

What you should know

Naturally, before buying a solid fuel range cooker or central heating cooker there are a number of points to consider. The following information covers some of the most frequently asked questions.

1. Burning solid fuels

Wamsler solid fuel appliances can be heated with wood, anthracite, manufactured smokeless fuels and peat turfs/briquettes. The fireboxes have a large capacity and, according to model, can take logs from 370mm up to 420mm. There is a wide opening door to the firebox or, in many cases, you can also load from the top through a lift-up section in the hob.

Automatic temperature control

A temperature control allows the combustion air (or 'primary air') to be accurately adjusted and the heating system or oven to be regulated. According to model, thermometers are conveniently located in the viewing window or on the front fascia making temperature setting easy.



Secondary air control

When burning wood, you can improve your fuel efficiency by feeding in secondary air for a 'cleanburn'. This not only improves combustion but also greatly reduces any soot particles emitted into the atmosphere.



Control of the firebox

The height of the grate is adjustable. This means that in winter you can load enough fuel for up to 12 hours of continuous burning on a low setting. With a central heating cooker, when you raise the height, you reduce the heat output to the hot water system and save on fuel cost if you want mainly to cook. Ideal for the summer months!



Easy ash removal

The grate can be riddled whilst the ash compartment door is closed, regardless of its height setting. Baffle plates underneath the grate guide the cinders and ashes into the large capacity ashpan.

Air-cooled doors

The doors to the oven, firebox and ash collection compartment are cooled by convection to help reduce the surface temperature.

2. Central heating cookers and boilers

Combustion

As a general guide, at the maximum temperature setting, a single loading of coal/smokeless fuel lasts around 3 hours on a high setting and up to 12 hours on a low setting. A loading of logs will last approximately ½ hour to 1½ hours on high and 2-8 hours on low.

Hot water supply

We recommend you consult a qualified heating engineer before ordering to ensure the hot water supply and capacity are suitable for your needs.

3. Solid fuel range cookers

As a general guide, at the rated heat output a single loading of coal/smokeless fuel lasts a minimum of 2 hours whilst a loading of logs will last a minimum of ½ hour. The minimum burn time is the period during which it is not necessary to add fuel. Where further cooking time is required, the remaining embers are usually sufficient to ignite a further load.

Because solid fuel appliances must have sufficient air for combustion, a permanent air supply from outside will be required via a vent.

4. Installation

The fitting of all solid fuel heating appliances must be undertaken by a suitable qualified engineer (HETAS registered in the UK). This engineer must carry out a full site survey to verify that the location and chimney/flue conditions are appropriate for the appliance under consideration.

Appliances must not be placed in front of walls made of flammable material, or covered by such material. The floor underneath the cooker must be constructed of a suitable non-combustible material and this must also extend at least 500mm to the front and 300mm to the side. Additionally, no flammable or temperature-sensitive items should be positioned within 800mm of the front of the cooker.

The distance from the sides of the cooker to kitchen units, furniture or other wooden objects must be a minimum of 200mm although this can be reduced to 55mm with the use of a Wamsler spacer unit. A 110mm spacer provides even greater protection. Wall cupboards should be fitted a minimum of 700mm from the hotplate.

Full installation instructions can be obtained prior to purchase by downloading them from www.wamslercookers.co.uk