

Rayburn 460AL & 480AG



480AG in Claret



460AL in Cream

Both these models were launched in April 1999, to combine the benefits of the larger 400 series, with the well-proven features of the popular [Rayburn 380](#) cooker.

Twin, polished insulating lids covered a single cast iron hotplate and the cooker was available in a wide choice of colours. Both of its ovens were manufactured from cast-iron, therefore the lower one could be used as a simmering oven, when the cooker was up to full temperature. 'Slam-catch' doors were 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 were 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 was by means of an electric thermostat, controlling a solenoid valve on the burner, which closed down completely, when the desired temperature was reached. A permanent pilot with flame failure valve and Combustion Discharge Safety Device were also incorporated. It was intended that the cooker could be operated as a continually burning appliance or alternatively be timed and programmed, for which purpose, an external programmer was available as an optional extra. Alternatively, if the central heating programmer was multi-channelled, separate control could be given for cooking, hot-water and heating.

The low water content boiler was of copper construction, suitable for connection to fully pumped water systems only, either open vented or sealed. It could operate in conjunction with a wide range of external controls, such as cylinder or room thermostats, zone valves and programmer. Maximum heat output was 23.4 kW/h (80,000 Btu/hr) for the natural gas model, but it was possible to range-

rate this down to 17.6 kW (60,000 Btu/hr). The LPG version had a fixed boiler output of 18.5 kW (63,000 Btu/hr)

A 150mm (6") diameter flue was used, with 28mm water pipe connections.

Production ceased in March 2001, being replaced by the [480AG/AL CE](#)