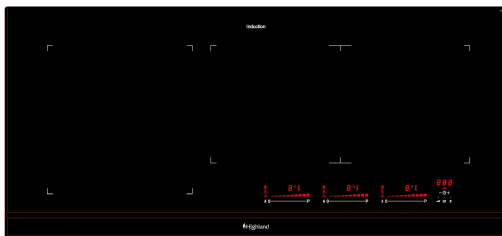
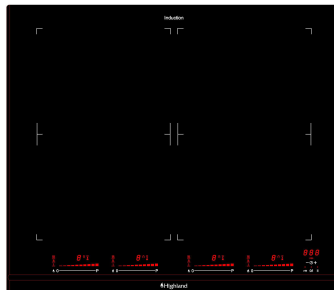


USE AND CARE

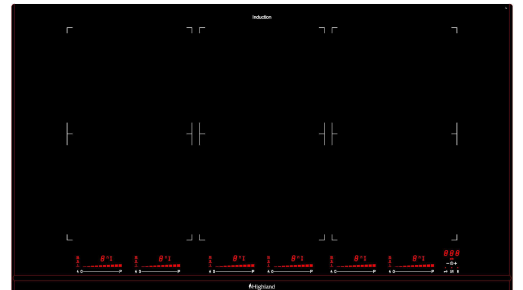
INDUCTION COOKTOPS



HT3IFC



HP4IFC



HP6IFC

 **Highland**TM
// SERIOUS ABOUT COOKING

Dear customer,

Congratulations on your purchase of a Highland induction ceramic hob.

In order to make the best use of your appliance, please carefully read the following use and care manual and keep it for later reference.

SUMMARY

SAFETY	3
PRECAUTIONS BEFORE USING	3
USING THE APPLIANCE	3
PRECAUTIONS NOT TO DAMAGE THE APPLIANCE	4
PRECAUTIONS IN CASE OF APPLIANCE FAILURE	4
OTHER PROTECTIONS	4
DESCRIPTION OF THE APPLIANCE	5
TECHNICAL CHARACTERISTICS	5
CONTROL PANEL	5
USE OF THE APPLIANCE	6
DISPLAY	6
VENTILATION	6
STARTING-UP AND APPLIANCE MANAGEMENT	6
BEFORE THE FIRST USE	6
INDUCTION PRINCIPLE	6
SENSITIVE TOUCH	6
POWER SELECTION ZONE "SLIDER" AND TIMER SETTING ZONE	7
STARTING-UP	7
PAN DETECTION	7
RESIDUAL HEAT INDICATION	8
BOOSTER FUNCTION	8
TIMER	8
AUTOMATIC COOKING	9
STOP&GO FUNCTION	10
RECALL FUNCTION	10
« KEEP WARM » FUNCTION	10
COOKING ADVICES	11
PAN QUALITY	11
PAN DIMENSION	11
EXAMPLES OF COOKING POWER SETTING	12
MAINTENANCE AND CLEANING	12
WHAT TO DO IN CASE OF A PROBLEM	12
ENVIRONMENT PRESERVATION	13
INSTALLATION INSTRUCTIONS	13
ELECTRICAL CONNECTION	14

SAFETY

Precautions before using

- Unpack all the materials.
- The installation and connection of the appliance must be done by approved and qualified specialists. The manufacturer cannot be responsible for damage caused by installation or connection errors.
- When used, the appliance must be correctly installed in a kitchen unit and an adapted and approved work surface.
- This domestic appliance is exclusively for the cooking of food, to the exclusion of any other domestic, commercial or industrial use.
- Remove all labels and self-adhesives from the ceramic glass.
- Do not change or alter the appliance.
- The cooking plate cannot be used as freestanding unit or as a working surface.
- The appliance must be grounded and connected in compliance with local standards.
- Do not use any extension cable to connect the hob.
- The appliance cannot be used above a dishwasher or a tumble-dryer: steam may damage the electronic appliances.

Using the appliance

- Switch the heating zones off after use.
- Keep an eye on the hob when cooking with grease or oils as they may quickly ignite.
- Be careful not to burn yourself during or after using the appliance.
- Make sure no cable of any fixed or moving appliance makes contact with the glass or the hot saucepan.
- Magnetic objects (credit cards, floppy disks, calculators) should not be placed near the appliance when in use.
- Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface as they can get hot.
- In general, do not place any metallic object except heating containers on the glass surface. In case of untimely activation or residual heat, they may heat, melt or even burn.
- Never cover the appliance with a cloth or a protection sheet. This may become very hot and catch fire.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended to be operated by means of an external timer or separate remote-control system.

Precautions not to damage the appliance

- Raw pan bottoms or damaged saucepans (not enamelled cast iron pots) may damage ceramic glass.
- Sand or other abrasive materials may damage ceramic glass.
- Avoid dropping objects, even little ones, on the vitroceramic.
- Do not hit the edges of the glass with saucepans.
- Make sure that the ventilation of the appliance is in accordance with the manufacturer's instructions.
- Do not put or leave empty saucepans on the vitroceramic hobs.
- Sugar, synthetic materials or aluminium sheets must not come into contact with the heating zones. These may break or damage the vitroceramic glass when cooling: switch on the appliance and take them immediately out of the hot heating zone (be careful not to burn yourself).
- Never place any hot container over the control panel.
- If a drawer is situated under the installed appliance, make sure the space between the contents of the drawer and the base of the appliance is large: at least (2 cm). This is essential to guarantee correct ventilation.
- Never put flammable objects (ex. sprays) into the drawer under the vitroceramic hob. Cutlery drawers must be resistant to heat.

Precautions in case of appliance failure

- If a defect is noticed, switch off the appliance and turn off the electrical supply.
- If the ceramic glass is cracked or fissured, you must unplug the appliance and contact after sales service.
- Servicing must be done by specialists. Do not open the appliance by yourself.
- **WARNING:** If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
- **If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or similarly qualified person in order to avoid a hazard.**

Other protections

- Ensure that the pot or pan is always centred on the cooking zone. The bottom of the pan must cover as much of the cooking zone as possible.
- For the users of pacemaker, the magnetic field could influence its operating. We recommend discussing this with the retailer or a doctor.
- Do not to use aluminium or synthetic material containers: they could melt on cooking zones that are still hot.



**DO NOT USE INTERMEDIATE REMOVABLE ACCESSORIES TO HEAT
PANS WHICH ARE NOT ADAPTED TO INDUCTION.
THIS RISKS BURNS AND DETERIORATION OF THE HOB.**



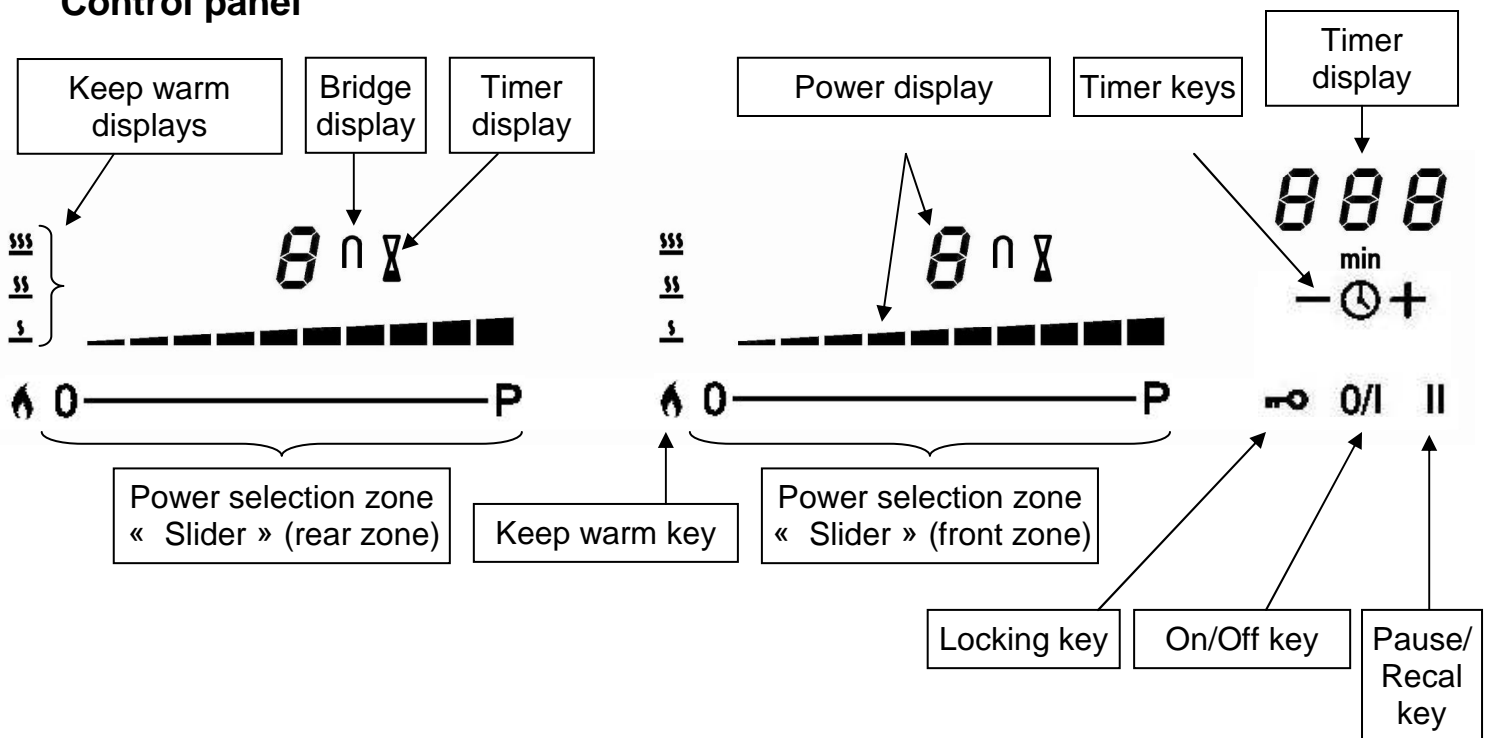
DESCRIPTION OF THE APPLIANCE

Technical characteristics

Type	Total Power	Position of the heating zone	Dimension	Nominal Power*	1 st Booster Power*	2 nd Booster Power*	Minimal pan detection
HT3IFC	7400 W	Left Centre Right	Ø260 mm 220x180 mm 220x180 mm	2600 W 2100 W 2100 W	3300 W 2600 W 2600 W	3700 W 3700 W 3700 W	120 mm 100 mm 100 mm
HP4IFC	7400 W	4 zones	220x180 mm	2100 W	2600 W	3700 W	100 mm
HP6IFC	11100 W	6 zones	220x180 mm	2100 W	2600 W	3700 W	100 mm

* The given power may change according to the dimensions and material of the pan.

Control panel



USE OF THE APPLIANCE

Display

<u>Display</u>	<u>Designation</u>	<u>Description</u>
0	Zero	The heating zone is activated.
1...9	Power level	Selection of the cooking level.
<u>U</u>	No pan detection	No pan or inadequate pan.
A	Heat accelerator	Automatic cooking.
E	Error message	Electronic failure.
H	Residual heat	The heating zone is hot.
P	1 st Booster	The 1 st Booster is activated.
„ //	2 nd Booster	The 2 nd Booster is activated.
U	Keep warm	Maintain automatically of 42, 70 or 94°C.
II	Stop&Go	The hob is in pause.

Ventilation

The cooling system is fully automatic. The cooling fan starts with a low speed. The ventilation starts with a high speed when the hob is intensively used. The cooling fan reduces speed and stops automatically when the electronic circuit is cooled.

STARTING-UP AND APPLIANCE MANAGEMENT

Before the first use

Clean your hob with a damp cloth and dry the surface thoroughly. Do not use detergent which risks causing blue-tinted colour on the glass surface.

Induction principle

An induction coil is located under each heating zone. When it is engaged, it produces a variable electromagnetic field which produces inductive currents in the ferromagnetic bottom plate of the pan. The result is a heating-up of the pan located on the heating zone.

Of course the pan has to be magnetic:

- All ferromagnetic pans are recommended (please verify by using a small magnet): cast iron and steel pans, enamelled pans, stainless-steel pans with ferromagnetic bottoms.
- Exclusions: copper, pure stainless-steel, aluminium, glass, wood, ceramic, stoneware.

The induction heating zone adapts automatically to the size of the pan. If the diameter is too small, the pan doesn't work. This diameter will vary the function of the heating zone diameter. If the pan is not adapted to the induction hob the display will show [U].

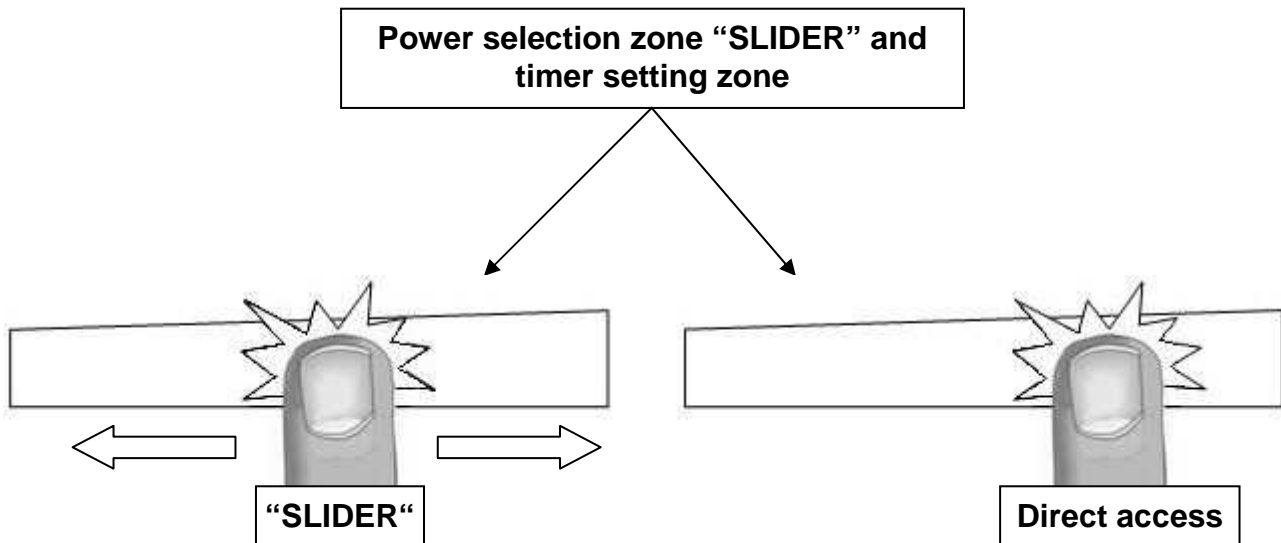
Sensitive touch

Your ceramic hob is equipped with electronic controls with sensitive touch keys. When your finger presses the key, the corresponding command is activated. This activation is validated by a control light, a letter or a number in the display and/or a “beep” sound.

In the case of a general use press only one key at a time.

Power selection zone “SLIDER” and timer setting zone

To select the power with the slider, slide your finger on the “SLIDER” zone. You can directly access if you put your finger directly on the chosen level.



Starting-up

- **Start up / switch off the hob:**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
To start	press key [0/I]	[0]
To stop	press key [0/I]	nothing or [H]

- **Start up / switch off a heating zone:**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
To set (adjust the power)	slide on the "SLIDER" to the right or to the left	[1] to [P]
To stop	slide to [0] on "SLIDER"	[0] or [H]

If no action is made within 20 second the electronics return to the waiting position.

Pan detection

The pan detection ensures perfect performance. The induction will not work if:

- There is no pan on the heating zone or if this pan is not adapted to the induction. In this case it is impossible to increase the power and the display shows [U]. This symbol disappears when a pan is put on the heating zone that is compatible.
- The pan is removed from the heating zone the operation is stopped. The display shows [U]. The symbol [U] disappears when the pan is put back to the heating zone. The cooking continues with the power level set before.

After use, switch the heat element off : don't leave the pan detection [U] active.

Residual heat indication

After the heating zone is turned off, or the complete stop of the hob, the heating zones are still hot and indicates [H] on the display.

The symbol [H] disappears when the heating zones may be touched without danger.

When the residual heat indicators are on, don't touch the heating zones and don't put any heat sensitive object on them. **There are risks of burn and fire.**

Booster function

The Booster function [P] and the Double Booster [„ ‐] grants a boost of power to the selected heating zone.

If this function is activated the heating zones work for 10 minutes with an ultra high power.

Booster is needed for example to heat up large quantities of water rapidly, like for noodles

- **Start up / Stop the booster function:**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Start up the Booster	Slide to the end of the "SLIDER" Or press directly on the end of the "SLIDER"	[P]
Stop the Booster	Slide on the "SLIDER"	[9] to [0]

- **Start up / Stop the double booster function:**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Start up the Booster	Slide to the end of the "SLIDER" Or press directly on the end of the "SLIDER"	[P]
Start up Double Booster	Re-press key [P]	[„ ‐ and P]
Stop the Double Booster	Slide on the "SLIDER"	[P] to [0]
Stop Booster	Slide on the "SLIDER"	[9] to [0]

- **Power management:**

The whole cooking hob is activated with a maximum limit of power. When the booster function is activated, and in order to exceed the maximum power, the electronic system reduces the power level of other heating zones. The display will blink on [9] for a few seconds and then shows the maximum of power allowed :

<u>Heating zone selected</u> [P] is displayed	<u>The other heating zone:</u> (example: power level 9) [9] goes to [6] or [8] depending the type of zone
--	--

Timer

The timer is able to be used simultaneously with all heating zones with different time settings (from 0 to 999 minutes) for each heating zone.

- **Setting and modification of the cooking time :**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Select the power level	slide on the "SLIDER"	[1] to [P]
Select the Timer	Press simultaneously key [-] and [+] from the timer until the desired display is on	Timer display on
Decrease the time	Press key [-] from the timer	[60] to 59, 58...
Increase the time	Press key [+] from the timer	Time increase

After a few seconds, the [min] display stops with blinking.

The time is confirmed and the timer starts.

- **To stop the cooking time:**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Select the Timer	Press simultaneously key [-] and [+] from the timer until the desired display is on	Timer display on
Stop the time	Press key [-] from the timer	[000]

If several timers are activated, repeat the process.

- **Egg timer function :**

Egg timer is an independent function. It stops as soon as a heating zone starts up. If the egg timer is on and the hob is switched off, the timer continues until time runs out.

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Activate the hob	press display [0/I]	[0]
Select the Timer	Press simultaneously key [-] and [+] from the timer	[000]
Decrease the time	Press key [-] from the timer	[60] to 59, 58...
Increase the time	Press key [+] from the timer	Time increase

After a few seconds, the [min] display stops with blinking. The time is confirmed and the timer starts.

- **Automatic stop at the end of the cooking time:**

As soon as the selected cooking time is finished the timer display blinks [000] and a sound rings. To stop the sound and the blinking, press the key [-] and [+].

Automatic cooking

All the cooking zones are equipped with an automatic cooking device. The cooking zone starts at full power for a certain time, and will then reduce automatically the power on the pre-selected level.

- **Start-up :**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Power level selection (for example « 7 »)	slide on the "SLIDER" to [7] and hold 3s	[7] is blinking with [A]

- **Switching off the automatic cooking :**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Power level selection	slide on the "SLIDER"	[0] to [9]

Stop&Go function

This function stops all the hob's cooking temporarily and then allows restarting with the same settings.

- **Start up/stop the pause function :**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Engage pause	press [II]	[II] and control light on
Stop the pause	press [II] Press on the animated "slider"	"Slider" animated previous settings

Recall Function

After switching off the hob [0/I], it is possible to recall the last settings.

- cooking stages of all cooking zones (Booster)
- minutes and seconds of programmed cooking zone-related timers
- Keep warm function

The recall procedure is following:








- Press the key [0/I]
- Then press [II] before the light stops blinking.

The previous settings are again active.

« Keep warm » Function

This function allows liquids to reach and maintain automatically a temperature of 42°C or 70°C. This will avoid liquids overflowing and fast burning the bottom of the pan.




- **To engage, to start the function « Keep warm » :**

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
42°C to engage	Press once on key []	[U] and []
70°C to engage	Press twice on key []	[U] and []
94°C to engage	Press 3 times on key []	[U] and []
To stop	Slide on the "SLIDER" or press key [] until [0]	[0] to [9] [0]

The maximum duration on keep warm is 2 hours.



Bridge Function

This function allows you to use 2 cooking zones at same time with the same features as a single cooking zone. The booster function isn't allowed.

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Activate the hob	Press display [0/I]	[0]
Activate the bridge	Press simultaneously on [] of the 2 cooking zones	[0] and []
Increase bridge	Slide on the "SLIDER" witch indicates the power	[1] to [9]
Stop the bridge	Press simultaneously on [] of the 2 cooking zones	[0]

Control panel locking

To avoid the activation of the cooking zones, in particular during cleaning, the control panel can be locked (with exception to the On/Off key [0/I]).

<u>Action</u>	<u>Control panel</u>	<u>Display</u>
Locking the hob	Press [] during 6s	locking light on
Unlock the hob	Press [] during 6s	locking light off

COOKING ADVICE

Pan quality

Accepted materials : steel, enamelled steel, cast iron, ferromagnetic stainless-steel, aluminium with ferromagnetic bottom.

Not accepted materials : aluminium and stainless-steel without ferromagnetic bottom, copper, brass, glass, ceramic, porcelain.

The manufacturers specify if their products are compatible induction.

To check if pans are compatible :

- Put a little water in a pan placed on an induction heating zone set at level [9]. This water must heat in a few seconds.
- A magnet sticks on the bottom of the pan.

Certain pans can make noise when they are placed on an induction cooking zone. This noise doesn't mean any failure on the appliance and doesn't influence the cooking operating.


Pan dimension

The cooking zones are, up to a certain limit, automatically adapted to the diameter of the pan. However the bottom of this pan must have a minimum of diameter according to the corresponding cooking zone.

To obtain the best efficiency of your hob, please place the pan in the centre of the cooking zone.

Examples of cooking power setting

(the values below are indicative)

1 to 2	Melting Reheating	Sauces, butter, chocolate, gelatine Dishes prepared beforehand
2 to 3	Simmering Defrosting	Rice, pudding, sugar syrup Dried vegetables, fish, frozen products
3 to 4	Steam	Vegetables, fish, meat
4 to 5	Water	Steamed potatoes, soups, pasta, fresh vegetables
6 to 7	Medium cooking Simmering	Meat, liver, eggs, sausages Goulash, roulade, tripe
7 to 8	Cooking	Potatoes, fritters, wafers
9	Frying, roasting Boiling water	Steaks, omelettes, fried dishes Water
P and 	Frying, roasting Boiling water	scallops, steaks Boiling significant quantities of water

MAINTENANCE AND CLEANING

Switch-off the appliance before cleaning.

Do not clean the hob if the glass is too hot because there is a **risk of burn**.

- Remove light marks with a damp cloth with washing up liquid diluted in a little water. Then rinse with cold water and dry the surface thoroughly.
- Highly corrosive or abrasive detergents and cleaning equipment likely to cause scratches must absolutely be avoided.
- Do not ever use any steam-driven or pressure appliance.
- Do not use any object that may scratch the ceramic glass.
- Ensure that the pan is dry and clean. Ensure that there are no grains of dust on your ceramic hob or on the pan. Sliding rough saucepans will scratch the surface.
- Spillages of sugar, jam, jelly, etc. must be removed immediately. This will prevent the surface being damaged.
- Do not use a steam cleaner to clean the appliance.

WHAT TO DO IN CASE OF A PROBLEM

The hob or the cooking zone doesn't start-up :

- The hob is badly connected on the electrical network.
- The protection fuse cut-off.
- The locking function is activated.
- The sensitive keys are covered with grease or water.
- An object is put on a key.

The control panel displays [U]:

- There is no pan on the cooking zone.
- The pan is not compatible with induction.
- The bottom diameter of the pan is too small.

The control panel displays [E] :

- The electronic system is defective.
- Disconnect and replug the hob.

One or all cooking zone cut-off :

- The safety system has actioned.
- You forgot to cut-off the cooking zone for a long period of time.
- One or more sensitive keys are covered.
- The pan is empty and its bottom overheated.
- The hob also has an automatic reduction Booster level to avoid overheating

Continuous ventilation after cutting off the hob :

- This is not a failure, the fan continuous to protect the electronic device.
- The fan cooling stops automatically.

The automatic cooking system doesn't start-up :

- The cooking zone is still hot [H].
- The highest Booster level is set [9].

The control panel displays [U] :

- Refer to the section "Keep warm".

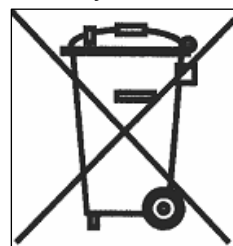
The control panel displays [II] :

- Refer to the section "Stop&Go".

ENVIRONMENT PRESERVATION

- The packing materials are ecological and recyclable.
- The electronic appliances are composed of recyclable, and sometimes harmful materials for the environment, but are necessary for the good running and the safety of the appliance.

- Don't throw your appliance out with the household refuses
 - Get in touch with the waste collection centre that specialises in the recycling of the household appliances.



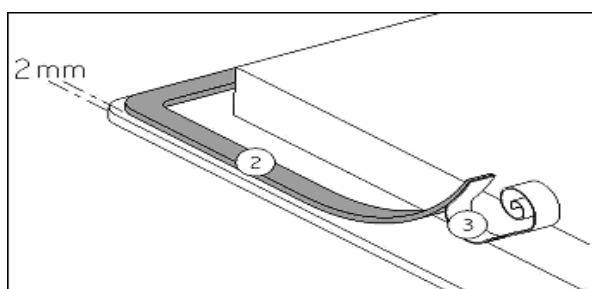
INSTALLATION INSTRUCTIONS

The installation comes under the exclusive responsibility of service.

The installer must respect the legislation and the standards enforce in his home country.

How to stick the gasket:

The gasket supplied with the hob avoids all infiltration of liquids in the cabinet. Installation has to be done carefully, in conformity of the following drawing.



Stick the gasket (2) two millimeters from the external edge of the glass, after removing the protection sheet (3).

Fitting - installing:

- **The cut out sizes are:**

Reference	Cut-size
HT3IFC	800 x 330 mm
HP4IFC	560 x 490 mm
HP6IFC	750 x 490 mm

- **Ensure that there is a distance of 50 mm between the hob and the wall or sides.**
- The hobs are classified as “Y” class for heat protection. Ideally the hob should be installed with plenty of space on either side. There may be a wall at the rear and tall units or a wall at one side. **On the other side, however, no unit or divider must stand higher than the hob.**
- The bench top or the support in which the hob is to be fitted, as well as the edges of furniture, the laminate coatings and the glue used to fix them, must be able to resist temperatures of up to 100 °C.
- The mural rods of edge must be heat-resistant.
- Do not install the hob to the top of a non-ventilated oven or a dishwasher.
- The underside of the hob has a casing **space of 20 mm** to ensure a good air circulation of the electronic device.
- If a drawer is placed under the unit, do not put flammable objects (for example: sprays) or not heat-resistant objects inside.
- To protect the cut out edge, apply a coat of varnish or special sealant. Particular care must be given to applying the adhesive joint supplied with the hob to prevent any leakage into the supporting furniture. This gasket guarantees a correct seal when used in conjunction with smooth work top surfaces.
- The safety gap between the hob and the cooker hood placed above must follow the guidelines of the hood manufacturer. In case of absence of instructions, respect a distance minimum of 760 mm.
- The connection cord should have no mechanical constraint, for example, from the action of the drawer.

ELECTRICAL CONNECTION

- The installation of this appliance and the connection to the electrical network should be entrusted only to an electrician following the normal regulations.
- Protection against the parts under tension must be ensured after the building-in.
- The information on connections necessary are on the stickers. Place them on the hob casing near the connection box.
- Connection to the mains must be made using an earthed plug, which must be accessible after installation, or via an omnipolar circuit breaking device with a contact opening of at least 3 mm.
- The electrical circuit must be separated from the network by adapted devices, for example: circuit breakers, fuses or contactors.
- If the appliance is not fitted with an accessible plug, a disconnecting means must be incorporated in the fixed installation, in accordance with the installation regulations.
- The inlet hose must be positioned so that it does not touch any of the hot parts of the hob or oven.

Caution!

This appliance must only be connected to a 230 V~ 50/60 Hz network.

Connect the earth wire.

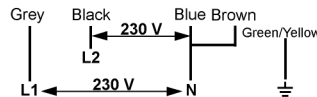
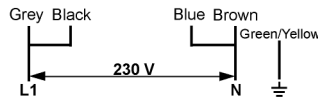
Respect the connection diagram.

The connection box is located underneath at the back of the hob casing. To open the cover, use a medium screwdriver. Place it in the slits and open the cover.

CONNECTION OF THE HOB FOR HT3IFC

Mains	Connection	Cable diameter	Cable	Protection calibre
230V~ 50/60Hz	1 Phase + N	5 x 1.5 mm ²	H 05 V2V2 – F*	40 A
400V~ 50/60Hz	2 Phases + N	5 x 1.5 mm ²	H 05 V2V2 – F*	25 A

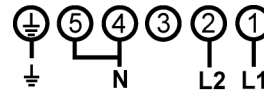
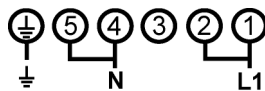
* minimum cable thermal rating: 90°C



CONNECTION OF THE HOB FOR HP4IFC

Mains	Connection	Cable diameter	Cable	Protection calibre
230V~ 50/60Hz	1 Phase + N	3 x 2,5 mm ²	H 05 VV - F H 05 RR - F	25 A *
400V~ 50/60Hz	2 Phases + N	4 x 1.5 mm ²	H 05 VV - F H 05 RR - F	16 A *

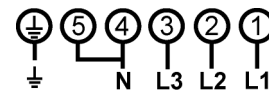
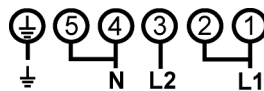
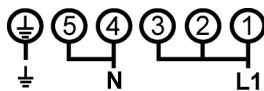
* calculated with the simultaneous factor following the standard EN 60 335-2-6/1990



CONNECTION OF THE HOB FOR HP6IFC

Mains	Connection	Cable diameter	Cable	Protection calibre
230V~ 50/60Hz	1 Phase + N	3 x 4 mm ²	H 05 VV - F H 05 RR - F	40 A *
400V~ 50/60Hz	2 Phases + N	4 x 2.5 mm ²	H 05 VV - F H 05 RR - F	25 A *
400V~ 50/60Hz	3 Phases + N	5 x 1.5 mm ²	H 05 VV - F H 05 RR - F	16 A *

* calculated with the simultaneous factor following the standard EN 60 335-2-6/1990



Caution! Be careful that the cables are correctly engaged and tightened.

We cannot be held responsible for any incident resulting from incorrect connection or which could arise from the use of an appliance which has not been earthed or has been equipped with a faulty earth connection.

