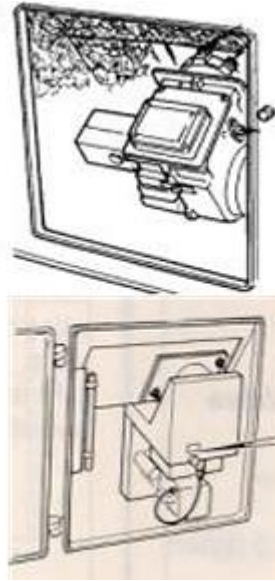


## Rayburn PJ & 360K/D



Rayburn 360K



Burner types - Monoflame (top) G.P. (lower)

Introduced in 1991, this was the first Rayburn cooker to use a single pressure jet oil burner, providing the combined functions of cooking, domestic hot water and central heating, in many respects similar to a solid fuel cooker, but offering the flexibility of intermittent use and rapid response. Designed to operate on a conventional flue system. In 1994 it was renamed the 360K (for kerosene) and 360D (for gas-oil).

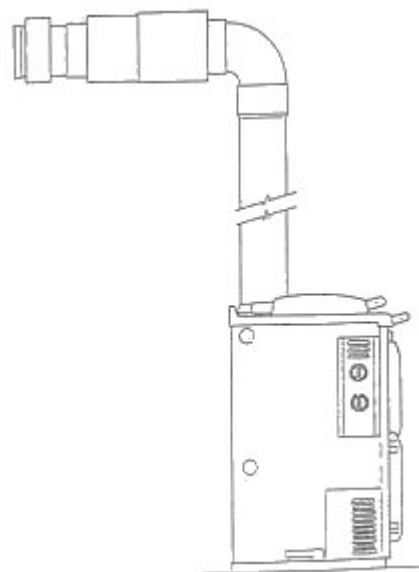
Available in a wide choice of colours with black hob and polished chrome insulating covers, it featured a main cast iron oven, with a lower warm storage area. Two separate thermostats were provided, one for controlling the cooking temperature, the other sensing the boiler water temperature. The cooking thermostat had automatic priority by means of a relay, used in conjunction with a manual flue-way damper (priority lever), the latter directing the heat towards the cooker or boiler. From 1994 onwards, an additional manual electrical switch determined the thermostat priority.

The maximum boiler output is 17.6 kW/hr (60,000Btu/hr) but loose firebricks are provided, which can be positioned and fitted, so as to progressively reduce the boiler output during the non-heating season down to 11.1kW/hr (38,000Btu/hr)

A fully-pumped plumbing system is required, with an appropriately sized heat leak radiator(s) and zone valves. Although a time-clock and cylinder thermostat may be fitted externally to the Rayburn, it is not intended for a room-thermostat to be used.

For a short while following its launch, a G.P. Phoenix burner was used, before switching to the current Monoflame/Ecoflam type.

The model 360K was suitable for burning 28 sec Kerosene or 35 sec gas-oil (diesel) - model 360D. In this form, it incorporates an additional nozzle pre-heater.



During 1993-1994, a special low-level flue kit was available for the kerosene model only. Useful for situations where no conventional chimney was available, this allowed for the flue

to rise vertically for approximately 900mm, before bending at 90 degrees and terminating immediately on an appropriate external wall. The kit consisted of the necessary flue-pipe, bend, acoustic tube & box and terminal.

Production ceased Spring 2003.