

# Cooktop

BISG801 - 800mm Induction Cooktop

## **Appliance Operation Manual**

INCLUDING INSTALLATION AND CLEANING

**St George**

## **WELCOME TO ST GEORGE**

St George is a proud Australian company with a heritage of innovation and quality.

Our success extends to domestic and overseas markets, confirming our reputation at the forefront of appliance excellence.

The elegant simplicity and high performance features of St George designs, will remain contemporary in many years to come.

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*In this Manual,*



*displays safety instructions,*



*displays tips and hints*

.....

We have designed this hob for domestic use only.

With a view to constantly improving our products, we reserve the right to make technical and programming changes or modify the appearance.

This hob is designed solely for cooking food. No asbestos has been used in its manufacture.

We suggest that you should periodically check that there are no objects (glass, paper, etc.) that could obstruct the air inlet under your induction hob (See fitting).

## SAFETY WARNINGS

- § Only qualified installers are authorised to carry out installation. The installer is responsible for commissioning the appliance in accordance with the current Australian standards and requirements under law.
- The appliance is intended solely for domestic use. The manufacturer shall not be held responsible for any accident that maybe caused because of improper use.
  - Switch off the power supply to the equipment before starting the installation.
  - The rating plate is located underneath the appliance. Prior to connection check that the voltage indicated on the rating plate is in line with your home power supply.
  - The electrical wiring should be equipped with a circuit breaker able to isolate the appliance from the mains in all points, with the distance between terminals of at least 3 mm in open position. This may be done by means of fuses, safety switches, etc.
  - Upon the completion of installation, live wires and isolated cables must be adequately protected against accidental touching.
  - Distance between the cooktop surface and the rangehood must be such as indicated in the instructions for use of the rangehood and in accordance with the current Australian standards.
  - In case any other appliances are plugged in the electric mains close to the cooktop, prevent the contact of the plug cable with the cooking zones.
- Before using the appliance we recommend reading this manual and all the warnings it contains thoroughly.
  - In the event of a malfunction, do not attempt to repair the appliance. Disconnect the appliance from the mains and contact your nearest Kleenmaid service centre on 1300 652 100.
  - Never use a cracked or broken ceramic-glass cooktop. If you notice any visible cracks on the surface, cut the power supply immediately.
  - Never use the cooktop as a working surface.
  - Sharp objects may damage the cooktop surface.
  - Do not place saucepan lids on the cooktop surface. Extreme pressure can build up and cause the ceramic top to crack!
  - Never keep any flammable or temperature sensitive objects, like cleaning agents, sprays, detergents, etc., below the appliance.
  - Preparation of food in aluminium or plastic cookware is not allowed. Never place any plastic objects or aluminium foil upon the cooktop surface.
  - **Warning!** The appliance is not intended for use by young children or infirm persons without supervision.

*The manufacturer shall not be held responsible for any injury or damage that may be caused by failure to fully comply with the instructions and recommendations in this manual, the tampering of any of the appliance components or the use of non-original spares.*

# Using your hob in complete safety

## HOB safety

- A sensor continuously monitors the temperature of the components of your hob. The power output by the hob will automatically be reduced if this temperature becomes excessive.
- You only have to remove the pan from the hob to stop power instantaneously. Touch the "Off" touch control to turn off the heating zone completely.

## SAUCEPAN safety

Each unit is equipped with a sensor that continuously monitors the temperature of the bottom of the pan, so that overheating is impossible (empty saucepan, etc.).

## METALLIC OBJECT safety

A small object such as a fork, spoon or a ring placed on your induction hob **by itself** is not detected as a pan. The display flashes and there is no output power.

## RESIDUAL HEAT INDICATOR

After intensive use, the cooking zone may remain hot for several minutes. The letter "H" is displayed during this period. Do not touch the zones concerned

## Automatic-Stop

Automatic-stop is a safety function for your hob. It starts up automatically if ever you forget to turn off after cooking :

Power consumed	the heating zone goes out automatically after :
Between 1....9	8 hours
Between 10....14	2 hours
Between 15....Boost	1 hour

The letter **AS** is displayed for the heating zone concerned and the hob will beep for about 2 minutes. The **AS** will continue to be displayed until any control of the zone in question is touched. The hob will then beep twice to confirm your action.

## Child safety

The hob has been fitted with a child-safety device that prevents its use when locked.

**Locked**



Controls can be locked :  
- either when turned off for cleaning,  
- or during use (the operations in progress continue and the settings displayed stay active).  
However, when in the locked position, the "STOP" touch control has priority and cuts off the power to the hob. The display turns off after a few seconds. It can be reactivated by touching any touch control.

The illuminated key goes out after a few seconds. Touching the controls will cause the illuminated **0** to reappear.

**Remember to switch back on again before use.**

**Unlocked**

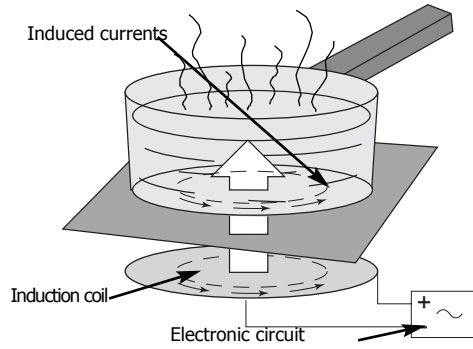


## Using your hob in complete safety

### The principles of induction

When your induction hob is switched on and a heating power has been selected, the electronic circuits produce induced currents that instantaneously heat the bottom of the pan that transfers this heat to the food.

Thus, cooking takes place with **practically no energy loss** between the induction hob and the food.



### For the attention of wearers of pacemakers or other active implants:

The hob complies with all current standards on electromagnetic interference.

Your induction hob is therefore perfectly manufactured in keeping with legal requirements (89/336/CEE directives). It is designed not to create interference on any other electrical apparatus being used on condition that the apparatus in question also complies with this legislation.

Your induction hob generates short-range magnetic fields.

To avoid any interference between your induction hob and a pacemaker, the latter must be designed to comply with relevant regulations.

In this respect, we can only guarantee our own product conformity. Please consult the pacemaker manufacturer or your doctor concerning its conformity or any possible incompatibility.

**⚠ If a crack appears in the glass surface, disconnect the appliance immediately to avoid any risk of electric shock.**

*For disconnecting, remove the fuses or use the cutout switch*

**Do not re-use your hob until the glass surface has been changed.**

Your hob must never be used as a storage space or cutting surface for any products whatsoever.

**Never allow power cables for other electrical appliances to trail across the hob.**

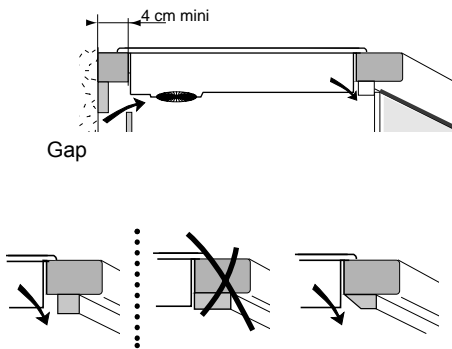
**When cooking never use aluminium foil and never place products wrapped in aluminium foil or products deep-frozen in aluminium packs on the hob. The aluminium will melt and damage your appliance irreparably. Do not leave empty pans on your hob in case of residual heat or if the hob is turned on by mistake.**

**If your hob is placed above your oven (see "Choice of Installation") thermal protectors prevent it being used when the oven is being pyro-cleaned.**

# Installing your hob in complete safety

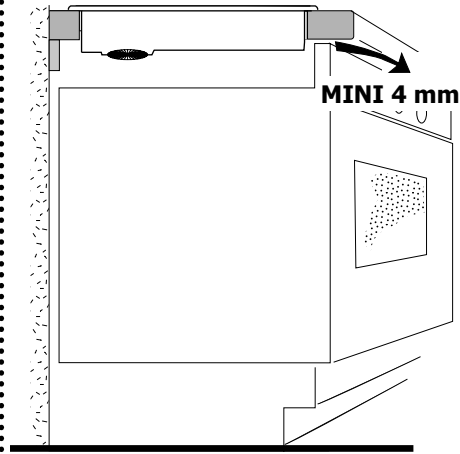
Always ensure that the air vents beneath the hob are kept clear.  
Your induction hob must always be adequately ventilated.

## Above a cupboard or drawer unit



Ensure that the unit crossbar does not block the air passage, make a level if necessary.

## Above an oven



### **If the appliance underneath your hob produces excessive heat the following ventilation requirements must be observed.**

- Divider shelf separating the hob from the oven to be positioned at least 50mm below hob.
- Cooktop must be isolated from any oven cavity ie. under bench.
- Ventilation holes must be drilled into the side of adjoining cupboards to allow supply of fresh air to cooktop.

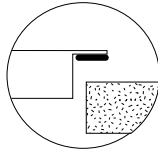
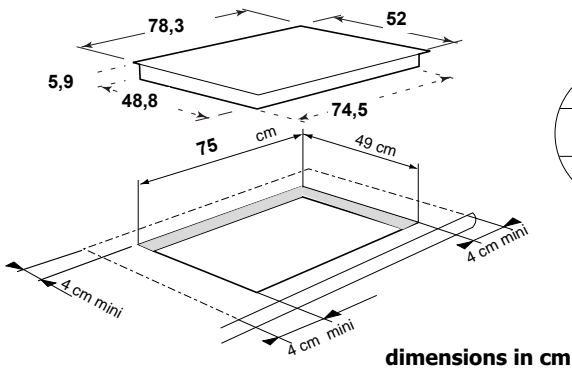
### **When installing above a drawer the following ventilation requirements must be observed.**

- The connection cable must not be mechanically obstructed.
- Aerosols, spray canisters or any inflammable substances or materials should not be stored in the drawer under the cooktop.

**Incorrect installation may result in premature failure of the cooktop and will void warranty!**

## Installing your hob in complete safety

### Fitting



A seal exists for preventing any humidity getting under the hob.

- Stick the seal under the rim of the hob and lower the hob into position on the worktop.
- This seal is supplied in the sachet; stick it in place beneath the hob.

The unit must be installed so that the mains plug is easily accessible.

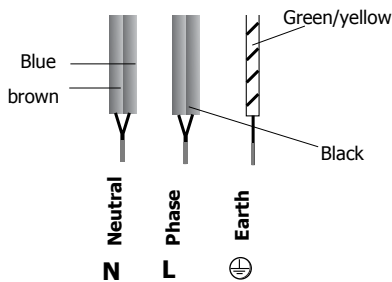
### Connection

These hobs are delivered with type H 05 VVF power cable (1.5mm<sup>2</sup>) with 3/5 conductors (including a green/yellow earth wire), which must be connected to the power supply via a plug that complies with publication CEI 83 or an all-pole cut-out unit with contacts that open by at least 3mm.

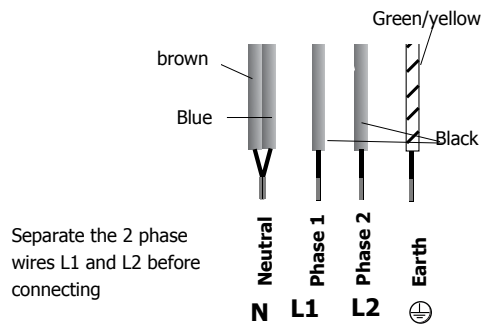
If the cable is damaged, it must be replaced by an authorised St George Service Agent or similarly qualified person for avoiding any possible risk of accident.

When the power is switched on, or after a long power failure, a light code appears on the control panel. This disappears automatically after about 30 seconds or as soon as any touch control is touched on the panel. This is normal, as the display is for use by the after-sales service when required. The user must not take this into account under any circumstances. If the unit has a 3 phase 400 V2N connection, and is not working correctly, check that the neutral wire is correctly connected. This precaution should also be taken for all your other electronic apparatus.

#### - 220-240 V monophasé fuse : 32 Amp



#### - 400 V 2N three-phase fuse : 16 Amp



# Containers

You probably already have some suitable pans.

## Your induction hob is able to recognise most types of pans.

**Pan test:** Place your pan on a zone, for example at position 4; you know that your pan is **compatible** if the display does not flash, but if it does flash then you cannot use this pan for induction cooking. You can also test it with a magnet: if the magnet "sticks" to the base of the pan, then you can use it for induction cooking.

### Pans compatible with induction are:

- pans made of enamel coated steel with or without a non-stick coating.
- cast iron pans with or without enamel coated base.

An enamelled coated base will prevent the glass top of your hob from getting scratched.

- stainless steel pans designed for induction cooking.

Most stainless steel pans (saucepans, stewpans, frying pans, deep frying pans, etc.) are suitable for induction cooking if they pass the pan test.

- aluminium pans with special base. pans which do not have a flat base may be suitable, however, they must not be deformed too badly.

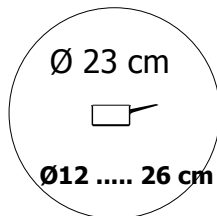
### • Note

Glass, ceramic, aluminium pans (without a special base) and copper pans, and some non-magnetic stainless steel pans are incompatible with induction cooking. You will be informed by the flashing display.

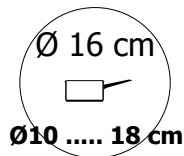
You should choose pans with a thick flat base for uniform cooking (heat is better distributed).

## Always use the most suitable induction-cooking ring (depending on model)

Multi-service zone



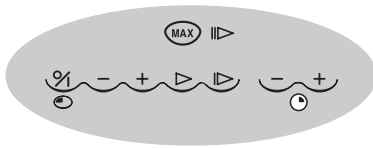
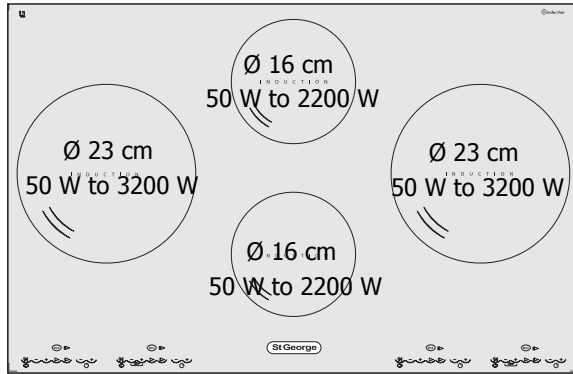
For small pans



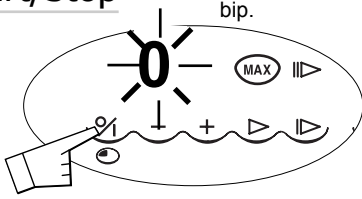
Slow cooking (sauces, creams...).

Preparing small quantities or individual portions...

# Using your hob in all simplicity



## Start/Stop



• A beep and a flashing **0** show that the zone concerned has been turned on.  
• You can then choose the desired power.  
• If you do not set the power, the cooking zone will turn itself off automatically.

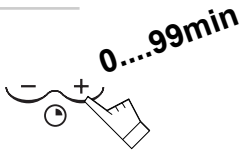
## Setting power



⚠ If you use one of the rings at maximum power on the induction side of the hob, the other ring will automatically have its output limited and the power displays will reflect this.

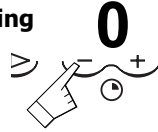
- ▶ Low heat **7 = SIMMER**
- ▶ Moderate heat **11 = COOK**
- ▶ High heat **15 = BRING TO BOIL**
- MAX ▶ Maximum power **BOIL VIGOROUSL**

## Setting the timer

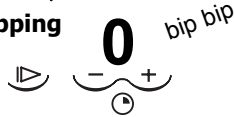


Operates when cooking zones concerned are working. You can modify cooking times and any time.

• **manual stopping**



• **automatic stopping**



• To stop the beep, touch any control key in the cooking zone concerned. It will stop by default after about 1 minute.

# Preserving and maintaining your hob

● **Avoid banging** pots and pans down on the hob:

The glass surface is very tough but not unbreakable.

● **Avoid rubbing** with any abrasive cleaners or with base of pans etc. as in time this will deteriorate the marking on the top of your ceramic hob.

● **Avoid putting** your pans on the surround or rim (depending on model)

● **Avoid using pans with rough or dented bases:**

They may hold and transport matter liable to stain or scratch the hob.

● **Place** your pan **in the middle** of the heating zone.

● **Do not leave an empty pan** on a heating zone.

**Any such faults, which are not the cause of breakdowns nor make the hob impossible to use, are not included in the guarantee conditions.**

● **Do not leave metal cooking utensils,** knives and forks, or metal objects on the hob. They will get hot if left close to any heating zone that is in use.

● **Do not store *MAINTENANCE* or *INFLAMMABLE*** products in the cupboard under your hob.

● **Do not heat up a closed can. It may burst;** this recommendation applies to all methods of cooking.

● Preheat at maximum temperature when using pans with non-stick inside surfaces. Use very little or no fat at all.

**The maximum heating position is for boiling and frying only.**



It is very easy to clean your hob, especially if you follow these few recommendations:

TYPE OF STAIN	WHAT TO DO	ACCESSORIES EMPLOYED
Minor	Soak the area to be cleaned with hot water, then wipe it.	Clean sponges
Accumulated burnt-on stains	Soak the area to be cleaned with hot water, use a special ceramic hob scraper to remove the worst, finish off with the rough side of a cleaning sponge, then wipe it clean.	Clean sponges special ceramic hob scraper
Rings and traces of limescale	Apply hot white spirit vinegar on the stain, leave to act then wipe off with a soft cloth.- Use a commercial cleaner.	Special ceramic hob cleaner.
Burnt-on stains following sugar spillage, melted aluminium or plastic.	- Apply a special ceramic hob cleaner on the surface, preferably one which contains silicone (protective action).	Special ceramic hob cleaner



# Minor troubleshooting

**You have doubts about whether your hob is working correctly .... this does not necessarily mean there is a breakdown. Nevertheless, check the following points**

IF YOU REALIZE THAT	POSSIBLE CAUSES	WHAT SHOULD YOU DO?
When you switch on, the display lights up	The hob is working normally	NOTHING: see chapter <b>Remarks on connections</b>
When you switch on, the fuse blows	Your hob is connected incorrectly	Check the connection and make sure it complies with requirements.
When you switch on, only one side of the hob works	Your hob is connected incorrectly	
The fan keeps going for a few minutes after the hob has been switched off	The electronics are cooling down	This is normal.
<b>The hob does not work.</b> Displays on the keyboard do not come on	The apparatus is not under power. There is a power or connection problem.	Inspect the fuses and the cut-out switch.
The hob has stopped during use and is giving out a beep every ten seconds and a  (or <b>F7</b> ) appears on the display.	- Something has overflowed and or an object is touching the control panel.	Clean the hob or remove the object in question and start cooking again.
A series of little  (or <b>F7</b> ) appears	Electronic circuits have overheated.	See " <b>Fitting your hob</b> ".
<b>The hob does not work</b> , another message comes on	The electronic circuit is working badly.	Call the After Sales Service
After having turned on a heating zone, the keyboard displays continue to flash.	The saucepan you use is unsuitable for induction cooking or its diameter is under 12 cm. (10 cm on the 160 mm zone).	<b>See containers.</b>
The pans make a noise during cooking	This comes from vibrations made by energy going from the hob to the pan.	Under high power this phenomenon is normal with certain types of pans. There is no danger for the hob.
The hob gives off a smell when first used for cooking	A new apparatus	<b>Use each heating zone for ½ hour with a pan full of water.</b>

**If the slightest break or crack appears in the ceramic glass surface, disconnect the unit immediately and contact your After Sales Service.**



# WARRANTY AND SERVICE

## DOMESTIC WARRANTY - FULL FIVE YEAR WARRANTY

In addition to all statutory rights which you, the Consumer, have under the relevant laws in respect of this appliance, during the first five years of ownership as the original purchaser of this St George appliance, we guarantee that any fault caused by faulty material or workmanship becoming apparent will be rectified free of charge for parts and labour, provided that all service is performed during normal working hours by St George or their designated Agents. Where the appliance is installed outside the normal servicing area of the above, the Purchaser must pay for the cost of transporting the appliance to and from the Agent or the Agent's travelling cost to and from the Purchaser's home.

## COMMERCIAL WARRANTY - ONE YEAR WARRANTY

When this appliance is installed in a commercial application, you, the Consumer, have under the relevant laws in respect of this appliance, during your first one year of ownership as the original purchaser of this St George appliance, we guarantee that any fault caused by faulty material or workmanship becoming apparent, will be rectified free of charge for parts and labour, provided that all service is performed during normal working hours by St George or their designated Agents. Where the appliance is installed outside the normal servicing area of the above, the Purchaser must pay for the cost of transporting the appliance to and from the Agent or the Agent's travelling cost to and from the Purchaser's home.

## WHAT THESE WARRANTIES DO NOT COVER

We are not responsible for any damage or malfunction unless caused by a defect in material or workmanship. This includes but is not limited to abuse, misuse, improper installation and transportation damage. We are not responsible for any consequential damages from any malfunction.

The Consumer, must make the appliance available for servicing and shall bear any costs incurred for any de-installation and/or re-installation required to make the appliance available for servicing.

St George are not liable for any consequential damage incurred during de-installation or re-installation.

## WARRANTY DOES NOT COVER REPLACEMENT OF LIGHT GLOBES OR GLASS BREAKAGE DUE TO IMPACT

In case of fractured glass do not use your appliance.

## WARRANTY REGISTRATION

Please complete warranty details below. Please retain together with your proof of purchase document. These documents will need to be viewed by our Service Representative should you request in warranty service.

### SERVICE ASSISTANCE

To assist you when phoning our After Sales Service number to arrange a service call please complete the following details and have them ready when you call.

Model Number \_\_\_\_\_ Date of purchase \_\_\_\_\_

St George Store purchased from \_\_\_\_\_ Date of installation \_\_\_\_\_

**ST GEORGE AFTER SALES SERVICE**

**1300 305 366**

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