

REDFYRE

WOODBURNING, MULTI-FUEL
& BOILER STOVES





A heritage of heating...

With its origins in the iron foundries of Victorian Sheffield, Redfyre cooking ranges, grates and room heating appliances have been providing a comforting glow to homes throughout Britain, Ireland and the Commonwealth for many decades. Today, that tradition continues with the company's 'Kensal' range of woodburning and multi-fuel stoves.

As you would expect from such a heritage, these latest stoves are robust, practical and efficient, with a construction that combines the very best attributes of iron and steel. The heavy gauge steel firebox is complemented by airtight cast iron doors and durable cast iron

fittings and, in the case of multi-fuel models, a rotating grate that can be riddled from outside the stove to improve combustion.

The stoves also, quite naturally, incorporate a powerful Airwash system and the latest Cleanburn technology. Airwash makes a stream of air flush down the inside of the window thus helping to keep it as clean as possible for a better view of the fire, whilst Cleanburn is a specially designed feature to create a cleaner combustion and more efficient heat output from your fuel – saving you both time and money.

Environmentally-friendly warmth...

Every Kensal stove has been meticulously developed to burn wood or smokeless fuels with equal proficiency and carries the CE mark.†

Logs are better in environmental terms as the quantity of carbon dioxide released into the atmosphere is similar to that absorbed by the tree during growth. It is also a renewable resource, particularly when derived from plantations and cultivated woodland. For optimum results, we recommend logs should be seasoned for 2 years or more to achieve a moisture content below 20%. This will not only give twice the heat output of freshly felled timber but help avoid a build up of tar in your flue. Furthermore, if you can obtain hardwood logs this is better still, as they will have around twice the calorific value of softwoods.

In country areas, Kensal stoves have a particular advantage as they allow homeowners to burn readily available log supplies from local sources, rather than look to increasingly expensive oil or LPG equivalents. Indeed, if you have a large garden or spinney or you are a farmer, smallholder or country landowner your fuel could even be free.

For town and city homes, the Kensal 20 and Kensal 33 are so cleanburning that they have also been approved by DEFRA for the burning of logs in Smoke Control Areas.

† Excluding Kensal 40HB



Boiler option for complete home heating...

The latest addition to the range is the Kensal 40HB with integral high-output boiler. Boasting an impressive heat output of 10kW (34,000BTU), it can not only emit a very comfortable warmth to the room in which it is fitted, but additionally can supply up to 9 radiators as well as providing ample supplies of domestic hot water.

You can even 'Link Up' your Kensal boiler stove to work with conventional oil or gas central heating, sealed heating systems, combi boilers, under floor heating and even solar panels. A useful 'link up' guide can be obtained from your Redfyre retailer, or on the Redfyre website at www.redfyrecookers.co.uk





Redfyre Kensal 33 Multi-fuel
with canopy burning logs

REDFYRE

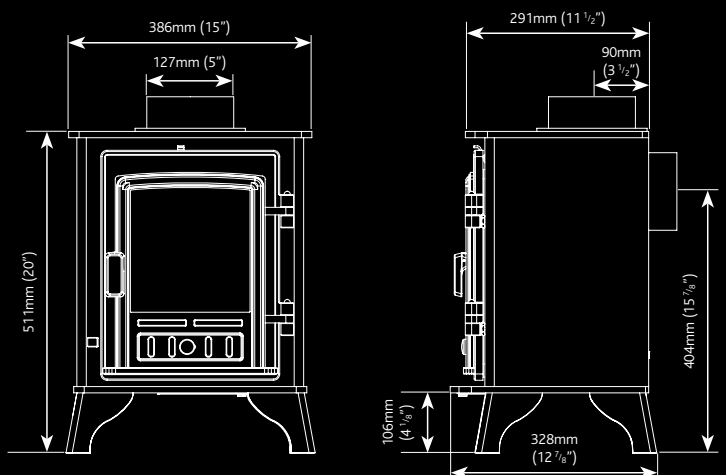
Compact yet powerful, the Kensal 20 not only has the performance and fuel efficiency to heat your room or living space effectively but has also been designed with an up-to-date, traditional look that will perfectly complement either a rural cottage or modern fireplace setting.



- Burns logs, anthracite or smokeless fuel
- External riddling
- Maximum heat output 3.75kW
- Maximum log length 20cm
- Cleanburn
- Airwash
- Approved for Smoke Control Areas
- Flat top
- No room vent required
- Top or rear flue outlet
- Traditional matt black finish



Product codes	Description
RF-KEN20M	Kensal 20 Multi-Fuel with flat top
4500	1' straight flue pipe
4501	2' straight flue pipe
4502	3' straight flue pipe
4504	1' straight flue pipe with door
4505	2' straight flue pipe with door
4506	3' straight flue pipe with door
4542	1' 3" – 2' 1" telescopic straight flue pipe
4540	3' 4" – 4' 6" telescopic straight flue pipe
4516	Tee piece with end cap





Kensal 20...



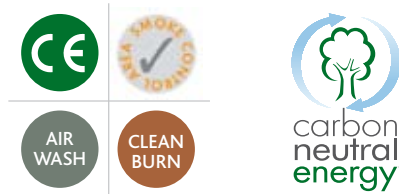
If you have a little more space available than the Kensal 33 will provide you with the extra heating capacity to make slightly larger rooms cosy throughout the winter. You can also choose from woodburning or multi-fuel models and flat top or low canopy versions†.

†See image on page 3

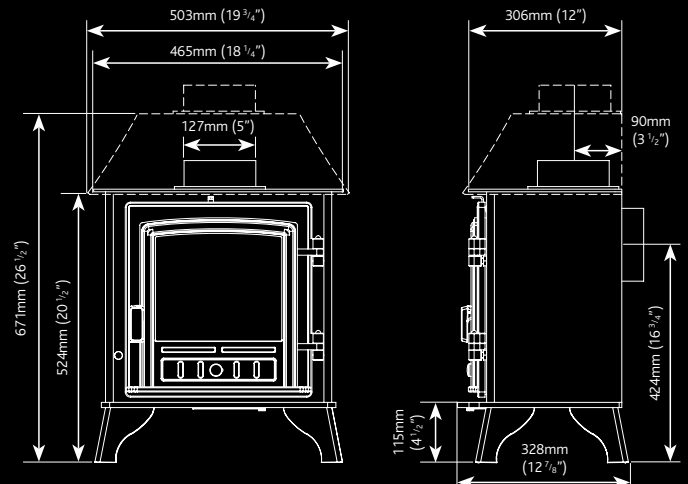


- Woodburning model
- Multi-fuel model with external riddling
- Maximum heat output 4.9kW
- Maximum log length 33cm
- Cleanburn & Airwash
- Flat top or low canopy
- Approved for Smoke Control Areas*
- No room vent required
- Top or rear flue outlet
- Traditional matt black finish

* Flat top model only



Product codes	Description
RF-KEN33W	Kensal 33 Woodburner with flat top
RF-KEN33WLC	Kensal 33 Woodburner with low canopy
RF-KEN33M	Kensal 33 Multi-Fuel with flat top
RF-KEN33MLC	Kensal 33 Multi-Fuel with low canopy
4500	1' straight flue pipe
4501	2' straight flue pipe
4502	3' straight flue pipe
4504	1' straight flue pipe with door
4505	2' straight flue pipe with door
4506	3' straight flue pipe with door
4542	1' 3" – 2' 1" telescopic straight flue pipe
4540	3' 4" – 4' 6" telescopic straight flue pipe
4516	Tee piece with end cap





Kensal 33...



The top-of-the-range Kensal 40 models offer significant heating potential as well as the opportunity to provide hot water and run radiators. All versions also feature traditional window crosses which can be removed to provide a clear door option if you prefer.



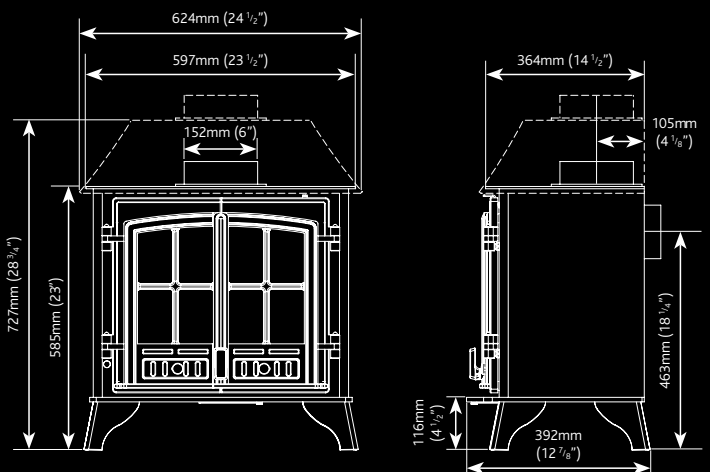
- Woodburning model
- Multi-fuel model with external riddling
- High-output boiler version
- Maximum heat output 8kW
- Maximum log length 40cm
- Cleanburn & Airwash
- Flat top or low canopy
- Removable window crosses for 'clear door' option
- Top or rear flue outlet
- Traditional matt black finish



Product codes

Description

RF-KEN40W	Kensal 40 Woodburner with flat top
RF-KEN40WLC	Kensal 40 Woodburner with low canopy
RF-KEN40M	Kensal 40 Multi-Fuel with flat top
RF-KEN40MLC	Kensal 40 Multi-Fuel with low canopy
4600	1' straight flue pipe
4601	2' straight flue pipe
4602	3' straight flue pipe
4604	1' straight flue pipe with door
4605	2' straight flue pipe with door
4606	3' straight flue pipe with door
4642	1' 3" – 2' 1" telescopic straight flue pipe
4640	3' 4" – 4' 6" telescopic straight flue pipe
4616	Tee piece with end cap





Kensal 40...

[Left] Redfyre Kensal 40 Woodburner with canopy
(and window crosses removed) burning logs

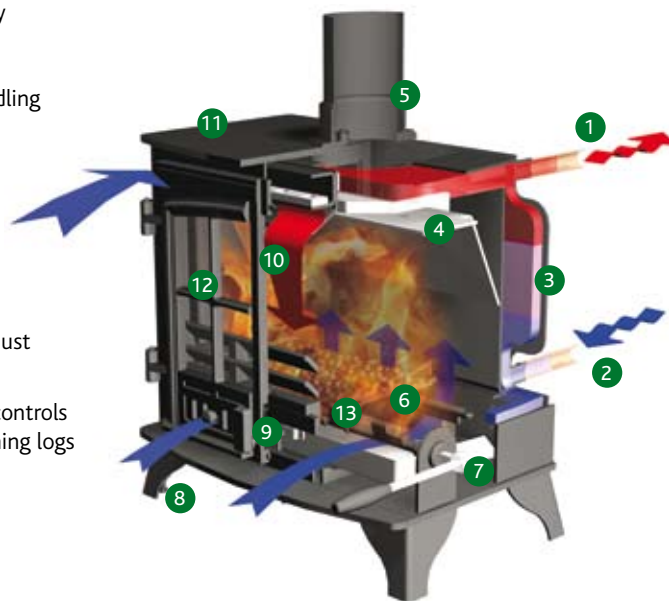
[Right] Redfyre Kensal 40 Multi-fuel
burning smokeless fuel



The Kensal 40HB has been specifically developed to supply your domestic hot water and central heating requirements or to supplement your existing central heating system via 'link up' technology, hence reducing your reliance on gas or oil. The Kensal 40HB incorporates a riddling grate designed for burning smokeless fuels, as these tend to provide greater calorific values. However, you can reduce your CO₂ emissions by burning a combination of smokeless fuels and logs together. Should you prefer to burn wood only, you can still achieve good performance but, as logs burn best with slightly different firebox characteristics, we recommend you purchase the optional log tray.

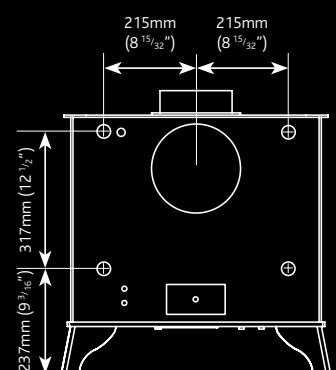
Key features of the Kensal 40HB

- | | |
|---|---|
| <ul style="list-style-type: none"> 1 Excellent heat output to water
Max. system rating 10kW (34,000BTU)* 2 4 x 1" BSP boiler tappings for flexible, efficient connection to your hot water circuits 3 Extensive water jacket on 4 sides for maximum heat transfer 4 Highly developed boiler flue baffle system ensures maximum efficiency 5 Top or rear flue exit 6 Specially designed reciprocating riddling grate for effective removal of ashes 7 Discreet external riddling socket with removable tool 8 Adjustment facility within each foot ensures complete stability on uneven surfaces 9 Primary air controls to manually adjust the running temperatures 10 Airwash helps keep glass clear and controls the running temperature when burning logs | <ul style="list-style-type: none"> 11 5mm and 10mm heavy duty steel body 12 Removable door crosses 13 Large ash collection tray 14 Optional thermostatic control to maintain desired running temperature (not illustrated) 15 Optional wood tray (not illustrated) |
|---|---|



* Nominal heat output to room 4.9kW. Nominal output to boiler 8.2kW.

Product codes	Description
RF-KEN40HB	Kensal 40HB Boiler Multi-Fuel with flat top
RF-K7113WT	Woodburning tray for Kensal 40HB Boiler
RF-KSTATST	Thermostat for Kensal 40HB Boiler
4600	1' straight flue pipe
4601	2' straight flue pipe
4602	3' straight flue pipe
4604	1' straight flue pipe with door
4605	2' straight flue pipe with door
4606	3' straight flue pipe with door
4642	1' 3" – 2' 1" telescopic straight flue pipe
4640	3' 4" – 4' 6" telescopic straight flue pipe
4616	Tee piece with end cap



For front and side view diagrams & dimensions, please see page 8.



Kensal 40 Boiler Stove...

[Above] Redfyre Kensal 40HB Boiler Stoves with window crosses removed burning logs



YOUR REDFYRE RETAILER:



REDFYRE

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Redfyre pursue a policy of constant product improvement. Products may therefore differ in specification from those illustrated and described in this brochure. Installation instructions can be downloaded prior to purchase from www.redfyrecookers.co.uk

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