

## **TECHNICAL DETAILS FOR SOLID FUEL RAYBURN SUPREME**

**Please note the site preparation must be carried out before the fitting of the cooker**

<b>DIMENSIONS :</b>	Height	32 1/4"	820mm
	Width	35 1/2"	905mm
	Depth	23"	582mm
	Height with lids raised	50"	1260mm
	Centre of flue pipe to right side		
		3 3/4"	95mm
	Centre of flue to back	4 1/2"	112mm

### **FLUE**

The chimney should be of sound construction.

Internal or external prefabricated flue is to be 6" double insulated.

The flue may exit vertically or horizontally from the flue box which is on the right hand side.

We recommend that an anti down draught cowl is used.

We supply the vitreous enamel flue pipe from the Rayburn to your chimney and charge accordingly. Prices overleaf.

### **VENTILATION**

We recommend ( as per regulations) that a permanent air vent with a minimum effective area of 6" square (or the cross sectional area of the flue pipe, whichever is the greater) should be provided. It should be on an outside wall in a high position.

### **FUEL**

Any type of domestic coal, most forms of smokeless fuel as well as wood or peat. All these fuels have different calorific values and therefore heating performance will vary accordingly.

### **HOT WATER / CENTRAL HEATING**

The Rayburn will supply domestic hot water and approximately 8 single radiators.

The b.t.u. output is 50,000.

The Rayburn must be connected to a GRAVITY FLOW SYSTEM which must be indirect, with a 40 gallon hot water cylinder. It can only be controlled by timing the central heating pump.

Either a flow pipe or hot water cylinder thermostat should be fitted to switch on pump if water reaches a certain temperature.

The water pipes exit from the left hand side of the Rayburn.

The flow pipe is 29.5" from the centre of the pipe to the base of the cooker.

The return pipe is 13" " " " "

Both pipes are 2.25" from the centre of pipes to back of Rayburn.

Pipe size is 28mm.

The hot water tank must be no further than 18 feet away from the Rayburn, otherwise heat efficiency may be lost.

## **PLINTH**

The Rayburn should be positioned on a level base of non-combustible material. Depth and width as the above dimensions , and height is optional.

## **FITTING**

Installation is carried out by your local HETAS Engineer

We would expect to arrive to find a fully prepared site i.e. that the chimney is ready or installed, the water pipes are ready, base/plinth is ready and that there is a supply of coal.

The above site preparation details are to be used as a guide only and must be used in compliance with local building regulations.

## **SERVICING**

We recommend that the solid fuel Rayburn Supreme is cleaned at frequent intervals and that the chimney is swept once a year.

The Rayburn has a 12 month guarantee. This covers all parts, excluding consumable parts which should be replaced on servicing.

We recommend that only warm water and a mild liquid detergent are used on the cooker for cleaning.

The Rayburn will be supplied with one wire oven rack and two flat oven trays. Further trays are available at extra cost.

## **PRICES FOR BLACK VITREOUS ENAMEL FLUE PIPE**

6 inch / 150mm prices plus VAT

Standard pipes	600mm 1000mm
Pipes with door	600mm 1000mm
Elbows	45 degree 90 degree
Elbows with door	45 degree 90 degree

## **Accessories**

standard joint clamp band

increaser

adaptor vitreous to stainless steel

adaptor to flexible liner