

Rayburn GD80, 370L, 380G



GD80



380G

Introduced in 1992, the Rayburn GD80 fulfilled the need for a range cooker, suitable for connection to larger, modern central heating systems.

Twin, chrome 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.

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 to a bypass rate when the desired temperature was reached. A permanent pilot and flame failure valve 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 (80,000BTU/hr), but it was possible to range-rate this down to 17.6kW (60,000BTU) on both models.

In 1994 the models were re-designated as the 380G (natural gas) and 380L (propane).

In 1995 they received CE approval with the inclusion of a Combustion Discharge Safety device. Thereafter, the models carried the suffix CE, and the propane model became the 370LCE. These modifications affectively changed the cooker control arrangements to an on/off style appliance, as the cooker burner now extinguished completely when the desired temperature was reached. It was no longer possible to down rate the boiler output on the 370L model.

By 1997, the products had acquired 'slam catch' doors and modified insulating lids.

During 1999 the insulating lids were again restyled to incorporate 'piano' hinges, to bring them in line with other models.

Production of the 380G & 370L ceased in autumn 2000, having been largely superceded by alternative models in the new 400 series.