

Rayburn Oil Nouvelle & 368K

To complement the existing Solid Fuel & Gas-fired models, the Oil-fired Nouvelle cooker was introduced in 1988. A wide choice of colours were available, with a black hob and polished chrome insulating covers, as standard.

In 1994 the product was re-designated as the Rayburn 368K, with slam-catch doors being introduced in 1998.

Recognizable by the full height control panel on the left hand side of the cooker and its associated oil control valve.

Designed to operate on 28sec.Kerosene oil, twin burners were fitted, giving approximately 61,000Btu/hr (18 kW) of central heating in addition to cooking and domestic hot water.



The vapourising sleeve, cooker burner is designed to operate continuously, being under the control of an electrical oven thermostat, which in turn determines the oil flow rate at the oil control valve. Some of the heat from the cooker burner transfers into the boiler to produce Domestic hot water, typically 100 gallons over a 24 hour, supplied to an open-vented, gravity hot water system and stored in a 40 gallon (190 litre) cylinder.

Early cooker burners had a single rectangular sleeve, but from 1996 onwards this was changed to a 3 section circular type.

The boiler burner is of the fanned, pot type, intended for intermittent operation, having sequential control to give automatic ignition and flame supervision. The Oil flow rate is fixed, although early model oil control valves were adjustable. Some minor changes to the burner and its control system have taken place, in particular, by 1990 a separate pilot ignition oil feed was added, and in 1992, a PCB control module was introduced.

The burner is controlled by a water thermostat and can also be linked to external controls such as a time clock or room thermostat. The central heating system must be pump assisted, and running whenever the boiler burner is in operation.

With both burner in full operation the boiler output rises to 68,500 Btu/hr (20kW)

In the event of an electricity power cut the cooker burner only can be used, under the control of a manual lever, situated on the oil control valve.

Production ceased in Spring 2007.