

The Requirements J1/J2/J3/J4/J5/J6

This Approved Document, which takes effect on **1 October 2010**, deals with the following Requirements which are contained in the Building Regulations 2000 (as amended by SI 2001/3335).

Requirement	Limits on application
Part J Combustion Appliances and Fuel Storage Systems	
Air supply	
J1. Combustion appliances shall be so installed that there is an adequate supply of air to them for combustion, to prevent overheating and for the efficient working of any flue.	Requirements J1, J2 and J3 apply only to fixed combustion appliances (including incinerators).
Discharge of products of combustion	
J2. Combustion appliances shall have adequate provision for the discharge of products of combustion to the outside air.	
Warning of release of carbon monoxide	
J2A. Where a fixed combustion appliance is provided, appropriate provision shall be made to detect and give warning of the release of carbon monoxide.	Requirement J2A applies only to fixed combustion appliances located in dwellings.

ADDITIONAL PROVISIONS FOR APPLIANCES BURNING SOLID FUEL WITH A RATED OUTPUT UP TO 50kW

Carbon monoxide alarms

2.34 Where a new or replacement fixed solid fuel appliance is installed in a dwelling, a carbon monoxide alarm should be provided in the room where the appliance is located.

2.35 Carbon monoxide alarms should comply with BS EN 50291:2001 and be powered by a battery designed to operate for the working life of the alarm. The alarm should incorporate a warning device to alert users when the working life of the alarm is due to pass. Mains-powered BS EN 50291 Type A carbon monoxide alarms with fixed wiring (not plug-in types) may be used as alternative applications provided they are fitted with a sensor failure warning device.

2.36 The carbon monoxide alarm should be located in the same room as the appliance:

- on the ceiling at least 300mm from any wall or, if it is located on a wall, as high up as possible (above any doors and windows) but not within 150mm of the ceiling; and
- between 1m and 3m horizontally from the appliance.

Note: Further guidance on the installation of carbon monoxide alarms is available in BS EN 50292:2002 and from manufacturers' instructions. Provision of an alarm should not be regarded as a substitute for correct installation and regular servicing.

Diagram 29 **Open fireplaces: throat and fireplace components**

