

Rayburn 480AL CF & 480AG CF

480AL CF in British Racing Green

Introduced in March 2001 to replace the [460AL & 480AG](#).

Twin, polished insulating lids cover a single cast iron hotplate and available in a wide choice of colours. Both ovens are manufactured from cast-iron, therefore the lower one can be used as a simmering oven, when the cooker is up to full temperature. 'Slam-catch' doors are fitted, with the latest pattern, insulating covers, incorporating 'piano' style hinges. The thermostat controls are accessed through a door in the front-panel.

Two independently controlled atmospheric gas burners are provided, one solely supplying the heat for cooking operations, the other for heating and hot-water requirements, models being available for either LPG (propane) or Natural gas.

Cooker temperature control is by means of an electric thermostat, controlling a solenoid valve on the burner, which shuts down completely, when the desired temperature is reached. A permanent pilot with flame failure valve and Combustion Discharge Safety Device are also incorporated. It is intended that the cooker may be operated as a continually burning appliance or alternatively be timed and programmed by an external clock. Alternatively, if the external central heating programmer is multi-channelled, separate control could be given for cooking, hot-water and heating.

The low water content boiler is of copper construction, suitable for connection to fully pumped water systems only, either open vented or sealed. It can operate in conjunction with a wide range of external controls, such as cylinder or room thermostats, zone valves and programmer. Maximum boiler heat output for both models is 23.4 kW/h (80,000 Btu/hr), range-rateable down to 17.6 kW (60,000 Btu/hr).

Compared with its predecessor (480AG), a reduced flue diameter of 125mm (5") is used, with a reduction to 22mm diameter for the water pipe connections.

From February 2004 the boiler burner incorporated electronic ignition, replacing the permanent pilot. Production continues.





Pre February 2004



February 2004 onwards