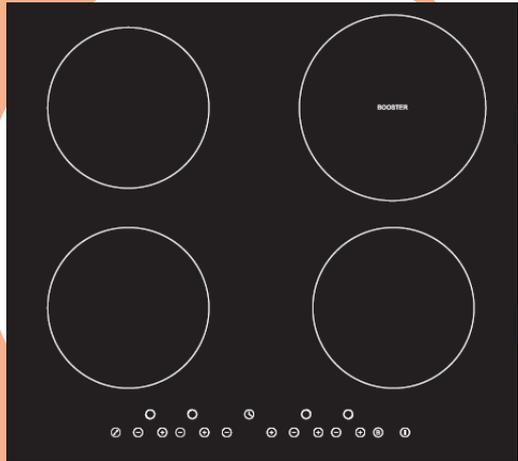


Instruction Manual of Induction hotplate



Model: MC-IF686

Thank you for purchasing the induction hotplate, please read this instructions manual carefully before using and keep it cautiously for your future reference.

Dear customer:

Thank you for purchasing the Midea induction hotplate our product can serve you many years to your satisfaction.

Please read this instructions manual carefully before using and installation, keep it cautiously after reading for future reference.

Thank you for your purchase of Midea induction hotplate again, and wish you to enjoy the pleasure by it.

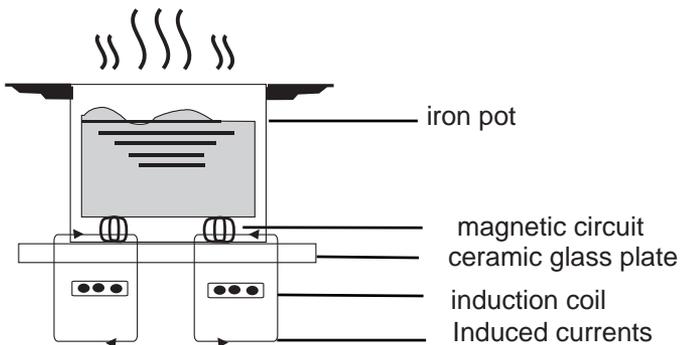
Product Introduction

Midea MC-IF686 induction hotplate can meet various of cuisine demands by electromagnetic heating, with micro-computerized control and multi-functions, really the optimal choice for modern families.

Midea induction hotplate centers on customers and adopts personalized design. Made of imported materials and through advanced process, the unit has safe and reliable performances, making your life comfortable and enabling to fully enjoy the pleasure of life.

Working Principle

The induction hotplate is mainly composed of an induced heating coil, hotplate made of ferromagnetic materials and control system. In principle, current generates a powerful magnetic field via the coil. Large numbers of vortexes are produced in the way that the magnetic lines in the field contact the bottom containing iron or stainless steel substances. The tremendous energy generated by the vortexes can heat the food directly by converting efficiency heat energy penetrating through the bottom.



Safety

We have designed this hob for private use in home.

With a view to constantly improving our products, we reserve the right to make any changes to their technical, program or aesthetic features connected with their technical evolution.

1 Over- Temperature Protection

A temperature sensor equipped can monitor the temperature inside the hotplate. When an excessive temperature is monitored, the induction hotplate will stop operation automatically.

2 Detection of Small Articles

When a unsuitable size or non-magnetic pan (e.g. aluminium), or some other small item (e.g. knife, fork, key) has been left on the cooking zone, the corresponding indicator will appear a "⚡" and the cooking zone will switch off after one minute

3 Heat Indication

When the hotplate is used for a long time, waste heat remains in the heating zone in a few minutes. The code "H" appears, warning to be away from the heating zone.

4 Auto shutdown protection

Auto shut down is a safety protection function for your induction hotplate. It shut down automatically if ever you forget to turn off your cooking. The default working times for various power levels are shown in the below table: .

Power level	The heating zone shut down automatically after
1~3	8 hours
4~6	4 hours
7~9	2 hours

When the pot is removed, the "⚡" appears, and the induction hotplate stop heating immediately, then switch off after one minute.

*Remind:

The patient with a heart pacemaker shall use this product under the guidance of the doctor.

Installation

Selection of installation equipment

- 1 Drill holes on the table surface according to the sizes shown in the drawing. For the purpose of installation and use, a minimum of 50 mm space shall be preserved around the hole. Be sure the thickness of the table surface is at least 30mm. Please select heat-resistant table material to avoid larger deformation caused by the heat radiation from the hotplate. As shown in Figure (1)

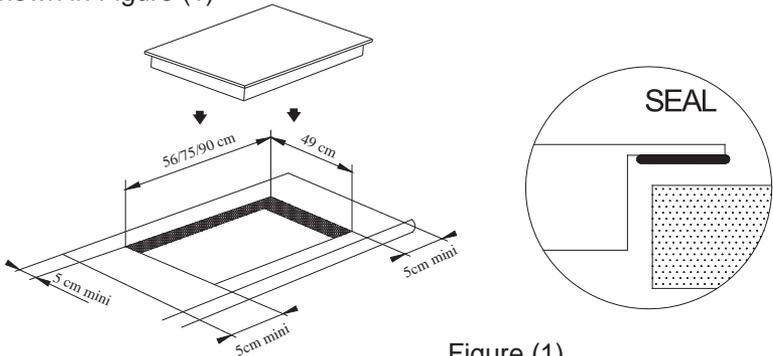


Figure (1)

- 2 Under any circumstances, make sure the induction hotplate is well ventilated and the air inlet and outlet are not blocked. Ensure the induction hotplate is in good work state. As shown in Figure (2)

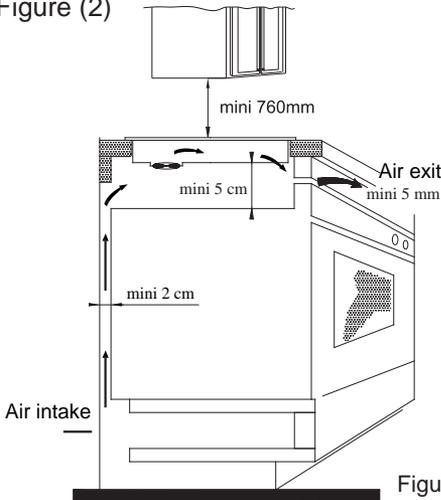
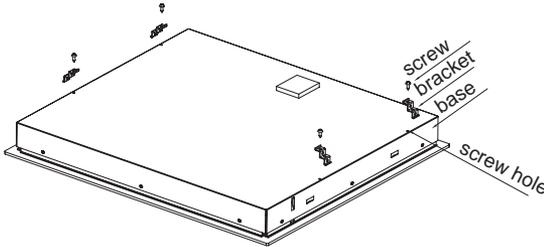


Figure (2)

Note: The safety distance between the hotplate and the cupboard above the hotplate should be at least 760mm.

- 3 Fix the hob on the table by screw four brackets on the bottom of hob (see picture) after installation. Adjust the bracket position to suit for different table top thickness.



Cautions

1. The induction hotplate must be installed by qualified personnel or technicians. We have professionals at your service. Please never conduct the operation by yourself.
2. The induction hotplate shall not be mounted to cooling equipment, dishwashers and rotary dryers.
3. The induction hotplate shall be installed such that better heat radiation can be ensured to enhance its reliability.
4. The wall and induced heating zone above the table surface shall withstand heat.
5. To avoid any damage, the sandwich layer and adhesive must be resistant to heat.

4 Power line connection

The socket shall be connected according to the relevant standard or connected to a single-pole cut-out. The method of connection is shown in Figure (3):

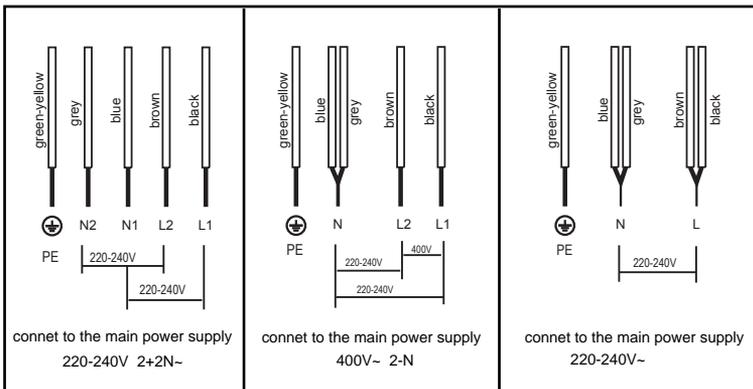


Figure (3)

If the cable is damaged or to be replaced, the operation must be carried out by an after-sale agent with dedicated tools to avoid any accidents.

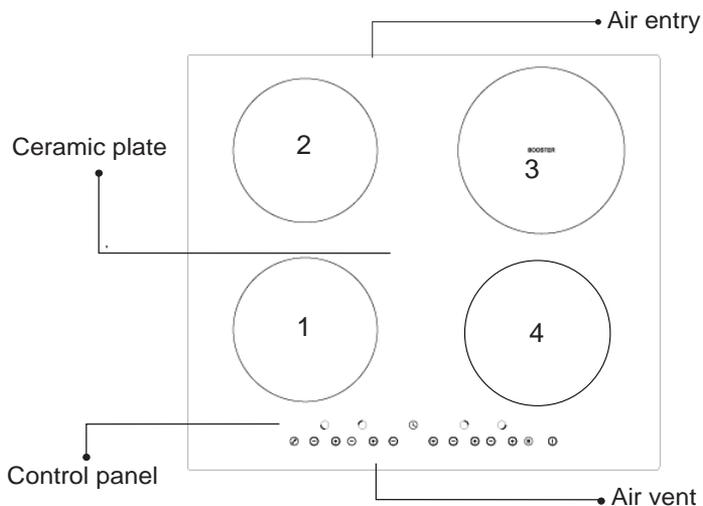
If the appliance is being connected directly to the mains an omnipolar circuit-breaker must be installed with a minimum opening of 3mm between contacts.

The installer must ensure that the correct electrical connection has been made and that it is compliant with safety regulations.

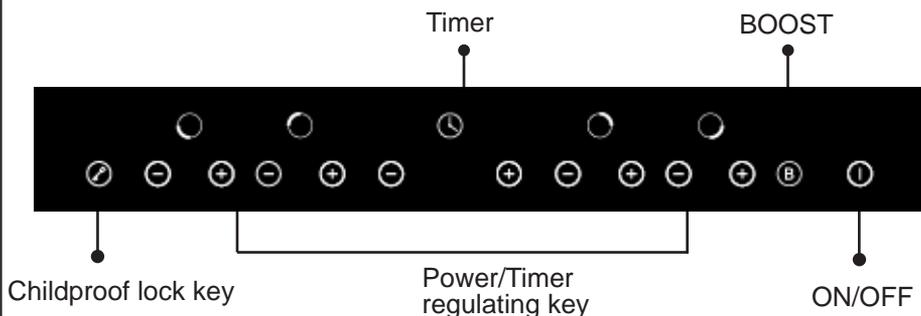
The cable must not be bent or compressed.

The cable must be checked regularly and replaced by authorised technicians only.

Induction hotplate appearance



Schematic diagram of the control panel

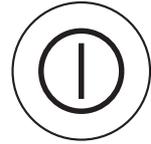


Instructions for Use

Preparation before using:

After power on, the buzzer beep once, all the indicators light up for 1 second then go out, indicating the induction hotplate enters the state of standby.

Put the pot in the center of the heating zone.



Operation Instructions

After the "ON/OFF" key is pressed, all the indicators show "-". According to the heating zone where the pot is placed, At the moment, press the "+" or "-" button, the indicator displays 5, then adjust the power levels using the "+" or "-" button. Press the "+" and "-" button simultaneously, the hotplate immediately returns the power setting to 0 and the corresponding cooking zone switches off.

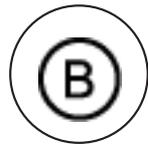


See the attached table on PAGE 8 for the power specific to each heating zone.

Note: After the "ON/OFF" key is pressed, the induction hotplate will restore to its standby state if no any operation is carried out within 1 minute.

Boost function

To get a quicker heating speed, directly press "BOOST" after selecting the heating zone, with the power level indicator showing "P." This function can reach the heating power of up to 2800W.



Note:

1. The boost function only operates for 5 minutes, after which the cooking zone returns to its original setting.
2. The boost function only works on the 3rd zone.
3. As the boost function of 3rd is activated, the 4th cooking zone is limited under level 2 automatically.

Cancellation of "BOOST" function

Select the corresponding cooking zone and press the "Boost" key or "-" to cancel the Boost mode, then the cooking zone will revert to its original setting.

Minute reminder

Timer can be used as a Minute reminder. Active timer by press timer key, display shows "00", adjust timer by press +/- key, single touch +/- key will increase or decrease 1 Minute, by press and hold +/- key you can adjust time by 10 Minutes.

After set time press timer key again to confirm time setting.

Display will stop flashing, Minutes reminder start count down. Buzzer will bips for 30 seconds when setting time reached and the display shows "- -", cooking process and power setted will not be affected by Minute reminder.

Cooking timer

Select one cooking zone by press "-" or "+" of the cooking zone, cooking zone display flashing. Then press Timer key to active cooking timer, adjust timer by +/- key, then press "-" or "+" key simultaneously to confirm the time setted. You will find a red dot display at the cooking zone display you selected. It reminds you this cooking zone is with a timer setting. When cooking timer expire, relative cooking zone will be switch off automatically. Cooking timer only works for one cooking zone at the same time.

Timing confirmation:

1. Pressing the "+" or "-" of the timer key, the time can be set now.
2. Once the timing indicator flashes for 5 seconds, the set time will be confirmed to be valid automatically.

Timing cancellation:

If press the "+" and "-" simultaneously, the timing can be cancelled automatically, with the timing indicator showing "--".

Lock: To ensure the safety of children, the induction hotplate is provided with the function of interlock.

Locking: Press the "Interlock" key, then the induction hotplate enters the locking state, with the timing indicator showing "LO" and the rest keys disabled except the "ON/OFF" key.



Unlock: Under the locking state of the induction hotplate, hold the "Interlock" key for 1~2 seconds, and the induction hotplate will return to normal working mode.

The max. power of each heating zone are as follows:

Heating zone	Max. power (W)	
	Normal	Boost
1	2000	-----
2	1500	-----
3	2000	2800
4	1500	-----

The above power may vary if the material or the size of pot is different.

Selection of heating appliances



Iron oil frying pan



Stainless steel pot



Iron pan



Iron kettle



Enamel stainless steel kettle



Enamel cooking utensil



Iron plate

You may have multiple appliances suitable for heating.

- 1 This induction hotplate is able to identify multiple heating appliances, and you can test them according to one of the following methods:

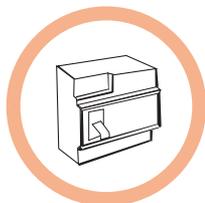
Place the appliance in the heating zone. If the corresponding heating zone displays a power level, it shows the suitability of the appliance; if "U" flashes, it shows the appliance does not fit in the induction cooking.

- 2 Have a magnet to contact the appliance. If there is attraction between them, it shows the appliance also fits in the induction cooking.

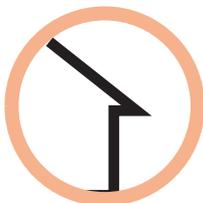
* Requirement for pot material: the bottom contains materials of magnetic conductivity.

* Requirement for shape: flat bottom, more than 12 cm in diameter.

Safety Reminding and Maintenance:



Please use a dedicated power protection air switch;



Indoor use only.



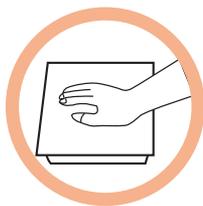
Never directly wash the induction hotplate with water so as to avoid dangers.



Never have the induction hotplate to work without food inside, otherwise its operational performance may be affected and danger may happen.



For sealed food such as canned goods, please do not heat them before opening their covers so as to avoid any dangers of explosion due to heating expansion.



After being used for a long time, the corresponding heating zone of the induction hotplate is still hot. Never touch the ceramic surface to avoid burning.



We suggest that you should periodically check that there are no object (glass, paper, etc) that could obstruct the inlet under your induction hotplate.



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



Never use the induction hotplate in high temperature environments such as near a gas stove or kerosene stove.



Do not put any detergents or flammable materials in the equipment installed under the induction hotplate.



If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.



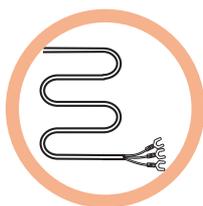
Do not place rough or uneven appliances, which may damage the ceramic surface.



Clean the induction hotplate on a regular basis to prevent foreign matters from entering the fan thus influencing the normal operation.



Keep electrical appliance out of reach from children or inform person. Do not let them use the appliances without supervision.



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

Cleanness and Maintenance

You can easily clean the surface of the induction hotplate if following the methods given in the table.

Type of contamination	Method of cleaning	Articles used for cleaning
Light	Immerse in hot water then wipe it dry	Cleaning sponge
Accumulation of dirt	Immerse in hot water then wipe it dry with abrasive sponge	Special cleaning sponge for ceramic glass
Rings and lime crumbles	Apply white vinegar to the polluted zone, then wipe it dry with soft cloth or a special article available in local markets	Special adhesive for ceramic glass
Sweetmeat, melt aluminum or plastics	Use a scraper suitable for ceramic glass (to protect glass, a silicon product is preferred) to remove residuals	Special adhesive for ceramic glass

Hint: please disconnect power before the cleaning.

Failure Display and Inspection

If an abnormality comes up, the induction hotplate will enter the protective state automatically and display corresponding protective codes:

Troubles	Possible reasons	Solutions
F3-F8	Temperature sensor failure	Please contact the supplier.
E1/E2	Abnormal supply voltage	Please inspect whether power supply is normal. Power on after the power supply is normal.
E3/E4	Abnormal temperature	Please inspect the pot.
E5/E6	Bad hotplate heat radiation	Please restart after the hotplate cools down.

The above are the judgment and inspection of common failures. Please do not disassemble the unit by yourself to avoid any dangers and damages to the induction hotplate.

Customer Care Service

Before calling the After Sales Service

In case the appliance should not work correctly we suggest to:

-verify if the plug is correctly inserted in the socket

-read the Failure and Display table above

In case it is not possible to establish the reason for the bad functioning of the appliance:

switch it off, do not try to manumit it and call the After Sales Service.

Special Declaration

All the contents in this material have been subjected to careful check. For any mistake and omission in printing or misunderstanding of the contents, the company keeps the right of interpretation.

Addition: any technical improvement will be placed in the revised manual without notice; for product appearance and color is according to the actual one
