

Guide to Cabinet Heaters

During the colder months, many people use mobile cabinet heaters to provide quick, localised heat where it's needed most. Available in a range of styles, these heaters are typically fuelled by butane gas cylinders and can provide an effective source of supplementary warmth.

Whilst we do not supply cabinet heaters, we do supply the gas cylinders used to power them.

This guide covers:

- **How long a gas bottle may last**
- **Estimating running costs**
- **Tips for reducing fuel consumption**
- **Routine inspection of gas equipment**

How Long Will a Gas Bottle Last?

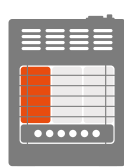
Most LPG appliances have a data plate showing their gas consumption, usually expressed in kilograms per hour (kg/h).

This figure typically relates to operation at the appliance's maximum heat setting. Most cabinet heaters offer multiple heat settings, meaning gas consumption will reduce and operating time will increase when using lower settings.

For example, a cabinet heater using a 15kg butane cylinder with a maximum gas consumption of 0.30kg/h would have an approximate running time of:

MANUFACTURER:	E296
TMC S.r.l.	
Traversa Viale del Lavoro,1 - 37013 Caprino Veronese (VR) - ITALY	
INFRARED HEATER	CAMILLA 4200 I
CATEGORY	I30(28)
COUNTRY OF DESTINATION	GB
TYPE OF GAS	BUTANE
RATED PRESSURE	28 mbar
RATED HEATING CAPACITY	4,2 kW(Hs)
CONSUMPTION	0,30 kg/h
P.I.N.	CE-0085AU0348 - UKCA 753791
SERIAL N°	
22Y04228	CE 0085/22 UK CA 0086/22

Calculation: Cylinder Capacity (kg) ÷ Appliance Consumption (kg/h) = Operating Hours



Low power (1 bar)

15kg ÷ 0.10kg/h = 150 hours



Medium power (2 bars)

15kg ÷ 0.20kg/h = 75 hours



Full power (3 bars)

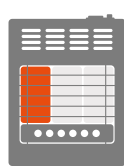
15kg ÷ 0.30kg/h = 50 hours

These are illustrative examples, actual operating times will vary depending on the heat setting used and the heater's specifications.

Estimating Running Costs

Once you know the expected running time, you can estimate the operating cost.

Calculation: Gas Cost ÷ Operating Hours = Cost Per Hour



Low power (1 bar)

£60 ÷ 150 hours = £0.40 p/hour



Medium power (2 bars)

£60 ÷ 75 hours = £0.80 p/hour



Full power (3 bars)

£60 ÷ 50 hours = £1.20 p/hour

Gas prices and appliance consumption rates will vary, so these figures should be treated as examples only. For up to date pricing, please contact our customer service team.

Top Tip



One of the advantages of a mobile cabinet heater is that it allows you to heat the room you're using rather than the entire property. By focusing heat where it's needed, it can often reduce overall energy consumption while maintaining a comfortable temperature.

Once the room reaches a comfortable temperature, try reducing the heater to a lower setting. In many situations this will maintain the desired temperature while significantly reducing gas consumption.

Cabinet Heater Safety

Most modern cabinet heaters incorporate a range of built-in safety features designed to help protect users during normal operation. These may include systems that automatically shut off the gas supply if the flame is extinguished, ventilation becomes inadequate, or the heater is accidentally knocked over. While these features provide important safeguards, they should never be relied upon as a substitute for proper use. Always follow the manufacturer's operating instructions, maintain adequate ventilation, and keep the heater clear of combustible material.

Smell Gas?

A strong smell of gas should never be ignored. If you suspect a gas leak:



Turn off the heater and gas supply immediately.



Do not use electrical switches or naked flames.



Open doors and windows to provide ventilation.



Contact a qualified LPG gas engineer for advice.

Routine Inspection of Gas Equipment

Mobile cabinet heaters are typically connected to a gas cylinder using a hose and regulator. The regulator reduces the cylinder pressure to a safe operating level for the appliance, while the hose carries the gas from the regulator to the heater.

As with any safety-critical equipment, hoses and regulators can deteriorate over time. Regularly inspect them for signs of damage, such as cracks, cuts, brittleness or excessive wear. If any damage is found, the equipment should be replaced immediately.

Even where no visible deterioration is present, LPG hoses and regulators should be replaced periodically in accordance with the manufacturer's recommendations. As a general guide, regulators are typically replaced every **10 years**, while hoses are typically replaced every **5 years**.



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Disclaimer: This guide is provided for general information only. Always refer to the appliance manufacturer's instructions and safety information for the correct installation, operation and maintenance of your cabinet heater. Running times, operating costs and heating performance will vary depending on the appliance, operating conditions and fuel prices. If you suspect a gas leak or have concerns about the safety of your equipment, stop using the appliance immediately and seek advice from a qualified LPG gas engineer.