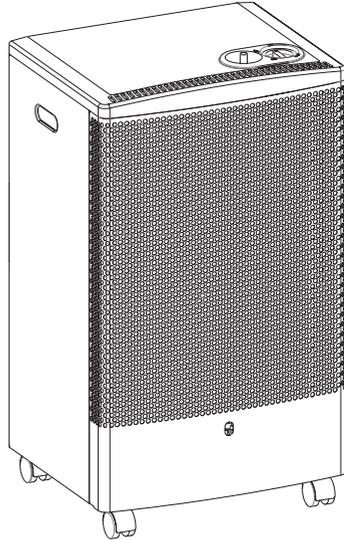


isc
ELITE
CATALYTIC
HEATER

USER MANUAL

CONTROLLED DOCUMENT NO: 00172UIRS0522V1



IMPORTANT SAFETY INSTRUCTIONS

Before using this Gas Cabinet please read this user manual, if you do not understand any of the instructions within please do not use and consult your retailer or the manufacturer for clarification. Failure to follow these instructions may result in damage to the product, property or cause personal injury.

**SAFETY, OPERATION & MAINTENANCE INSTRUCTIONS
FOR CATALYTIC HEATER- CABCATIH**

KEEP THIS BOOKLET FOR FUTURE REFERENCE



CATALYTIC HEATER

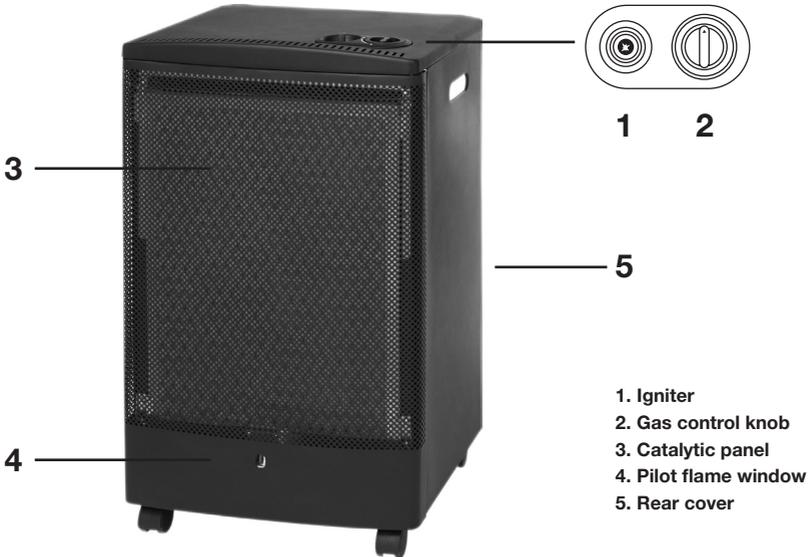
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INSPECT YOUR NEW PRODUCT

Thank you for purchasing the Elite Catalytic Heater, manufactured to the highest standards drawing upon over 20 years' experience supplying the UK hire and construction industry, this product will, if used in accordance with these operating instructions, labels affixed to the product and properly maintained, provide you with many years of reliable service.

CATALYTIC HEATER



GENERAL SAFETY INFORMATION

ENSURE gas cylinders are stored in accordance with relevant regulations.

ENSURE only propane/butane gas is used.

ENSURE the heater and gas cylinder is located on a flat level surface.

ENSURE the gas cylinder is used in the correct orientation with the valve at the top. Secure cylinder in position to prevent damage and movement.

ENSURE nothing is positioned directly in front or passes by the heater. Maintain a 1 metre exclusion zone immediately around the heater.

ENSURE only the supplied hose and regulator is used, if replacement is required ensure this is supplied by the manufacturer.

ENSURE the heater is used in a well ventilated area, as outlined within the operating instructions, the ventilation shall be continuous and free of obstruction. The ventilation shall be routed to an outside area in free air.

ENSURE the heater is kept clean and in good working order.

ENSURE the heater is turned off at both the control knob and the gas cylinder when not in use.

ENSURE the gas hose is in good condition, free from kinks and twists, if any damage is noted replace immediately before use.

ENSURE the heater is thoroughly cooled before handling or storage.

ENSURE the heater is stored in a safe, dry location preferably in the original packaging and disconnected from the gas cylinder if not to be used for a significant amount of time.

DO NOT use the heater if any parts are damaged. Immediately remove from service, repair or replace parts. Use an authorised service agent or the manufacturer only.

DO NOT modify the heater or operate a heater which has been modified from its original design.

DO NOT attempt to light if the hose is loose or damaged in anyway.

DO NOT allow untrained users, children or person with learning difficulties to operate the heater.

DO NOT use the heater outside or a wet environment such as swimming pools, baths or showers.

DO NOT operate the heater without any guarding supplied.

DO NOT leave the heater unattended whilst in use.

DO NOT use the heater within a potentially explosive environment.

DO NOT use duct work to direct heat. **DO NOT** restrict air on the inlet or exit.

DO NOT use naked flame to test for leaks. Use soapy water.

DO NOT move whilst on or immediately after switching off.

DO NOT use the heater or change the cylinder near flammable, combustible or explosive materials. This may include solids, liquids, or gases.

DO NOT use the heater while sleeping.

DO NOT expose the gas bottle to heat sources.

DO NOT place a heater in use near curtains, furniture, wood paneling or combustible material which can deteriorate with heat.

DO NOT move the appliance when in use this may be dangerous; the safety device could be activated by knocks or movement.

DO NOT press the ignition button for more than 40 seconds.

DO NOT use the heater in rooms where other gas cylinders are stored.

DO NOT use the heater without the gas cylinder fitted in the rear of the unit for stability issues

DO NOT insert your finger or any other object through the front panel of the heater.

DO NOT cover your heater or place any objects within 1m of the front or sides of the heater. This may cause materials to ignite or cause permanent damage.

GENERAL SAFETY INFORMATION

CAUTION – Parts of the heater will become extremely hot during use and may cause burns. Particular attention must be given where children and vulnerable people are present in use and after use allowing the product to cool.

CAUTION – The guard on the appliance is to prevent risk of fire or injury from burns and should not be removed. It does not give full protection for young children or the infirm, we would recommend a fireguard is installed and used.

WARNING – If you smell gas either before or during use either turn off immediately or DO NOT switch on. Switch off both the heater control knob and the gas valve on the cylinder. Ventilate the area, detect the source of the gas leak and rectify.

WARNING – If the heater is used for prolonged periods, it may be noted that ice forms on the gas cylinder **DO NOT** use the heater to de-ice the gas cylinder.

WARNING – Do not use in high rise flats, basements or below ground level or in leisure vehicles (mobile homes, caravans or tents). If used in public areas ensure national regulations are adhered to and adequate protect from unauthorised operation of the heater is implemented.

WARNING – This heater is not equipped with a device to control the room temperature. DO NOT use this heater in small rooms if occupied by persons not capable of leaving the room themselves unless under constant supervision.

WARNING – Children less than 3 years of age should be supervised at ALL times.

WARNING – Never attempt to disconnect the hose with the cylinder valve or regulator in the open position.

RISK OF CARBON MONOXIDE POISONING

Carbon Monoxide (CO) is toxic. Carbon monoxide can build up in a confined area and failure to provide adequate ventilation can be fatal.

Early symptoms include

- Headache
- Dizziness
- Nausea
- Dry mouth and sore throat

Pregnant women, persons with certain medical conditions, persons under the influence of alcohol and at high altitude are more susceptible to carbon monoxide poisoning. Should anyone present with these symptoms immediately move to outside for fresh air and if deemed necessary consult medical advice. Turn the heater off immediately and service before reuse.

We recommend the use of a carbon monoxide detector in use.

Ventilation and free space

Your heater consumes oxygen while it is in function. For that reason, adequate ventilation should be provided in rooms in which the heater is used. This ensures the removal of products of combustion and allows the entry of replacement air.

Adequate ventilation should reduce the possibility of condensation occurring.

Use only in a well-ventilated area. The minimum room size for the space heater should not be less than 40m³ with a free ventilation area of more than 40² cm divided equally between high and low levels. The values for required ventilation only relate to this product, therefore any other gas appliances and occupants also within the room need to be taken into consideration and adjusted accordingly.

INSTALLATION AND SET-UP

- Remove packaging and inspect for transit damage.
- Place the gas filled cylinder into the back of the heater
- Secure the gas regulator to the gas cylinder (fit for 15kg gas cylinder)
- Turn the regulator on.
- Avoid twisting the hose, please make sure to hose between the regulator and heater isn't kinked and avoid any sharp bends in the hose.
- The length of hose not less than 50cm, PVC or Rubber type, comply with BS3212-Class 2/EN1763-1-Class 3 / EN16436-1:2014+A3:2020

IMPORTANT TEST FOR LEAKS

This must be conducted in a well-ventilated area, free from naked flames and any other sources of ignition. With the regulator connected to the cylinder turn on the regulator control. Brush all hose connections, pipe connections to the valve and gas cylinder valve with a 50:50 solution of detergent and water. A stream of bubbles forming indicates a leak. If a leak is found turn off at the regulator and disconnect the regulator from the bottle immediately and remove the gas cylinder outdoors or to a well-ventilated area. Contact your gas supplier for assistance. **DO NOT USE THE HEATER**

- After leak testing is satisfactorily conducted close the back door of the heater. It may be necessary to move the heater slightly to allow the regulator and hose to fit in the back without kinking the hose
- It is recommended regular checks are made of the heater, making specific reference to the hose and connections. If there are any visible concerns remove from service and complete tests and corrective actions before returning to service. All tests shall be conducted by a suitable qualified person or the manufacturer.
- When using your heater for the first time or after prolonged storage upon first turning on there may be an unusual smell noted from the heater, this is normally any residue dust settled on the heater and should pass after several minutes of use. If this does not pass switch off immediately and inspect the heater. It is recommended upon first ignition this be conducted in a well-ventilated area away from any smoke detection device.

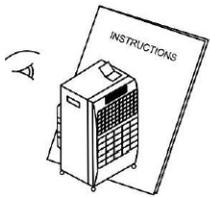
HOW TO CHANGE A GAS BOTTLE CYLINDER

- Turn off at the regulator and allow the heater to cool fully before removing and replacing the cylinder. Do not attempt to replace the cylinder whilst the heater is still running.
- Cylinders must be replaced in a flame free environment.
- Remove your empty cylinder.
- To connect a new cylinder refer to the "**installation and set-up**" section within these using instructions.
- The appliance should be tested for leaks after a new gas cylinder is connected.

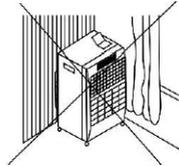
WHAT DO YOU DO IF YOU SMELL GAS

- Turn off at the regulator. DO NOT attempt to ignite the heater.
- DO NOT operate any electrical switch or any device that may produce a source of ignition.
- Open all doors and windows and ventilate the area if safe to do so.
- If safe to do so, move the heater outside.
- If safe to do so disconnect the heater from the gas cylinder

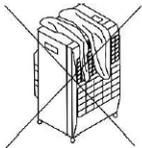
SAFETY PRECAUTIONS



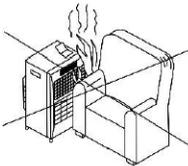
Always use the heater in accordance with instructions supplied with the heater. Keep instructions in a safe place for future reference.



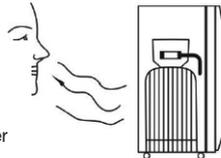
NEVER position heater close to walls or any flammable materials. Consider curtains or other soft furnishing that may move unintentionally and pose a risk of fire. The following minimum distances should be maintained; 50cm at either side and 100cm at the front of the heater. Always face the heater into the centre of the room. The heater should always be positioned on a flat level floor.



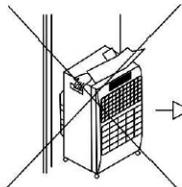
DO NOT place clothes or any other materials on the heater. This could cause a risk of fire.



DO NOT position heater close to furniture.



If a gas leak is suspected, turn the gas off at the cylinder. DO NOT disconnect the regulator. Check all connections. If possible, move the heater to a well-ventilated area. Slowly turn the gas on and brush the connections with soapy water or liquid detergents, a gas leak will form bubbles. If a leak is found, turn the gas off. DO NOT use the heater again until it has repaired by a competent person in accordance with the Gas Safety (installations and use)



NEVER move heater from room to room whilst ignited.

IGNITION INSTRUCTIONS

- Place the gas filled cylinder into the back of the heater.
- Connect the gas regulator to the gas cylinder.
- Turn on the gas regulator.

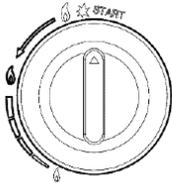


Fig 1

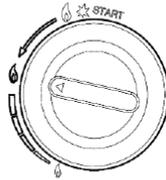


Fig 2

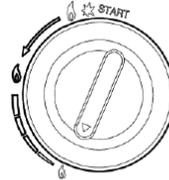


Fig 3

- The heater has three settings. Lighting and Maximum (Fig. 1), Medium (Fig. 2) and Minimum (Fig. 3)
- Position the switch into the position shown in Fig. 1. (maximum temperature and ignite) Depress the switch to rotate to the required setting.
- Continue to depress the setting switch and press the piezo igniter at the same time. This will generate a spark and ignite the gas. If the gas fails to ignite release and depress the piezo until the gas ignites. Repeat until the heater operates. If the gas fails to ignite visually confirm the piezo is generating a spark. It may be necessary to stop and ventilate the area after several failed attempts at ignition.
- Once the gas ignites release the piezo igniter however continue to depress the setting switch for approximately 20 seconds.
- If the pilot flames extinguishers repeat the process.

HEAT SETTINGS

- To change from “High” to “Medium” depress the setting control switch and turn it to Fig. 2.
- To change from “Medium” to “Low” depress the setting control switch and turn it to Fig. 3.

TURN OFF THE HEATER

- To turn off the heater turn off the gas supply at the regulator on the gas bottle cylinder. If the heater is not used for a period of time, disconnect the regulator from the cylinder and replace any valve protection plug or cover.
- Return the setting control switch to the START position.

STORAGE & TRANSPORT

- Ensure the product is thoroughly cooled before handling and storage
- Disconnect the gas cylinder
- Store the gas cylinder in a well-ventilated area away from combustible materials. Do not store in a basement, below ground-level or in direct sunlight or near any other heat source.
- The heater should be stored in a clean dry environment preferably in the original packaging.
- If transporting the heater disconnect the gas cylinder and add sufficient packaging to prevent transit damage, note the ceramic elements become fragile after use and must be protected from knocks and drops.

CLEANING, MAINTENANCE, AND TROUBLESHOOTING

CLEANING

- Use a lightly damp cloth with a mild detergent to clean the exterior and cylinder storage area of your heater.
- Make sure that no water gets onto the burners or pilot/light area. Wipe the heater dry before use.
- Don't use abrasive cleaners as they may damage the quality paint finish.
- Lightly vacuum the ceramic heater elements with the brush attachment of your cleaner to remove dust and debris from the elements

MAINTENANCE

- Check flexible gas hose between regulator and heater regularly and replace if perished, worn or damaged. In any case replace tubing taking into consideration the expiration date.
- It is recommended that the heater be serviced every year by a competent person in accordance with the Gas Safety (installations and use) Regulations 1998.
- If any parts need replacing, they should be replaced only with the correct parts supplied by the original manufacturer and carried out by a trained competent person or the manufacturer. Ensure the heater is tested after any repairs.

TROUBLESHOOTING

SYMPTOMS	FAULT	REMEDY
1. Pilot will not light automatically	No spark across electrode gap	(a) Ensure that piezo-electric ignition is functioning correctly. (b) Check that electrical lead is not damaged. (c) Check the battery power if the heater fitted with Push igniter and replace if required
2. Pilot will not light automatically but points (a) to (c) are satisfactory and the pilot will light with a match	Incorrect position of spark in relation to pilot gas flow.	Re-position spark plug so that spark jumps across gas flow.
3. Heater will not remain alight when pressure is released from ignition button / setting switch	Electro-magnetic valve closes whilst heater is alight.	(a) Ensure that thermocouple probe is located in pilot flame. (b) Ensure good connection between thermocouple and valve (c) Check thermocouple. (d) Check electromagnetic valve
4. Smell of combustion.	Heating temperature become lower than usual	(a) Damage of the catalytic pad. (b) Gas leakage from the gas circuit pipe. (c) Faulty regulator (d) Hose ageing

FOR YOUR SAFETY PURPOSE, CALL YOUR RETAILER OR MANUFACTURER IF YOU ARE EXPERIENCING ANY PROBLEMS.

SPECIFICATION DATA TABLE

Model	CABCATIH					
Product name	Catalytic Heater					
Standard	EN 449-2002+A1-2007					
Appliance category	I3+		I3B/P(30)	I3B/P(50)	I3P	I3B/P(37)
Type of gas	G30	G31	G30		G31	G30
Gas Pressure (mbar)	28-30	37	30	50	37	37
Destination countries	BE, CH, CY, CZ, ES, FR, GB, GR, IE, IT, LT, LU, LV, PT, SI, SK, TR		BE, BG, CY, CZ, DK, EE, FI, FR, GB, GR, HR, HU, IT, LT, MT, NL, NO, RO, SE, SI, SK, TR, IS	AT, CH, DE, SK, LU,	BE, CH, CZ, ES, FR, GB, GR, HR, IE, IT, LT, NL, PL, PT, SI, SK	PL
Heat input (Hs) KW(g/h)	3.2KW (Butane:232g/h; Propane:228g/h)					
Ignition	Pilot burner ignition					

RECYCLING



ENVIRONMENTAL PROTECTION: Please recycle any unwanted materials as opposed to disposing them as general waste. It is recommended the original packaging is retained and used to store the product when not in use for prolonged periods of time. If this is not applicable ensure the materials are sorted and recycled in accordance with local regulations.

SPECIFICATION CHANGE: It is our policy to continually improve products to ensure these meet the rigours of the industry we serve. Therefore, as such we reserve the right to alter specifications, data and components parts without prior notice.

WARRANTY: All Elite products come with a 1-year warranty from date of purchase, proof of which will be required in the event of any claim.

IMPORTANT: No liability will be accepted for the incorrect use of this product.



8504/22

PIN Code: 8504DN-0026



2531/22

P.I.N. : 2531DM-0029



The Hire Supply Company (UK) Limited
7-10 Eldon Road Trading Estate, Attenborough,
Nottingham, NG9 6DZ, UK - Tel: 0115 946 1988

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