

Induced Energy



IMPORTANT SAFETY NOTICE

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

This appliance is not to be used 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.

Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they get hot. The appliance is not intended to be operated by means of an external timer or separated remote control.

DANGER OF FIRE: DO NOT STORE ITEMS ON THE COOKING SURFACE INCLUDING ANOTHER HOB.

CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously **WARNING:** Unattended cooking on a hob with fat or oil can be dangerous and may result in a fire.



Induced Energy

CS3000 Induction Range Operating Instructions

1. IMPORTANT SAFETY NOTICE

- Do not use damaged equipment
- Under NO circumstances must this unit be operated if the glass top is cracked.
- There are no user serviceable parts inside this unit
- Under NO circumstances should the covers be removed by unauthorized personnel.
- For information concerning routine safety testing, please see the accompanying test notice
- Personnel fitted with heart pacemakers must not operate this unit

2. INSTALLATION

CS3000T Single Table-top Induction Hob

- The hob should be installed on a clean, flat surface
- The hob plugs into a standard 13A mains socket. The mains plug is supplied with a 13 amp fuse. It is recommended that the units also be protected by a 30mA Residual Current Device (RCD) at the socket or elsewhere in the supply wiring.
- Cooling air is drawn through the lower left front of the hob and exhausted through the lower right front of the hob. These areas should not be obstructed
- There is an essential, washable air filter which should be kept clean – see section 6

CS3000D Single Drop-in Induction Hob

- As above, but follow detailed installation instructions provided for this model.

CS3000/1GT/B-1, 2 and 3 Two-ring Table-top Induction Hob

- The hob should be installed on a clean, flat and level surface
- The GT/B-1 version plugs into a Commando 32A single phase socket. The GT/B-2 version has 2 x 13 amp plugs to be plugged into adjacent 13 amp sockets on the same ring main. The GT/B-3 version plugs into a standard Commando 32A 415V three phase main socket
- It is recommended that the unit is also protected by a normal 30 mA RCD elsewhere in the supply wiring and with a standard 32A current breaker or fuse
- Cooling air is taken in through air filter in the rear of the hob and is exhausted across the front (operator's side) of the hob. Please ensure that these areas are not obstructed.
- There is an essential, washable air filter which must be kept clean – see section 6

CS3000/1QT Four-ring Table-top Induction Hob

- The hob should be installed on a clean, flat and level surface
- The hob plugs into a standard Commando 32A 415V three phase mains socket. It is recommended that the unit also be protected by a normal 30mA RCD elsewhere in the supply wiring, together with a standard 32A current breaker or fuse.
- Cooling air is taken in through air filters in the rear of the hob and is exhausted across the front (operator's side) of the hob. Please ensure these areas are not obstructed.
- There are essential, washable air filters which must be kept clean – see section 6

CS3000/1QB Four-ring Suited Induction Hob

- As above, but please follow detailed instructions supplied with this unit
- The hob plugs into a standard Commando 3-phase 5-pin mains socket..

3. OPERATION

- Ensure that the hob control knob is turned 'OF' – fully anti-clockwise (if the hob is plugged in with the socket ON whilst the control knob is in an operational position the hob will show 'SHUTDOWN 1'. This must be cleared by turning the knob OFF)
- Plug the hob into the mains supply
- Turns the mains supply ON
- All the indicators on the display panel will briefly light up – this is a LAMP TEST
- Rotate the control knob clockwise – the hob will come on and the central power display will light up
- Place a suitable pan containing the food to be cooked on the hob. Do not heat empty pans
- Turn the control knob to a suitable setting. The display goes from '0' to '99'. This represents the approximate % power in use. It is not an indication of temperature
- The switch for the rear light is located on the left hand side panel

4. DISPLAY PANEL INDICATORS

- There are FOUR illuminating areas on the display panel which will light up in the following conditions:
- NO PAN – This illuminates whenever the hob has detected that there is no pan on the hob (or that the pan does not have enough iron content) See sections 8 & 9
- GLASS IS HOT – This illuminates whenever the glass is over 50°C – warning only
- CLEAN FILTER – This illuminates when the airflow is restricted due to a blocked air filter. See section 6 for cleaning instructions
- SHUTDOWN – This illuminates when the hob has recognized an unusual condition. It can usually be cleared by turning the control knob fully anti-clockwise and then returning to its original position. See section 9
- GLASS IS HOT/SHUTDOWN – If a pan is left to boil dry, the CS3000 range will detect an unacceptably high internal temperature. The unit will shut down displaying alternating GLASS IS HOT/SHUTDOWN. See section 9

5. HOB CLEANING

- Before cleaning the hob, ensure that it is switched OFF and unplugged from the mains supply
- The hob should be kept clean. This can be accomplished by using normal, non-scouring kitchen surface cleaners. Do not spray through the filter
- The Ceran glass top can be cleaned using Hob Brite or similar non-scouring proprietary cleaner
- Burnt on stains (unusual) may be to be softened and removed with a scraper
- The control knob can be removed by carefully pulling on it to allow cleaning behind

6. FILTER CLEANING

- The filter is essential to protect the internal electronics of the unit. Do not operate the unit without the filter. Before cleaning the filter, ensure that the hob is switched OFF

CS3000T Single Table Top Hob

- Unplug the hob and carefully turn it upside down
- Unclip the grille by depressing the locating clips
- Lift out the filter and clean it in warm, soapy water or a dishwasher
- The filter must be completely dry before refitting**

CS4000D Single Drop-in Induction Hob

- The filter is located directly under the control/display panel
- Pull the filter and metal cartridge out from under the front of the control pod.
- The whole filter cartridge can be cleaned in warm, soapy water or a dishwasher
- The filter must be completely dry before refitting**
- Refitting is the reverse of removal – ensure the filter is the right way up – fine mesh uppermost – and cartridge located inside runners

CS3000GT Two-ring Table-top Induction Hob & CS3000QT Four-ring Table-top Induction Hob

- Carefully lift the front (operator's side) of the hob top to disengage the latches and pull towards you until it stops. This exposes the filter(s) at the extreme rear of the hob
- Lift out the filter(s) and clean it/them. This can be done in warm, soapy water or a dishwasher
- The filter(s) must be completely dry before refitting**
- Refitting is the reversal of removal. Ensure the filter(s) are properly located, then push the lid back into place and ensure that the front edge locates firmly down onto its catches

CS3000GB Two-ring Drop-in Induction Hob & CS3000QB Four-ring Suited Induction Hob

- Unscrew the cover plate(s) in the metal surround at the rear of the glass top and remove it/them (a flat bladed screwdriver may help)
- Carefully extract the grey filter(s) and clean it/them in warm, soapy water or a dishwasher
- When completely dry, replace in slot(s) and push down firmly
- Ensure the seal under the cover plate(s) is intact – if not, contacted Induced Energy Ltd for a replacement seal as soon as possible (the seal is important to prevent oil and moisture damaging the electronics inside the hob)
- Screw the cover plate(s) back in position making sure no gaps are visible between the cover plate and the metal surround.

7. RECOMMENDED HOB SETTINGS (0-99)

- The following hob settings will ensure you achieve the optimum performance from your CS3000 induction hob from Induced Energy Ltd:

APPLICATION	RECOMMENDED SETTING
STIR-FRYING*	80-90
ROLLING BOIL	40
GRIDDLING	30
CREPES	30
SIMMER	20
HOT-HOLDING	10
MELTING CHOCOLATE	5

*The unique depth of field allows you to continue stir-frying if the wok is lifted 30mm above the cooking area

Note: It is important to remove pans from the cooking area if they are empty or only contain oil. The setting control should be turned to "0" when not in use. We recommend that you only switch the hob "OFF" at the end of service.

8. SUITABLE PAN TYPES

- Only the following pans are suitable for induction:
- Magnetic stainless steel (as opposed to non-magnetic)
 - Cast Iron (e.g. skillets, 'le Creuset' type pans)
 - Carbon steel (e.g. woks, enameled metal pans)

Aluminium and Cooper pans are not suitable.

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9. FAULT FINDING

In the unlikely event of a fault, please consult the following table:-

DISPLAY	What it means	Necessary action	Likely causes
No Pan Present	There is no pan on the ring	Place a suitable pan on the hob	Either no pan is present on the hob, the pan is smaller than the inner ring on the hob surface, or the pan is not suitable for induction
Clean Filter	The inside of the hob is too hot	Turn knob fully anticlockwise to “—” and leave for 10 mins. Turn hob on again	Check that the air filter is clean – see section 6 above. Check that the fan is working
Glass is hot	The glass is over 50°C	The glass immediately under the pan will become hot during use	This is a safety notice and NOT A FAULT
Shutdown	The hob has sensed an unusual condition	Turn knob full anti-clockwise to “—” the slowly back to its original setting	There will be an error code number in the power setting display – see below
Glass is hot/Shutdown (alternating)	The hob has detected an unacceptably high internal temperature	Caution – the top may be very hot. Remove the pan. Turn the hob power setting “0” and leave it to cool for ten mins (the hob should still be switched on to allow the fan to cool the unit). Switch the hob to “—” power setting (the fan will switch off) and then resume normal operation	
All Digits Flashing (CS3000G, CS3000QB, CS3000QT only)	Lid safety inhibitor activated	Push lid securely back into place	Lid disengaged during filter cleaning. See section 6 above
01	Mains voltage error	Turn the knob full anti-clockwise and then advance it clockwise	High or low mains voltage – electrical supply requires investigation
02	Electronic overload	Turn knob fully anti-clockwise to ‘—’ then slowly back to its original setting	May happen infrequently in normal use. Try a different pan
03	Electronics overtemp	Turn knob fully anti-clockwise to ‘—’ then slowly back to its original setting	Probable cause is a blocked air filter. Clean the filter – see section 6 above
04	Coil overtemp	Turn knob fully anti-clockwise to ‘—’ then slowly back to its original setting	Extended use of a griddle or wok can cause this. Alternatively a blocked air filter – see section 6 above
05	Electronic sensor malfunction	Turn knob fully anti-clockwise to ‘—’ then slowly back to its original setting	If re-setting does not clear the indication, the hob must be returned for repair
06	Coil sensor malfunction	Turn knob fully anti-clockwise to ‘—’ then slowly back to its original setting	If re-setting does not clear the indication, the hob must be returned for repair