

Rayburn 400 oil-fired series **(Open Flue models)**



Original Programmer & controls



Programmer 1997 - 2011



Programmer 2011 onwards

A new generation of Rayburn cookers were introduced in 1994 and became known as the 400 series, incorporating a number of important, new features. This included having two cast-iron ovens, integral programmer, 'slam catch' doors, and the use of twin, pressure jet, Nu-Way oil burners to give fast recovery rates, as it was intended that these models should be used as intermittent, on/off appliances. The cooker was also built to an increased height, so as to match with standard kitchen worktops at 910mm.

Twin, polished insulating lids covered a single cast-iron hot-plate, and since the lower oven was also of cast iron construction, this could be used for lower temperature cooking and simmering when the cooker was up to full temperature. The thermostat controls and programmer were located at the front of the cooker, behind a fourth door.

Both burners were independently controlled, one providing the heat for the cooking operations, the other for the boiler requirements serving domestic hot-water & heating. For the Kerosene models (K), a choice of three boiler outputs were offered, viz. 17.6, 23.4, 29.3kW (60,000 -100,000 Btu/hr), using a fabricated mild steel boiler. The boiler was suitable for connection to a wide range of fully-pumped, modern central heating systems, including under-floor heating, sealed & un-vented systems.

The Gas-Oil, Diesel (D) model was only offered with a boiler output of 23.4kW

In early 1996, the burner design was changed to a modular construction and several other minor modifications carried out, in preparation for the introduction of the balanced-flue and gas-fired models.

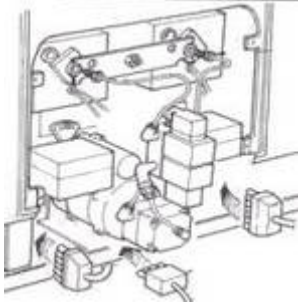
During the autumn of 1997 the range was significantly revised, including the withdrawal of the gas-oil (diesel) model. As part of the restyling, the flue diameter was reduced from 150mm to 125mm (5") and additional controls fitted, including a new type programmer with independent control of each channel. Henceforth, the oil line connection was moved to the right-hand side. The new models were usually suffixed MX, to differentiate against previous types.

February 2001 saw the introduction of an alternative Ecoflam oil-burner, but with no alteration to the product's features, benefits or dimensions.

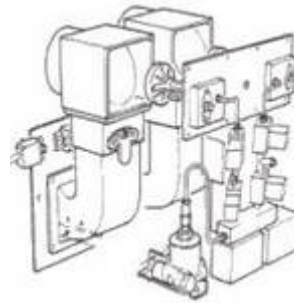
During September 2004, a reduced boiler output model was introduced (440K).

Further minor restyling has since taken place in line with other Rayburn models including colour options.

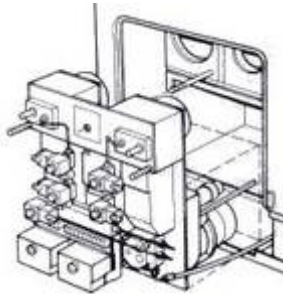
Production continues.



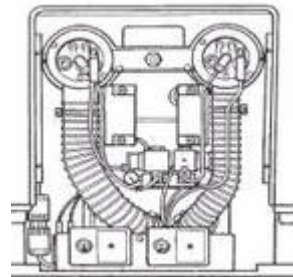
Nu-Way burner 1994 - 1996



Nu-Way burner 1996-1997



Nu-Way burner 1997 - 2001



Ecoflam burner 2001 onwards