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USER MANUAL

ART29205

60cm 3 Zone Induction Hob



GB IE

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The manufacturer declares that this product meets all the essential requirements for low voltage electrical material set out in European directive 2006/95/EEC of 12 December 2006 and for electromagnetic compatibility as required by European directive 2004/108/EEC of 15 December 2004.

Operating Principle (Fig. 1)

It exploits the electromagnetic properties of most cooking vessels.

The coil (inductor) which produces the electromagnetic field is operated and controlled by the electronic circuit.

The heat is transmitted to food by the cooking vessel itself.

The cooking process takes place as described below.

- loss of heat is minimum (high efficiency)
- the system stops automatically when the vessel is removed or even just lifted from the hob
- the electronic circuit guarantees maximum flexibility and fine adjustments.

(Fig. 1)

- 1 vessel
- 2 induced current
- 3 magnetic field
- 4 inductor
- 5 electronic circuit
- 6 power supply

User's Instructions (Fig. 2)

- 1 Power ON / Power OFF
- 2 Slider sensor
- 3 Power key
- 4 Lock key
- 5 ON/OFF LED
- 6 Slider LED
- 7 Lock LED
- 8 Heating zone and setting display
- 9 Timer indicator zone
- 10 Timer

Installation

All operations relative to installation (electric connection) should be carried out by skilled personnel in conformity with the rules in force. As for the specific instructions see part pertaining to installer.

Functionality Slider TC:

Slider: sensor technology of the novel Slider TC allows as well an

adjustment of the cooking levels (1 – 9) as the timer value (1-99) by touching and pulling the finger over the designated area. Pulling to the right is increasing and to the left is decreasing accordingly value.

Moreover a direct selection of the designated value is also possible on the slider area.

ON/OFF Touch Control

After connecting to the mains the TC unit takes 1 second to prepare for operation. After a reset all displays and LEDs flashes up for 1 second. After 1 second all displays and LEDs are switched off again.

The TC unit may now be switched ON by pressing the ON/OFF key "1". Displays show a steady "0". Possible optic warnings for hot cooking zones [H] are displayed in alternation with [0] and the synchronously display dot. The display dots on the cook top displays flashes up every second (0.5 sec.off, 0.5 sec. on). Electronics remains activated for 20 seconds. If there is no cooking level or timer selection done in this period the electronics automatically resets to the Off-mode by releasing a signal tone.

The TC may only be switched on by pressing the power key as sole input in case of an other key is pressed (single or in parallel with the power key), the control unit is not switched on.

In case of an active "Child Lock Function" when switching POWER ON, all cooking zone displays show "L" for LOCKED. Possible optic warnings for hot cooking zones [H] are displayed in alternation with [L] (H-ON= 0.5 sec; L-ON = 1.5sec).

By pressing the ON/OFF key "1" of the control unit in ON-Mode, the Touch Control may be switched off at any time. This is also applicable for locked control units (active child lock). The ON/OFF key takes always priority with the POWER-OFF function.

Automatic Switch Off

The TC switches from Power ON to OFF after 20 sec., provided that no cooking zone is activated or a select key is pressed during that time.

In case of a selected cooking zone (with cooking stage is "0") this Auto Power off time is composed of a 10 sec deselection time and 10 sec Power off time.

ON/OFF Cooking Zone

In case of On-state of the TC a cooking zone may be selected by touching the dedicated display (Select-Sensors "8"). The respective display changes to a steady display dot and "0" instead of "H" – in case of a hot cooking zone-. On all other cooking zone displays the dot expires.

That followed a cooking level may be set by using the Slider area. Thus switches the respective cooking zone on. End stops are „9“ (right side) and „0“ (left side).

First place the pan in the chosen cooking zone. If the pan is not present the system cannot be switched on the correspondent zone.



Switching Off a single cooking zone:

A single cooking zone may be switched off by selecting and setting cooking level to [0]. In case of an optic warning for hot cooking zones [H] this is displayed in alternation with [0] and the synchronously display dot.

After the TC is switched Off the display remains black

respectively [H] is displayed for an optic warning for hot cooking zone.

Switching Off all cooking zones:

Immediately switching off all cooking zones is always possible by using the ON/OFF key.[H] possibly appears on all hot cooking zones . All other cooking zone displays remain black.

Power Stages

The power of the cooking zone is adjustable in 9 different stages; the respective stage is displayed ([1“] to [9]) via LED-seven-segment-displays.

Automatic Parboiling (selectable)



When Automatic parboiling is activated, the power of the cooking zone is switched to 100 % for a period of time depending on the selected onboiling stage. As soon as the parboiling time is over, the preselected onboiling stage is valid again.

Procedure to start Automatic parboiling:

The control unit is switched on and a cooking zone is selected.

After setting cooking stage “9“ Automatic parboiling is activated by pressing at the right slider sensor. “A“ appears on the display immediately.

Now the required onboiling stage is selected via Slider area . The “A“ symbol appears after 3 sec upon releasing the key - alternating with the onboiling stage (500 msec „A“ and 1.5 sec onboiling stage).

The onboiling stage may be changed within 15 sec after activation without switching off the parboiling boost. Therefore, the cooking zone is to be selected and the relevant cooking zone is to be set afterwards.

In case of a selection after 15 sec a lower cooking stage may be set; automatic onboiling is switched of.

a higher onboiling stage may be selected; this leads to the parboiling time being automatically brought in line with the currently selected onboiling stage

Power function

After selection of a respective cooking zone, the power function can be selected directly via the power function key “3“. By means of this function certain cooking zones are enabled to receive power over the nominal. If the desired cooking zone has the capacity to activate the booster, the display shows a “P“ symbol. The boosting time is limited to 8 min to protect cooking utensils. After the booster is switched off automatically, the cooking zone continues operation on power level “9“. The booster can be reactivated after some minutes.

In case that the pan is removed from the cooking zone during boosting, the boosting function remains active and boosting time continues.

Residual Heat

The determination of how long a cooking zone has residual heat after operation and switch off – which may lead to burnings when contacting – is calculated.

Status is calculated depending on:

Selected power stage („0“ bis „9“)

On/Off Time of the Relays

The residual heat indication of each cooking zone remains activated until the calculated temperature is smaller than + 60 °C.

Automatic Switch-off (Operating Time Limitation)

For each activated cooking zone a max. operating time is defined. The max. operating time is depending on the selected cooking stage. After the expiration of the max. operating time the cooking zone is automatically switched off.

Each actuation of the cooking zone status (changing the cooking level etc.) resets the count-down timer to the initial starting value.

Timer settings takes priority vs. operating time limitations for high cooking stage setting.

Protection against unintentional activation

The electronic system cuts off automatically in case of an identified permanent use of keys for about 10 seconds. The control unit releases an audible signal for 10 sec of the malfunction (period: 1000 msec, 500 msec ON) and the error code “E R 0 3“ flashes on the display (0.5 s ON 0.5s OFF). If the permanent actuation exceeds 10sec, alone the error code “ER 03“ keeps flashing as long as the malfunction occurs and is identified as such. In case the cooking zone is at stage “hot“ the [H] symbol alternates with the error code (0.5 sec Symbol 0.5 sec “H“).

Water sprinkled on the glass surface does not always lead to a key actuation and cannot be surely detected. (After wiping the glass covering the keys, all keys are ready for operation in no time).

If no cooking zone is activated within 20 sec after pressing POWER ON, the control unit is reset to Off-mode (black displays).

Key Lock (Optional)

The actuation of the key lock key “4“ in the wait or active mode locks the keyboard and the assigned key-lock LED “7“ is statically illuminated. Here, the actuation times of the key-lock key have to be taken into account. The control continues to work in the set mode, but may no longer be operated with any key, except the key-lock key itself or the on/off key “1“.

The switching OFF with the on/off key “1“ is also possible in the locked condition. The assigned key-lock LED “7“ fades when switching off the control The key-lock function included LED is active again when switching on (in wait mode 10 s) until this is deactivated by a repeated actuation of the key-lock key. The activation/deactivation of the key-lock function in the off mode is not possible.

When programmed timers expire the respective timer alarms may be confirmed by actuating any key without needing to unlock the control.

The repeated actuation of the key-lock key in the wait or active mode unlocks the keyboard and the assigned key-lock LED fades. All sensor keys may be operated as usual again.

Acoustic Feedback (Buzzer)

The following activities occurring during operation of the TC unit are fed back audibly via a buzzer:

Short single tone for regular actuation of a key

Longer, intermittent tone for permanent use of keys over a longer period of time (≥ 10 sec)

Expiry of the timer

Timer-function (optional)

The timer function is available in two types:

-Stand-alone-timer 1..99 min: Audible signal with timing. This function can only be activated as long as no cooking zone is in operation (all stages = 0). Is any cooking zone started with operation (level >0) than the stand alone timer keeps in operation. If the timer shall be used to cut off a cooking zone (see cooking zone timer) then the control must first be switched off (power sensor) and switched on again.

-Cooking zone timer 1..99 min: This function can only be activated as long as a cooking is active (stage < 0; display dot). Audible signal with timing, four cooking zones to be cut off are freely programmable.

Setting a timer value:

By adjustment with the slider area.

Primarily the adjustment of the first digit takes place and thereafter the adjustment of the second digit.

Within 10sec after the adjustment of the second digit the value might be reset. (Illuminated display dot in the timer display and in case of a cooking zone specific timer a blinking assigned LED).

In case of an active timer display the timer value may be set to [0] directly by pressing [0] on the slider area (left side)

Switching of an active timer:

A timer can be switched of by setting its value to 0.

A stand alone timer can be switched of by a double actuation of the power key "1".

Timer Stand-Alone:

If the control unit is switched on (all cooking zone displays show [0]), the stand-alone timer may be activated by pressing the timer select key. The timer display show "00". The decimal dot on the timer display flashes. The timer is cut off after 10 sec (black display) if no further settings are made. In case of a timer value is set with no activation of a cooking zone within 10sec, the cooking zone displays are cut off (interposing relays are also cut off). Possible optic warnings for hot cooking zones [H] are displayed permanently

As long as the timer is selected (display dot flashes for 10 sec) it can be set. The setting range is 0 -99 minutes in single steps; by Slider area.

Directly after the timer value is set countdown starts with the last set value. The timer is deselected automatically after 10 sec and the timer display indicates the timer value. After expiring of the set time an acoustic signal is given and the timer display flashes „00“.

The acoustic signal is terminated

-after 2 min and/or

-by actuating any key.

Thereafter timer display stops blinking and extinguishes. Possible optic warnings for hot cooking zones [H] are displayed permanently

By pressing the ON/OFF key "1", the control unit may be switched from „purely timer operation“ to cooking zone at

any time -with or without an activated Stand-Alone timer - . Switching back to TC active mode with an active

Stand-Alone timer the timer is selected first (decimal dot on timer display flashes). After a cooking zone is

selected, the decimal dot disappears from the timer display and a steady decimal dot on the cooking zone

display flashes on. When switching off the control unit by ON/OFF key "1", the Stand-Alone timer – if still in operation -is also switched off.

Cooking zone specific timer programming

Switching on the TC enables timer setting for dedicated cooking zones.

By actuating a cooking zone (cooking zone stage > 0) followed by selecting the timer display (within 10 sec) a timer value may be assigned to the cooking zone as a cut-off function. The LED around the timer "9" indicates which cooking zone the timer had been activated for.

As soon as the timer is selected the according LED is blinking and the dot in the timer display is flashing permanently. In case of a cooking zone is selected thereafter, the dot extinguishes and the LED stops blinking.

When switching from one cooking zone to another, the timer display indicates the current timer value of the respective cooking zone. Timer settings of other cooking zones stay active.

Further setting is like with the stand-alone timer

In case of more than one active timer the display indicates the lowest timer value (after 10s deselection time).

After expiring of the set time an acoustic signal is given and the timer display flashes „00“. The related timer LED is blinking synchronously. The programmed cooking zone is cut-off, a permanent "0" is displayed and the cooking zone is selected automatically. After 10 sec (deselection time) a permanent "H" is displayed on a

„hot“cooking zone. Otherwise, the symbol "0" is indicated.

The acoustic signal and the blinking of the cooking zone timer Led is terminated

- after 2 min and/or

- by actuating any key.

Thereafter timer display stops extinguishes and the cooking zone stays unselected.

Behaviour of the cooking zone specific timer is similar to the stand alone timer.

In case of a timer is programmed for a cooking zone the operating time limitation is dependent of the timer value and not of the standard table value.

Precautions

- when the hob is in use keep all magnetizable objects away (credit cards, floppy disks, calculators and so on)

- do not use any aluminium foil or place any foodstuffs wrapped in aluminium foil directly on the hob

- do not place any metal objects such as knives, forks, spoons and lids on the hob surface as they will heat up

- when cooking in a non-stick pan without seasoning, do not exceed 1-2 minutes' pre-heating time

- when cooking food that may easily stick, start at a low power output level and then slowly increase while regularly stirring.

- after cooking is finished, switch off using the control provided (turn down to "0"), and do not rely on the pan sensor

- If the surface of the hob is damaged, immediately disconnect the appliance from the mains to prevent the possibility of electric shock.

- Never use a steam cleaner to clean the hob.

- This appliance hood is not designed to be used by people (including children) with reduced physical, sensorial or mental capacity, or who lack experience or knowledge about it, unless they have had supervision or instructions on how to use the hood by someone who is responsible for their safety.

- Children must be supervised to ensure that they do not play with the appliance.

Cooking vessels (Fig. 3)

- a magnet-attracting vessel may be a suitable vessel for induction cooking

- prefer vessels which are especially declared to be suitable for induction cooking
- flat- and thickbottomed vessels
- a vessel with the same diameter as zones ensures the maximum exploitation of power
- a smaller vessel reduces power exploitation, but does not cause any energy loss We would anyhow not recommend the use of vessels with diameters smaller than 10 cm.
- stainless-steel vessels with multi-layer or ferritic stainless-steel bottoms when specifically suited for induction cooking
- cast-iron preferably enamel-bottomed vessels to avoid scratching the pyroceram surface
- we do not recommend the use of any glass, ceramic, earthenware, aluminium, copper or non-magnetic (austenitic) stainlesssteel vessels.

Maintenance (Fig. 4)

By means of a scraper immediately remove any aluminium foil bits, food spills, grease splashes, sugar marks and other high sugarcontent food from the surface in order to avoid damaging the hob.

Subsequently clean the surface with some towel and appropriate product, rinse with water and dry by means of a clean cloth. Under no circumstance should sponges or abrasive cloths be used; also avoid using aggressive chemical detergents such as oven sprays and spot removers.

Installer's Instructions

Installation

These instructions are for the qualified technician, as a guide to installation, adjustment and maintenance, according to the laws and standards in force. These operations must always be carried out when the appliance has been disconnected from the electric system.

Positioning (Fig. 5)

The fixture is especially designed for fitting into a work-top as shown in the corresponding figure. Place the supplied sealing agent along the hob perimeter. Do not install the hob over an oven; in case you do, make sure of the following:

- the oven is equipped with an appropriate cooling system
- there is no warm-air leakage from the oven towards the hob
- suitable air-inlets are provided as shown in the figure.

(Fig. 5)

- 1 Front view
- 2 Front side
- 3 Oven or cupboard zone
- 4 Air input

Electrical connection (Fig. 6)

Prior to carrying out the electrical connection, please ensure that: the plant characteristics are such as to follow what is indicated on the matrix plate placed at the bottom of the working area;

- that the plant is fitted with an efficient earth connection, following the standards and law provisions in force.
- The earth connection is compulsory in terms of the law.

Should there be no cable and/or plug on the equipment, use suitable absorption material for the working temperature as well, as indicated on the matrix plate. Under no circumstance must the cable reach a temperature above 50°C of the ambient temperature.

Should a direct connection to the network be required, it will be necessary to interpose an omnipolar switch with min. aperture between the 3 mm. contacts, dimensioned to bear the plate load and it must follow the standards in force (the yellow/green earth cable must not be interrupted by the switch). The plug or omnipolar switch must be easily reached on the installed equipment.

The manufacturers decline any responsibility in the event of non-compliance with what is described above and the accident prevention norms not being respected and followed.

To avoid all risk, if the power cable becomes damaged, it must only be replaced by the manufacturer, by an authorised service centre, or by a qualified electrician.

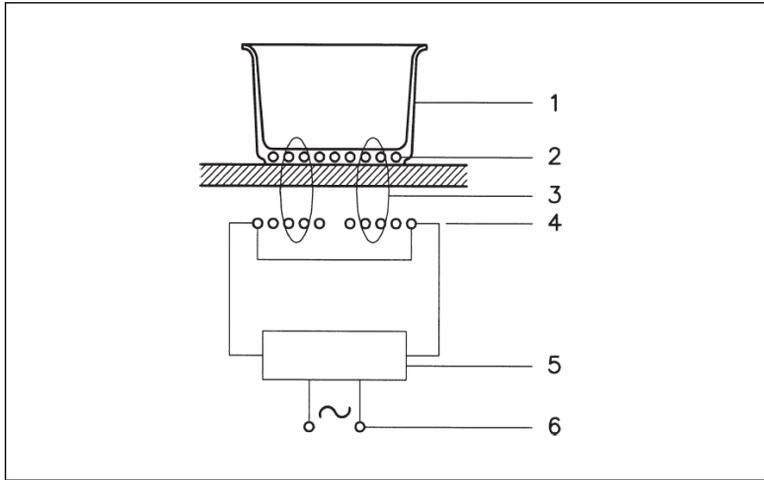


Fig.1

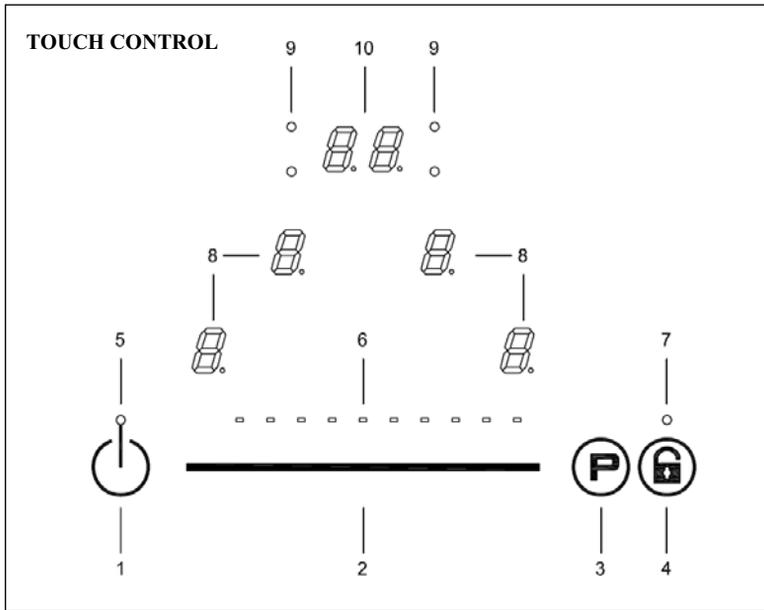


Fig.2

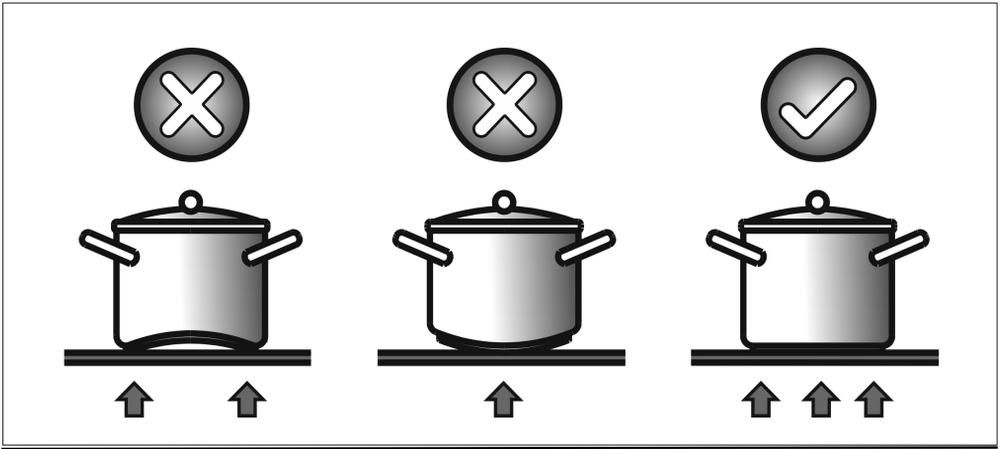


Fig.3

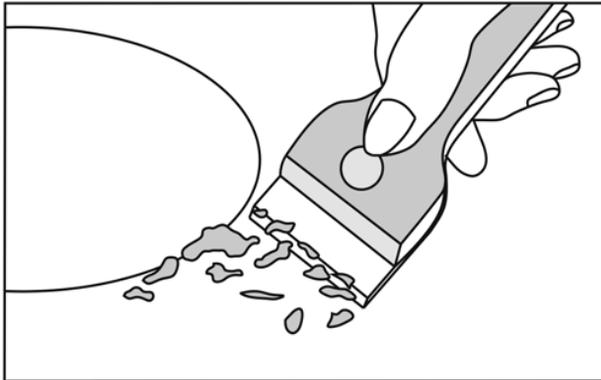


Fig.4

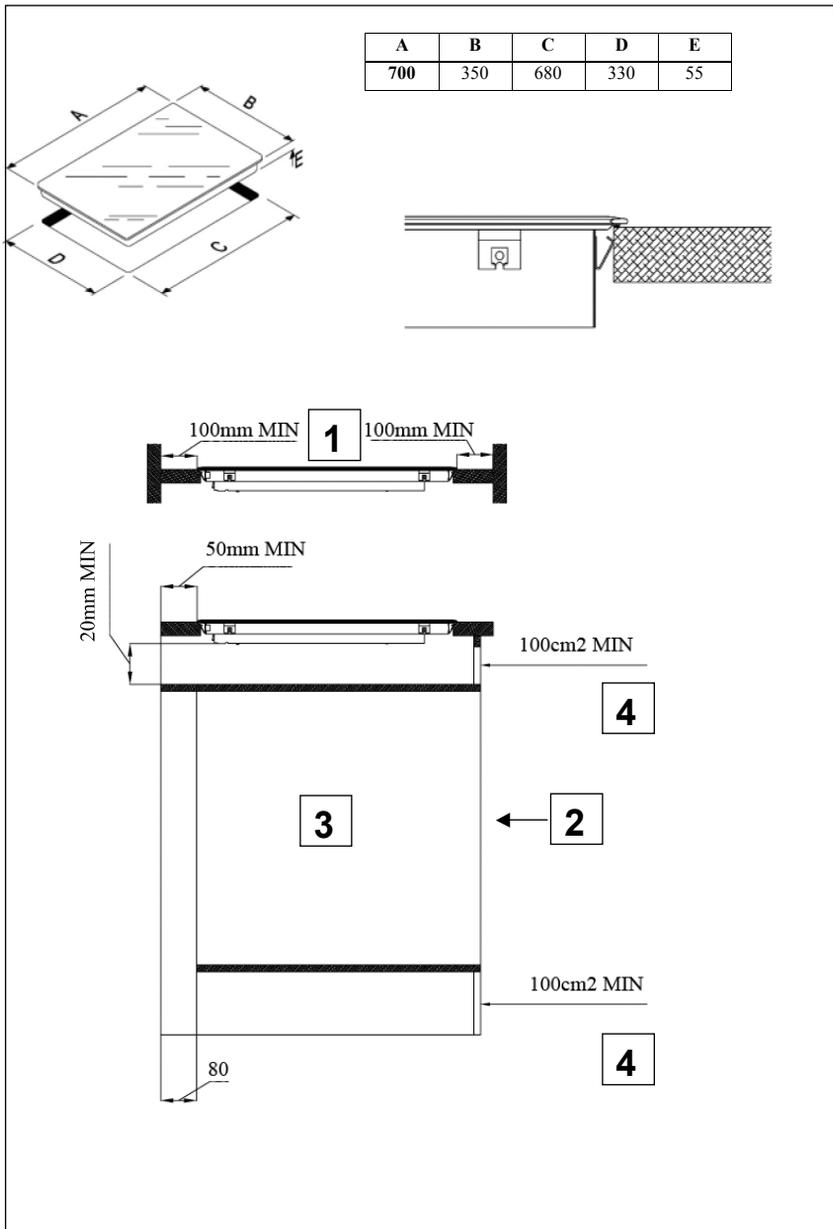


Fig.5

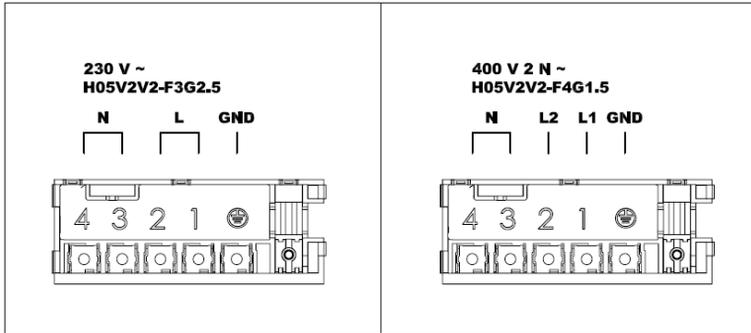


Fig.6

Customer Service

To arrange an in guarantee service call, please contact customer services on the following numbers.

UK and N.Ireland – myappliances Customer Care Centre

T: 0344 8001128 E: uksupport@cnagroup.hk

www.myspareparts.co.uk

Republic of Ireland (ROI) – myappliances Customer Care Centre

T: 1-800 535542 E: uksupport@cnagroup.hk



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