob improves its reliability by ensuring that it will cool down, efficiently.

Installations should be carried out in line with the National Regulations applicable with this product type.

Note: Avoid installing the appliance next to doors and under windows. This will avoid the potential for hot cookware being knocked off the hob when doors and windows are opened (Risk of burns).

Built-in appliances may only be used after they have been built-into suitable built-in units and surfaces that meet the required standards.

CHOOSING YOUR INSTALLATION

We recommend that you install this appliance in a work top which is a minimum 38mm deep.

The hob can be fitted into a work top less than 38mm deep, but the 25mm gap

between hob base and appliance must be maintained.

Installation above an oven

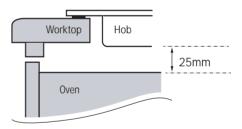
Refer to the manufacturer's instructions for clearances above the oven.

We recommend a 25mm gap between the bottom of the hob and appliance.

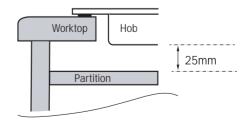
Installation above a unit with a drawer or door

The base of the appliance must be protected from damage e.g. draws may only be installed providing a partition panel is fitted to the required dimensions underneath the appliance.

INSTALLATION ABOVE AN OVEN



INSTALLATION ABOVE A UNIT WITH A DRAWER OR DOOR



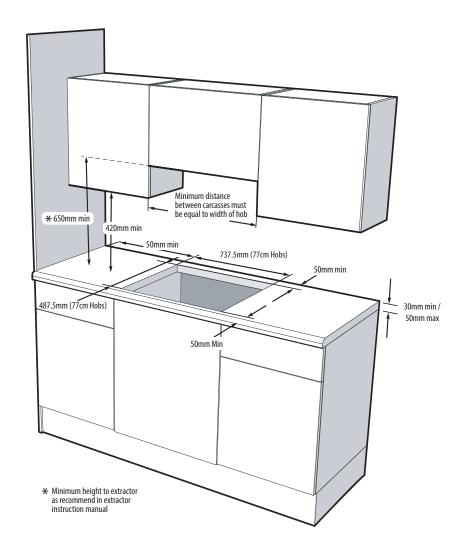
Clearances and dimension – requirements

No shelf or overhang of combustible material should be closer than 650mm above the hob.

There must be a minimum clearance of 50mm between the edges of the hob and any side walls; this clearance must be maintained up to 420mm above the worktop.

There must be a minimum clearance of 50mm between the rear edge of the hob and the rear wall. This clearance must be maintained up to 650mm above the worktop.

When installing an extractor hood above the hob, refer to their Manufacturer's instructions.



Fitting into worktop

Cut a hole in the work surface to the required size. The worktop must be of heat-resistant material or covered with heat-resistant material.

Protecting the cut-out;

The types of chipboard used for work surfaces swell relatively quickly in contact with humidity.

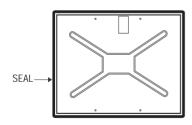
Apply a suitable sealant to the cut edge to protect it from moisture ingress.

This hob can be installed conventionally (glass above the work top) or recessed into the work top for a flush fit.

Self adhesive seal

Apply the self adhesive seal to the underside edges of the hob glass. For best results, the seal should be adhered along each side in turn, as close to the edge as possible, and trimmed at each corner, taking care to ensure a neat join.

UNDERSIDE OF HOB



Conventional Installation

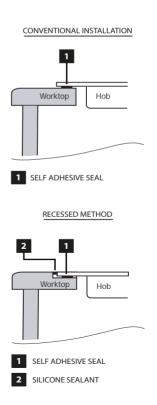
Refer to the installation bracket advice to determine your installation type. Place the hob in the aperture, checking the hob glass is covering the work top along all four sides.

Set the front edge of the appliance parallel with the front of the work top. Locate and attach the securing clamps as required, Tighten the screws so that the hob is pulled down firmly against the worktop, thus ensuring a good seal.

Recessed Method

Recess the work top to the appropriate depth (Approx 5mm) and shape to fit the hob (add 1mm to overall glass size). Refer to the installation bracket advice to determine your installation type. Insert the hob into the recess, ensuring that the foam seal is sitting correctly. Locate and attach the securing clamps as required, Tighten the screws so that the hob is pulled down firmly against the worktop, thus ensuring a good seal. You may want to fill any gap between the hob top glass and the work top surface with silicone sealant.

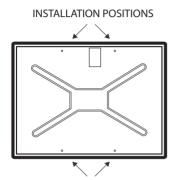
DO NOT fit silicone sealant under the glass hob instead of the self adhesive seal.



Installation Bracket Advice

Secure the hob to the worktop by means of the brackets provided, taking the thickness of the worktop into account.

UNDERSIDE OF HOB



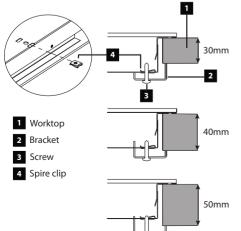
INSTALLATION POSITIONS

Depending on your appliance it will be supplied with one of the following installation packs;

Installation pack 1

- 4 x "U" shape installation brackets
- 4 x Spire clips
- 4 x No8 Screws

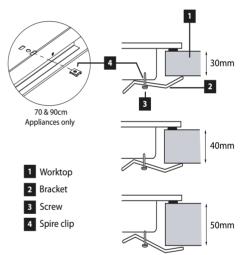
The spire clips must be fitted to the base of the hob prior to fitting the installation brackets.



Installation pack 2

- 4 x Cranked installation bracket
- 4 x Spire clips (70/77/90cm appliances only)
- 4 x No8 Screws

Depending on your appliance the cranked bracket may or may not require the spire clips detailed in pack 1. If your appliance is not supplied with spire clips, the installation brackets screw directly into the base of the hob in the ported holes provided.



Important;

Do not modify this appliance.

CONNECT TO THE ELECTRICITY SUPPLY

WARNING: This appliance must be earthed. Only connect to the electrical mains terminal with the power switched off. The electrical mains terminal is live.

Follow the terminal block connection schematic

Loose and inappropriate connections can make the terminal overheat.

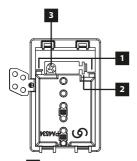
Ensure the cable clamp is fitted correctly and securely.

A device must be provided in the electrical installation which allows the appliance to be disconnected from the mains at all poles with a contact opening of at least 3mm.

We recommend that the appliance is connected by a competent person who is a member of a "Competent Person Scheme" who will comply with the required local regulations.

Connection should be made with a suitable cable.

 Firstly open the terminal block cover using a small flat bladed screwdriver in the door release tabs shown below.



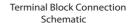
- 1 Door release tab
- 2 Cable clamp ratchet
- 3 Cable clamp screw

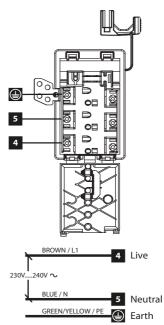
 Remove the cable clamp screw and release the cable clamp retaining arm.

Note:

The cable clamp has a ratchet type mechanism on the right hand side of the retaining arm.

 Strip the wires & connect to the terminal block as appropriate:-





- Fit the cable clamp & secure with the screw provided.
- Close the terminal box, ensuring that the cover is closed and all screws are tight and in place.

Important: Ensure that you route all mains electrical cables well away from any adjacent heat source, such as the base of the hob an oven or grill.

TECHNICAL DATA

SUPPLY: 220 -240V ~ 50Hz 5.04kW - 8.2kW

Refer to the data badge on the under side of your hob for specific power rating of your model

This appliance conforms to European Directive 2009/125/EC regarding Eco design requirements for energy-related products

Your guarantee

Product Guarantee Details (UK only)

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 alternations 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 rights)

What to do if you need to report a problem-

Please ensure you have ready:

- The product's model & serial numbers
- Howdens Proof of Purchase document
- Your full contact details



Call the Service Line on 0845 00 60 006

If supplied, please stick your self adhesive product rating plate here, or make a note of the product serial number below in the box below for future reference.	
Serial Number :	



