



The Infinity Range. Warmth, with infinite style and vision.

Charlton & Jenrick^{LTD}
Best of British fires, fireplaces & stoves

Welcome to Infinity HD fires.

British made for the British market, Infinity HD Gas Fires have the appearance of Continental fires although they are designed to work in UK households. The Infinity brand of gas fires are part of the Charlton & Jenrick group which have been manufacturing and supplying to the fireplace industry since 1986.



This new range of Infinity HD gas fires is the second generation offering of the popular range from Charlton & Jenrick. These new fires build on the looks and performance of the original range and now offer improve even more realistic fuel beds and flame pictures, mains electric power and improved firebox liners to mention just a few.

Mains Power

Being mains powered offers a number of advantages over the battery operated versions, most notably no need to be regularly replacing batteries but the lack of batteries also means reduced metal work at the front of the fire meaning you see more flame and fuel bed and less metal work framing your fire. The mains power is provided by a lightweight 9V cable which will easily under skirting board or flooring and simply plugs into a standard plug socket. Should there be a power cut to your home the fire is supplied with a battery pack (batteries not included) that can simply be plugged into the fires power supply by removing the cable from the transformer (at the plug socket) and connecting to the battery pack instead.

Choice of Logs

Choose from realistic effect Walnut or Silver Birch logs on your Infinity HD fire.

Three Firebox Liner Options

All four Infinity HD models featured in this brochure give you the choice of three firebox liner options. Choose from Beige Vermiculite, Red Brick or Black Mirror Glass.

Standard or Reduced Reflectivity Glass

All the Infinity HD gas fires are glass fronted to make them ultra efficient. You have a choice whether to have the standard glass or the optional reduced reflectivity glass. The reduced reflectivity eliminates the majority of reflection to give the appearance of an "open" fire without any glass in.

Black Glass Fascia Option

The 480HD, 780HD and 800HD all have an optional of a modern stylish black glass fascia for the fires when installed into the wall.



Infinity Smart Control Remote App

As well as the high quality radio frequency remote control that comes as standard with all Infinity HD gas fires there is the optional extra of controlling the fires using your phone or tablet.

Once installed on your phone or tablet the Infinity Smart Control Remote App acts as a remote control and connects via your WiFi internet router or can connect directly using WiFi to the fire.

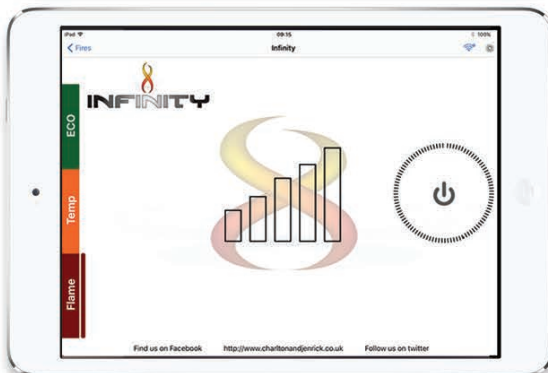
Using the App in FLAME mode you can manually control the fire by lighting it and operating the fire flames (and therefore the heat output) from low to high in five stages. This intuitive design allows you to easily scroll and set the flames to your desired level.

The App monitors the ambient room temperature so you always have the current status and can easily control the fire accordingly.

Alternatively you can use the TEMP STAT feature which allows you to set the preferred ambient temperature for the room and the fire will automatically adjust between the five output settings to keep the room at your desired level (the App will refresh and analyse the ambient room temperature every minute and adjust accordingly).

Illustrating C&J's commitment to the environment and long term approach to the gas fire market, an important enhancement to the new Infinity HD range is its bespoke Smart App control featuring an all new Eco mode. Designed to provide the triple benefits of economy, reduced CO₂ emissions and the extra viewing interest of flame modulation, the Eco setting feature consumes 16% less fuel on average than the permanent maximum mode.

The major benefits to the user are that the attractive flames can be enjoyed to the full, reaching maximum height on a programmed



reducing the possibility of overheating the living space and associated overuse of fuel.

The bespoke computerised control achieves energy savings by electronically adjusting the gas flow to the burners every 10 seconds on a rolling cycle basis to vary flame height and gas consumption.

Smart controls are becoming part of every day operational enhancement of appliances and together with user convenience of remote control will provide economy of fuel consumption and reduced environmental impact whilst retaining the visual and aesthetic pleasure of a highly attractive living flame heating unit.

When your Infinity gas fire is first installed you can use the App to go onto the online warranty registration and register your 5 years guarantee. From the App you can also gain easy access to Charlton & Jenrick's website and social media channels for tips and advice on running your fire and latest news and product updates.



Infinity 480HD

The size of the 480HD means that it will fit in most fireplaces and as such makes this a very versatile fire.

Key Features of the Fire:

- Ideal size for many fireplace surrounds.
- Can also be fitted as a hole-in-the-wall either flush or with slips.
- Optional black glass fascia is available for hole-in-the-wall installations.
- Choice of three firebox liners: Beige, Red Brick or Reflective Black Glass.
- Mains powered radio frequency remote control for ease of use.
- Available with anti-reflective viewing glass as an optional extra. This reduces the majority of reflection and gives the fire an "open" effect.



Gas Type	Gross Input	Output	Net Efficiency	Visible Dimensions mm (w x h)	Chimney Types
Natural Gas	5.1kW	3.8kW	83%	509 x 448	Class 1 & 2





Infinity 780HD

A great size fire for low and wide fireplaces or to install as a hole-in-the-wall fire.

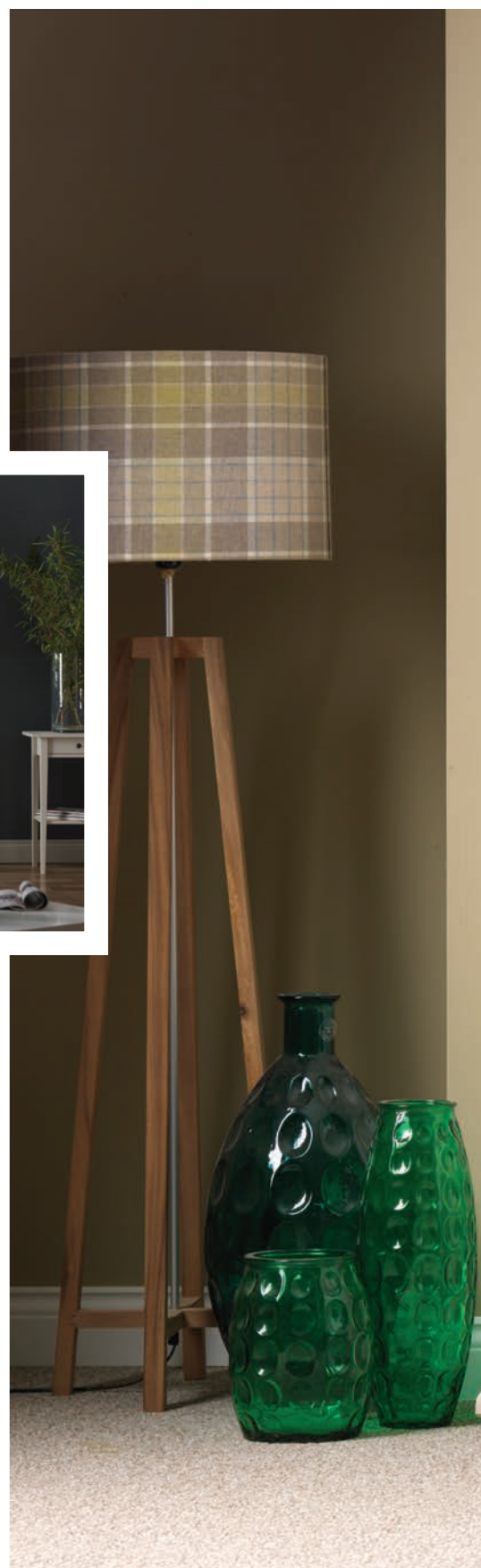
Key Features of the Fire:

- Can also be fitted as a hole-in-the-wall either flush or with slips.
- Optional black glass fascia is available for hole-in-the-wall installations.
- Choice of three firebox liners: Beige, Red Brick or Reflective Black Glass.
- Mains powered radio frequency remote control for ease of use.

- Available with anti-reflective viewing glass as an optional extra. This reduces the majority of reflection and gives the fire an "open" effect.



Gas Type	Gross Input	Output	Net Efficiency	Visible Dimensions mm (w x h)	Chimney Types
Natural Gas	6.6kW	4.85kW	81%	786 x 503	Class 1 & 2





Infinity 800HD

Perfectly portioned large square fire, ideal for fitting into traditional fireplace surrounds.

Key Features of the Fire:

- Can also be fitted as a hole-in-the-wall either flush or with slips.
- Optional black glass fascia is available for hole-in-the-wall installations.
- Choice of three firebox liners: Beige, Red Brick or Reflective Black Glass.
- Mains powered radio frequency remote control for ease of use.
- Available with anti-reflective viewing glass as an optional extra. This reduces the majority of reflection and gives the fire an "open" effect.



Gas Type	Gross Input	Output	Net Efficiency	Visible Dimensions mm (w x h)	Chimney Types
Natural Gas	7.7kW	5.6kW	81%	790 x 700	Class 1 & 2





Infinity 890HD

A stunning landscape hole-in-the-wall fire.

Key Features of the Fire:

- Can also be fitted as a fire into a wide fireplace to create a suite.
- Gives the option to fit flush into the wall or with slips depending on the look you are after.
- Choice of three firebox liners: Beige, Red Brick or Reflective Black Glass.
- Mains powered radio frequency remote control for ease of use.
- Available with anti-reflective viewing glass as an optional extra. This reduces the majority of reflection and gives the fire an "open" effect.
- Choice of either Walnut or Silver Birch effect logs.



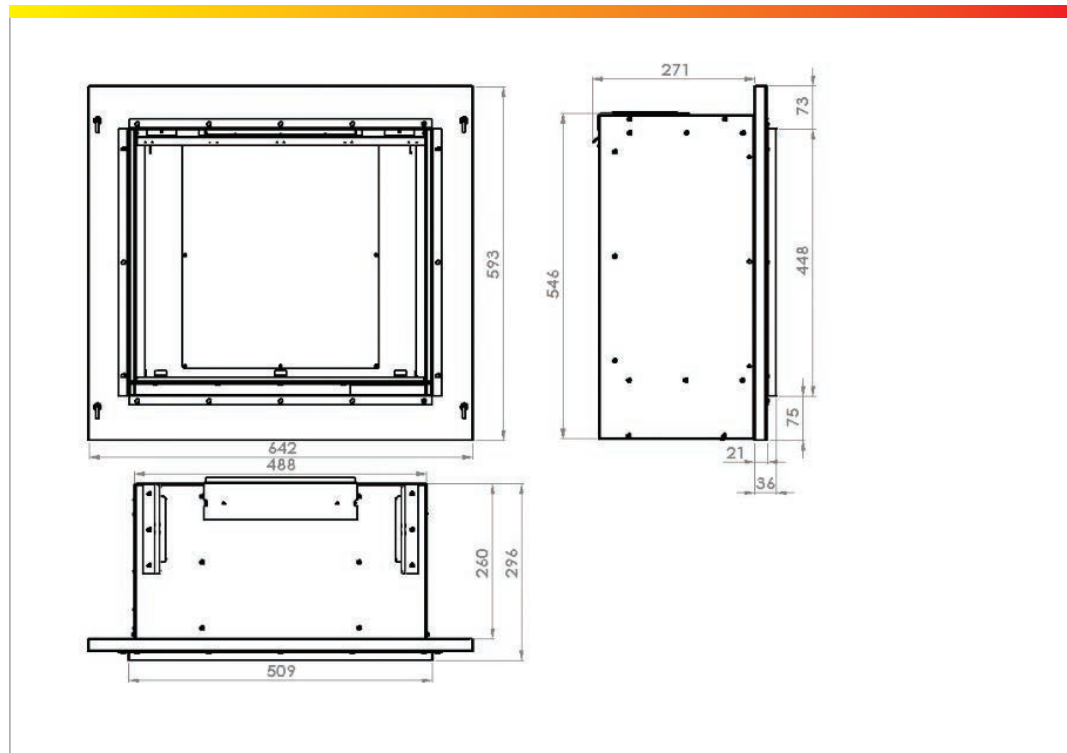
Gas Type	Gross Input	Output	Net Efficiency	Visible Dimensions mm (w x h)	Chimney Types
Natural Gas	6.6kW	4.85kW	82%	911 x 339	Class 1 & 2



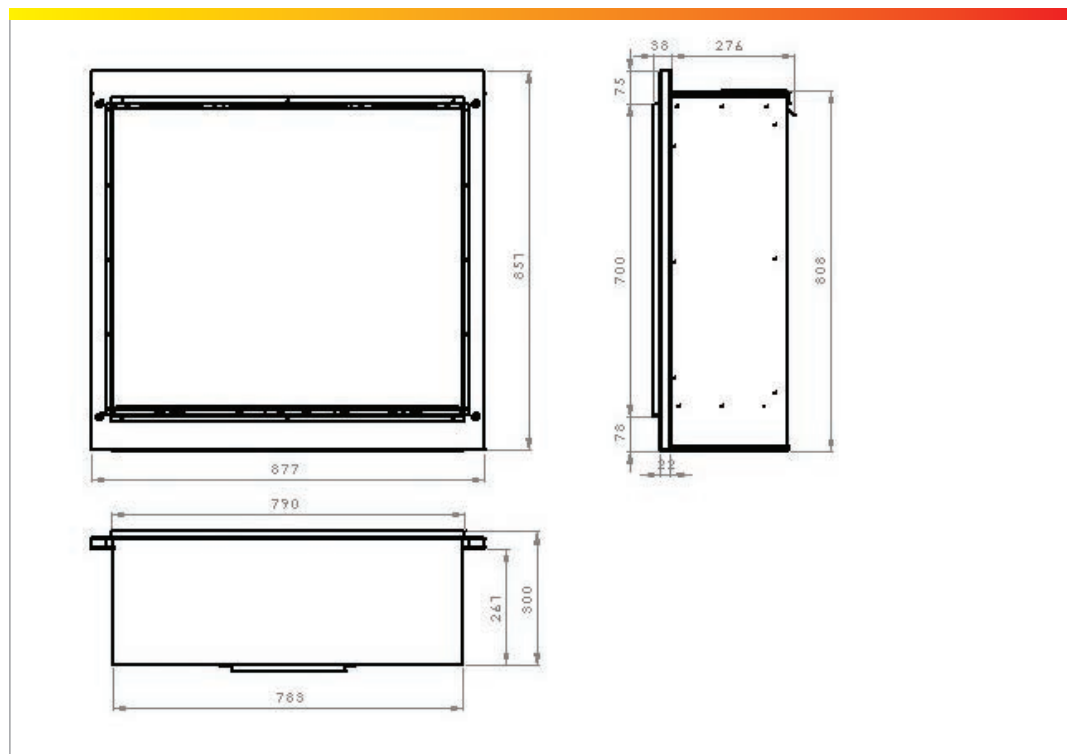


Fire dimensions & specifications

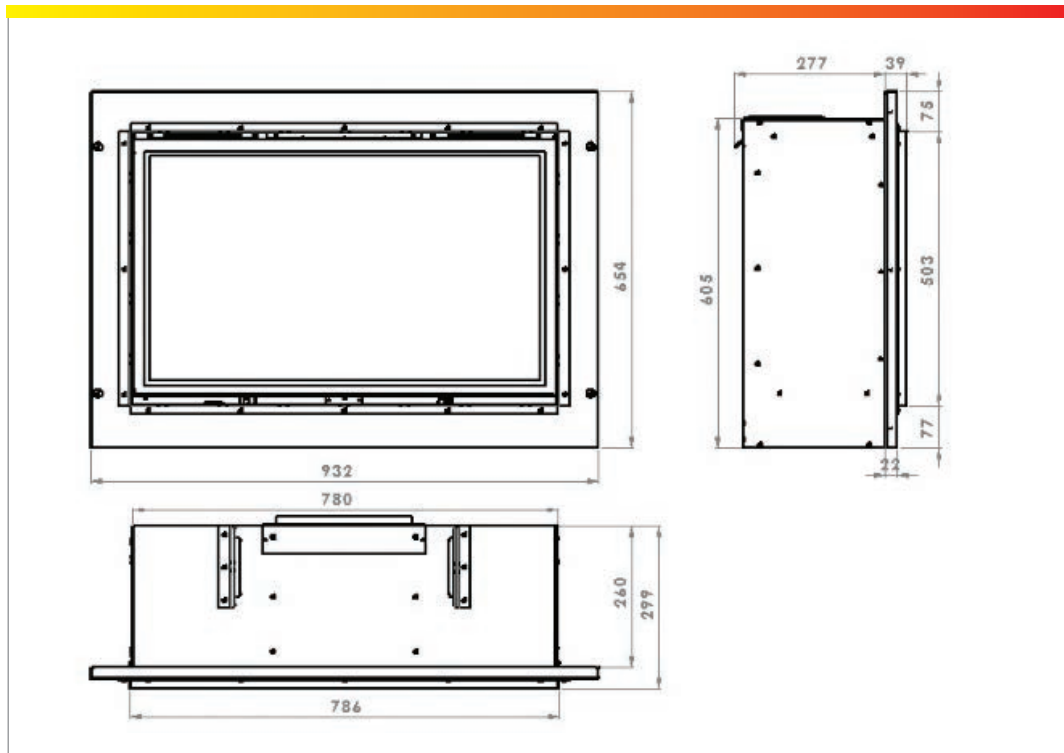
Infinity 480HD



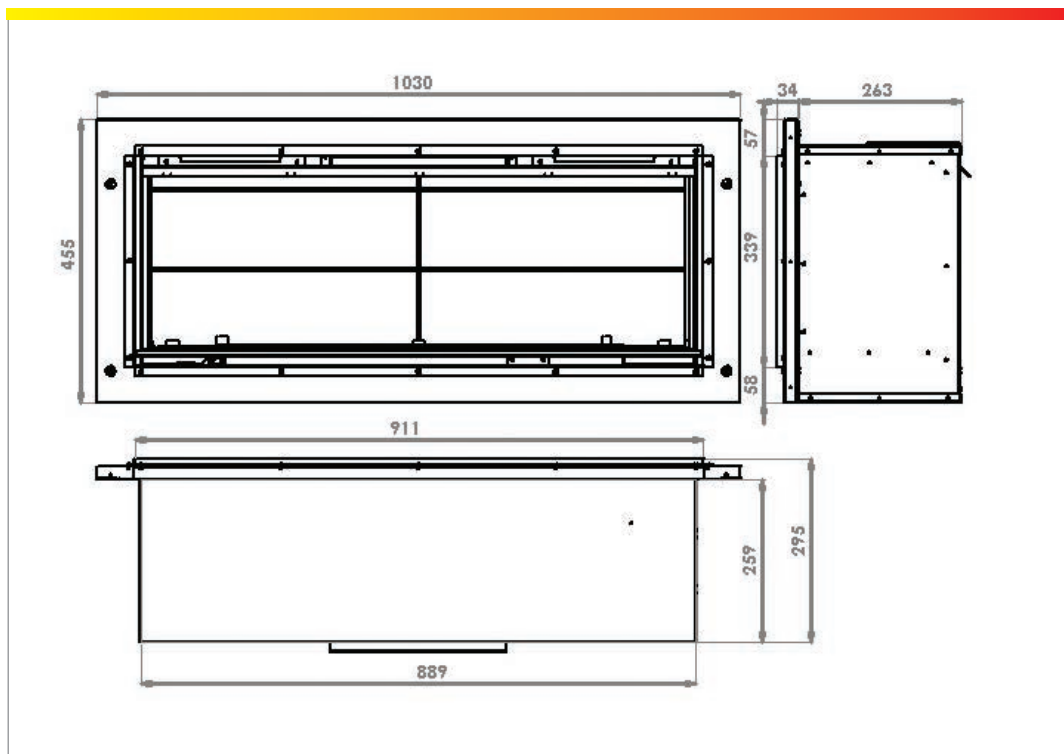
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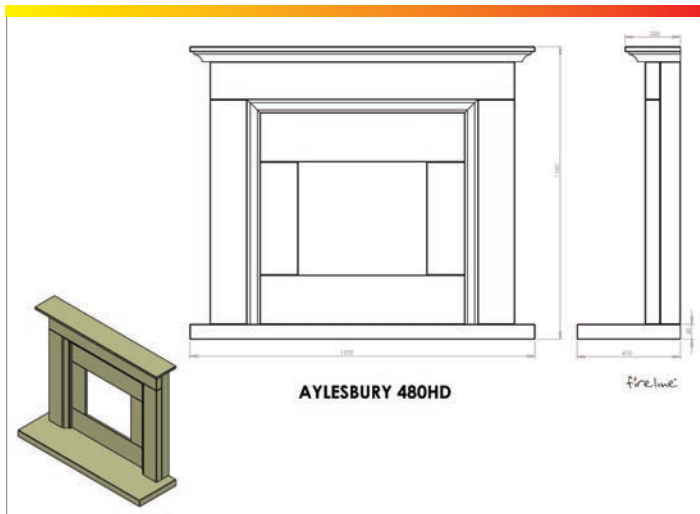
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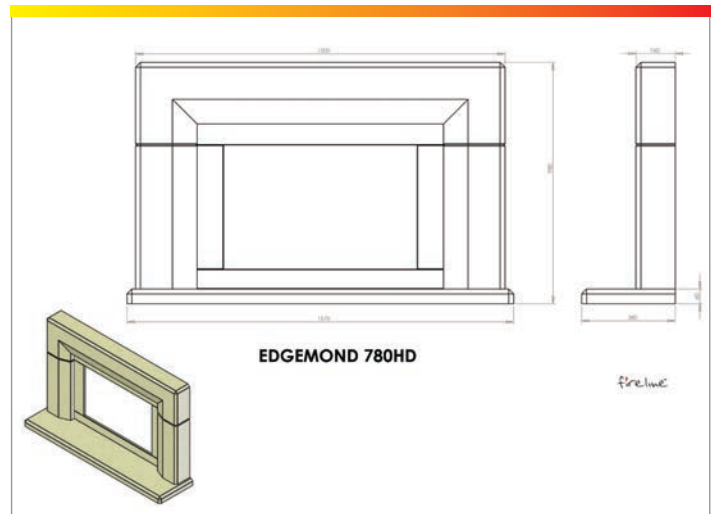
Infinity 890HD



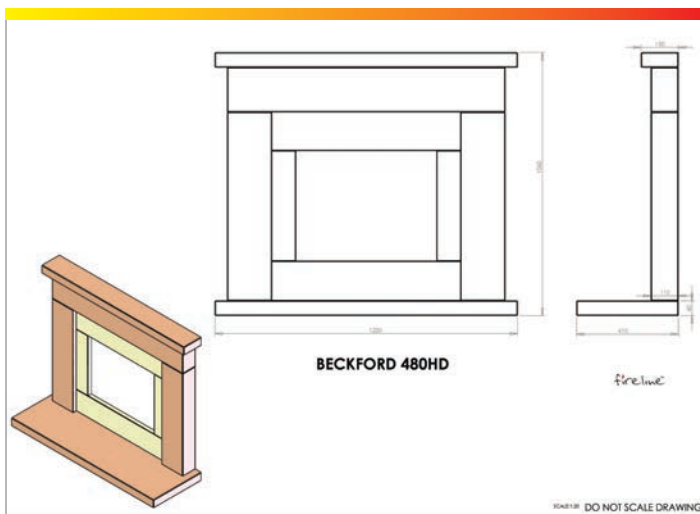
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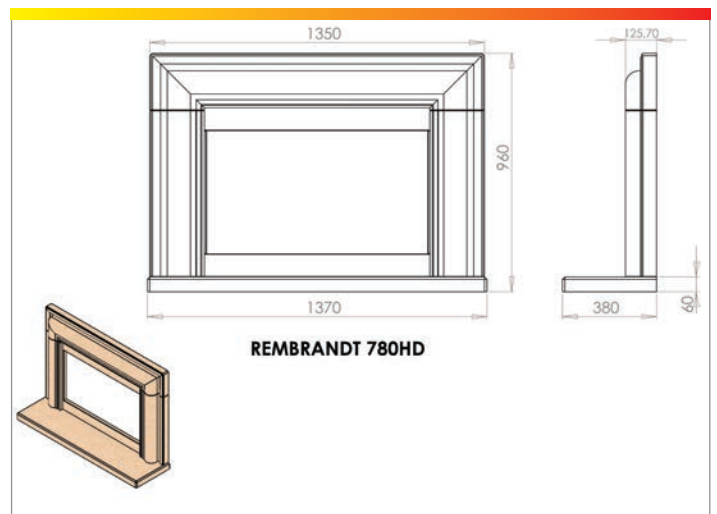
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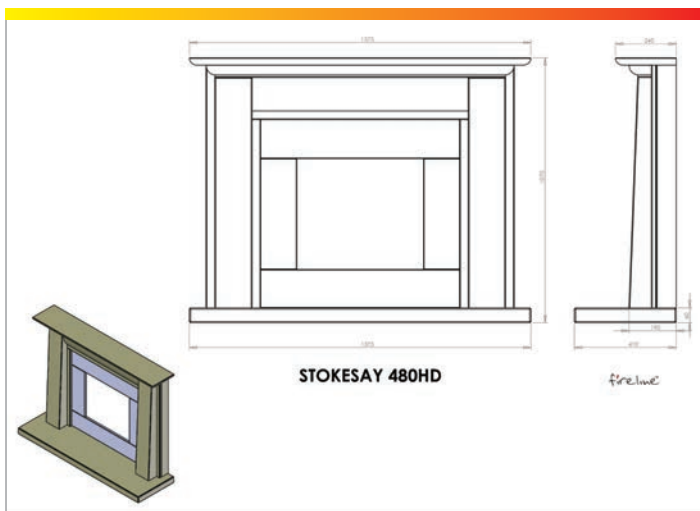
Beckford 480HD



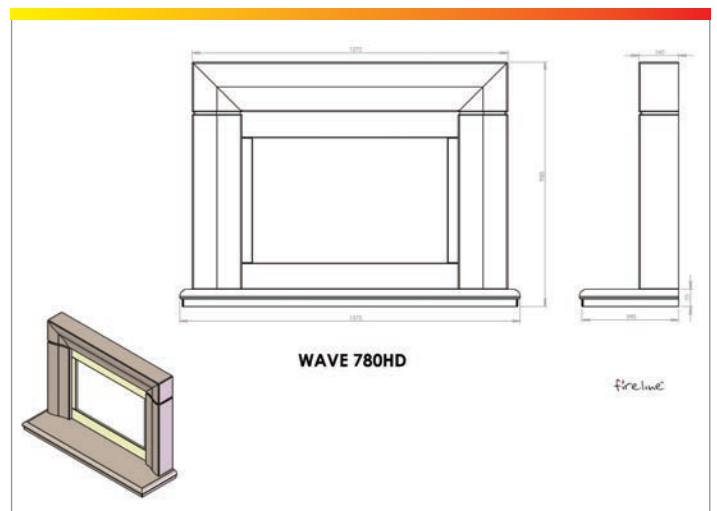
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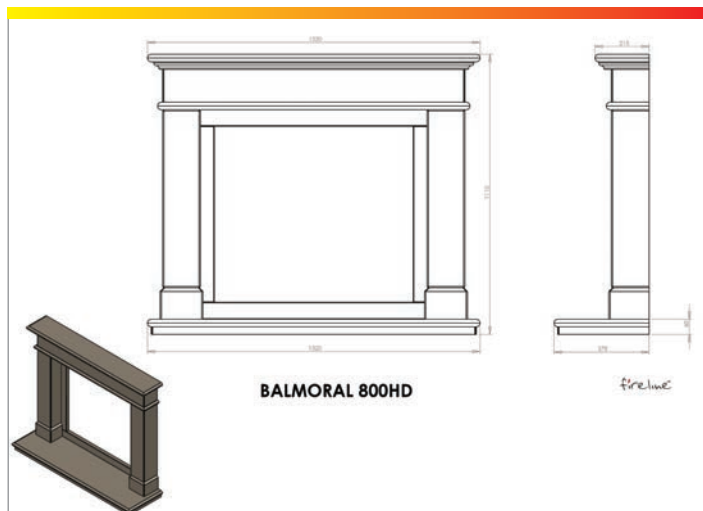
Stokesay 480HD



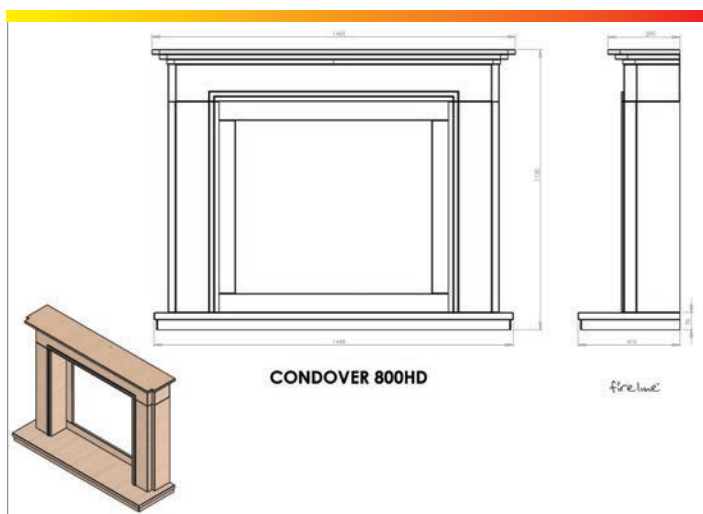
Wave 780HD



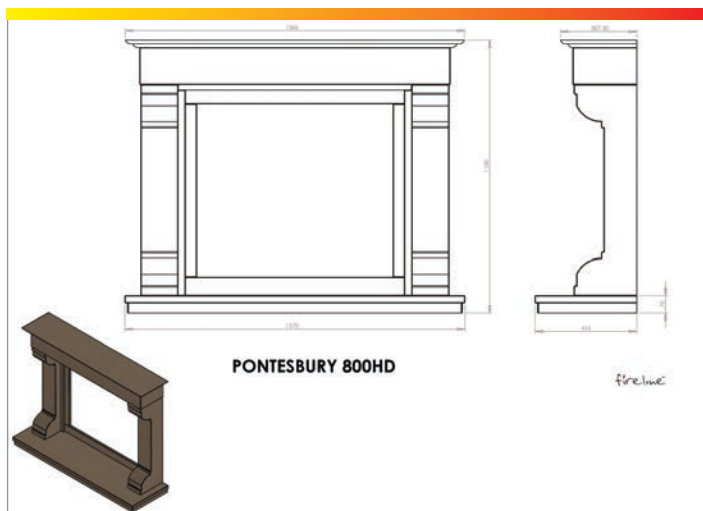
Balmoral 800HD



Condover 800HD



Pontesbury 800HD





DESIGNED, ENGINEERED
& MADE IN BRITAIN

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