

# User Manual

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## HOB

Thank you for your wise decision to purchase our cooker hob. Please carefully **READ** these instructions **BEFORE INSTALLING AND USING** the appliance and retain them for future reference. Keep potentially hazardous packaging (plastic bags, polystyrene etc.) out of reach of children.

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## For Your Safety

To maintain the efficiency and safety of this appliance, we recommend you do the following:

- only call the Service Centres authorised by the manufacturer.
- always use genuine spare parts.
- never use any gas other than the labeled gas.
- precisely connect to gas supply by qualified worker.
- make sure the controls are turned off when you have finished cooking and when not in use. And turn off the gas supply after fire is off.
- keep the hob clean as a build up of grease or fat from cooking can cause a fire.
- keep children away from the appliance during use.
- take care to avoid heat/steam burns when using.
- never use the appliance to heat up anything other than food.

### **IN THE EVEN OF A CHIP PAN OR OTHER PAN FIRE:**

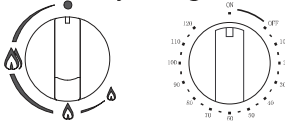
1. Turn off the burners.
2. Cover the pan with a fire blanket or damp cloth, this will smother the flames and extinguish the fire.
3. Leave the pan to cool for at least 60 minutes before moving it.

## How To Use Your Hob

The position of the corresponding gas burner is indicated on each control knob.

The burners differ in size and power. Choose the most appropriate one for the diameter of the cookware being used. The burner can be regulated with the corresponding control knob by using one of the following settings:

- Off
- 🔥 High
- △ Low



**To light a burner**, simply press the corresponding knob all the way and then turn it in the counter-clockwise direction to the "High" setting, keeping it pressed in until the burner lights.

**Caution:** If the burner accidentally goes out, turn off the gas with the control knob and try to light it again after waiting at least 1 minute.

**To turn off a burner**, turn the knob in the clockwise direction until it stops (it should be on the "•" setting).

## Air Valve Adjusting

To keep the flame in premium condition (Flame color in blue, without red / yellow flame; Stable combustion, without back-fire burning), it is essential to adjust the air valve. Back-fire burning causes severe damage to hob parts, hob should immediately be turned off when it is in back-fire state.

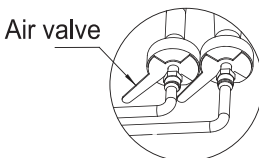
(Remark: Back-fire burning means the fire burns inside the burner)

### ◆ Notice:

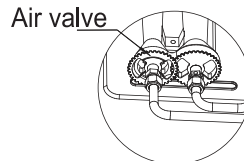
Adjust the air valve by moving the valve handle in clockwise / anticlockwise direction till there is no flame separated from the fire holes and flame is in good condition. Air valve is installed at the bottom of the hob which is a round-shaped gear iron plate as shown in below pictures.

Picture A & Picture B indicate two types of air valve used on different types of hobs. (Pictures only for reference use)

Picture A:



Picture B:



## Care and Cleaning

Before cleaning or performing maintenance on your appliance, disconnect it from the gas and electrical power supply and wait until the appliance is cool.

**To extend the life of the cooktop, it is absolutely indispensable that it be cleaned carefully and thoroughly on a frequent basis, keeping in mind the following:**

- **Do not use steam equipment to clean the appliance.**
- The enameled parts and the glass top, if present, must be washed with warm water without using abrasive powders or corrosive substances which could ruin them;
- The removable parts of the burners should be washed frequently with warm water and soap, making sure to remove caked-on substances;
- On cooktops with automatic ignition, the end of the electronic ignition device must be cleaned carefully and frequently, making sure that the gas holes are not clogged;
- The electric hobs should be cleaned using a damp cloth and then rubbed with oil while still warm;
- Stainless steel can be stained if it remains in contact with highly calcareous water or aggressive detergents (containing phosphorous) for an extended period of time. It is recommended that these parts be rinsed thoroughly with water and then dried well. It is also a good idea to clean up any spills.

### Greasing the Taps

The taps may jam in time or they may become difficult to turn. If so, the tap itself must be replaced.

**N.B.: This operation must be performed by a technician authorised by the manufacturer.**

## Troubleshooting

### 1. Electric Hob

Problems		Causes	Solvent
Three minutes after turn on power, the heat circle is still not red	1	Power plug is off	Connect power plug
	2	Internal connection is broken	Call after-sales service

Heat circle works intermittently	1	It is on auto temperature control or the temperature is on highest protection	Normal phenomenon
Heat indicator light is off, while ceramic glass surface is very hot	1	Heat indicator light is broken	Call after-sales service
	2	Internal connection is broken	
Heat time lengthens	1	Cookware bottom concavity is too big	Change cookware
	2	Cookware bottom area is too big	

## 2. Gas Hob

Problems		Causes	Solvent
Ignitor doesn't work.	1	Power is off connection	Connect power
	2	High-voltage wire leakage	Replace High-voltage wire
	3	Ignition porcelain head leakage	Replace High-voltage wire
	4	Pulse ignitor is broken	Replace pulse ignitor
	5	Micro switch connection is not good	Replace or adjust Micro switch
	6	Battery installation is not good	Install the battery properly
	7	Distance between Ignition porcelain head and Burner cap is improper	Adjust to 5-6mm distance
	8	Gas supply is off	Turn on gas supply
Flame Failure Device open valve time lengthens	1 *	Throttle position is improper	Adjust throttle position
	2	Thermocouple position is improper	Adjust thermocouple
	3	Flame Failure Device doesn't work	Replace Flame Failure Device
Backfire	1	Burner cap position is improper	Adjust burner cap
	2 *	Burner leakage or Throttle opens too wide	Replace Burner or adjust Throttle
	3	Burner cap is up side down	Adjust burner cap
Flameout	1 *	Throttle opens too wide	Adjust throttle
Big noise	1	Burner cap position is improper	Adjust burner cap
	2 *	Throttle opens too wide	Adjust throttle

## Installation

The following instructions are intended for the installer so that the installation and maintenance procedures may be followed in the most professional and expert manner possible. **Important:** Disconnect the appliance from the electrical supply before performing any maintenance or repairment.

### Positioning the Hob

**Important:** this unit may be installed and used only in permanently ventilated rooms. The following requirements must be observed:

- a) The room must be fitted with a ventilation system which vents smoke and gases from combustion to the outside. This must be done by means of a hood or electric ventilator that turns on automatically each time the hob is operated.
- b) The room must have an air flow to allow for proper combustion. This must be 2 m<sup>3</sup>/h per kW of installed power. The airflow can be created using an enclosed vent with an inner cross section of at least 100 cm<sup>2</sup> which must not be able to be blocked. If the appliance does not have a flame failure device, the vent must have an internal cross section of 200 cm<sup>2</sup>. Alternatively the room in which the hob is situated can be vented indirectly through ventilation ducts as specified above, as long as the adjacent room is not a shared area, a bedroom or present any risk of fire.
- c) Intensive and prolonged use of the appliance may necessitate supplemental ventilation, e.g. opening a window or increasing the power of the air intake system (if present).

## **Installation of Built-in Hobs**

### **A) Check after open box**

Please check the compliance of the supply gas and the gas limit of the hob  
Then check quantity, integrity and connection of all accessories, and put all the accessories in right position.

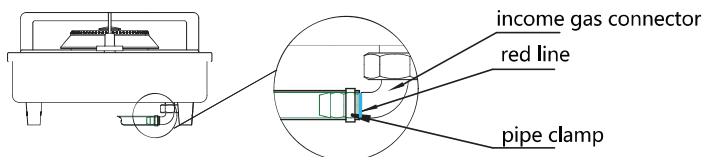
### **B) Drill Hole**

Drill a hole according to the installation plate or hole size drawing on the worktop of the cabinet. In order to connect gas pipe, please leave at least 150mm below the hob bottom. Then put the hob into the hole and make sure it is stable inside the worktop.

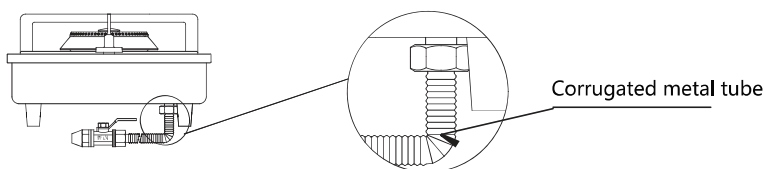
### **C) Gas Pipe Connection**

The hob should be connected to the gas supply by an authorized installer. And make sure it complies with local rules and regulations. During installation of this product it is essential to fit an approved gas tap to isolate the supply from the appliance. Connection of the appliance to the gas supply must be carried out according to the safety standards currently in force, and only after it is ascertained that it is suitable for the type of gas to be used.

• **Rubber pipe connection.** Please use the  $\Phi 9.5$  gas connection pipe connecting hob and supply gas tap. When connecting, make sure the pipe insert into until the red line of hob connector, and tighten the pipe clamp to make sure safety. After connection, make sure the rubber pipe is not bended or pressed to flat, neither come through high temperature area.



• **Corrugated metal tube connection.** Please use the gas connection corrugated metal tube (Outside thread of hob connector is  $1/2''$  ) to connect hob and supply gas tap. Please use adjustable screw nut and anti-corrosion rubber ring seal in the middle to connect.



## D) Leakage Test

Once the hob has been installed, make sure all the connections are properly sealed, using a soapy water solution. Spread soap water on the connection area, and turn on the gas valve. If there is gas leakage, then there will be bubbles coming out from the connection area.

If gas leakage is detected, an authorized installer is required to tighten the pipe clamp around rubber pipe or screw nut around metal tube. Try testing according to above method till there is no leakage.

## E) Electric Power Connection

Please use individual 10A socket with landing for electric hob.

## F) Battery Installation

The battery box is in low left side of the hob bottom. Please install the attached D type battery in the right direction and replace it after the ignition time became longer.

## G) Burn Test and Finish

After installation, please have a burn test for the first use by atherized worker. After the burn test is passed, turn the hob control to close situation.

