

Graphite

Everything you
want from a wood
burning stove...

and then some...



Our specifications and the seal of approval...



All Graphite stoves have been CE tested in the UK or Holland to ensure that they meet strict safety and emissions standards. All Graphite products are therefore legally CPR compliant. They are also listed on the Sustainable Authority of Ireland's (SEAI) Register of Performance database (HARP). For the customer this means that any output, efficiency or emissions figures that we quote have been officially verified by an Irish government body. This will help homeowners and BER Assessors to realistically compare heating appliances from true figures. Most importantly HARP verified products can be relied upon to be safe because CE test certification has been checked. For example, declared safe minimum distances to combustible materials for a HARP verified stove will have been derived from the CE test and will therefore be true.



Some energy independence and energy efficiency and so much kinder to planet Earth...

Forget about whether or not wood burning stoves are the latest home fashion statement. What they really are is good old-fashioned common sense. However, don't just take our word for it...

They're a renewable energy source that everyone agrees we need more of, from Greenpeace to the EU. And it's a tried and tested renewable that won't break the bank either. According to The Energy Saving Trust, like thousands of other stove owners (175,000 new ones last year alone), you could be cutting costs on your overall heating bills from day-one .

Plus, you'll have a significant independent heating source for your home. Power cut? No problem, just throw another log on the stove.

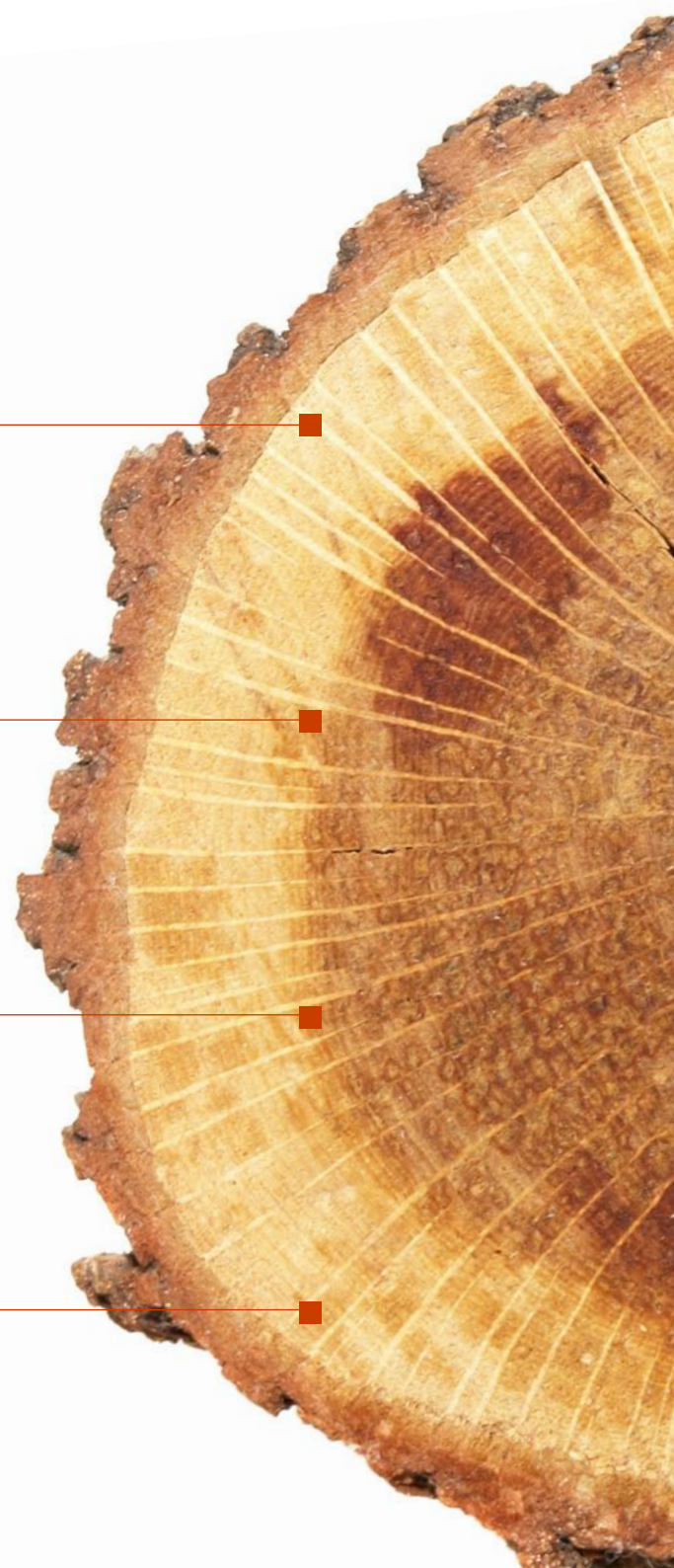


Giving you some real choice, both now and in the future...

Wood is a sustainable carbon neutral fuel with thousands of suppliers, many of them local to you, all vying for your business. So when it comes to heating your home you say good-bye to the 'big six'.

Even the Woodland Trust think that wood burners are a great idea – planting trees for wood fuel brings many other benefits. These include locking in damaging carbon, encouraging wildlife, producing oxygen and cutting pollution to make our air cleaner. And of course we can all enjoy woodland to walk and play in.

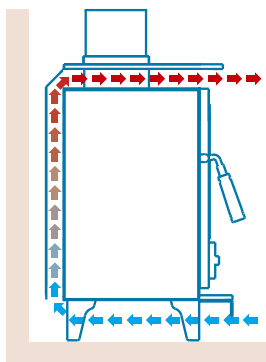
So if you think that wood burners are a great idea too, then you'll want to make sure that you buy a good one. Over the next few pages we hope to show you why buying a Graphite stove should be your obvious choice.



Better built and better performance. Simply better all round – that’s the lasting beauty of a Graphite.

Get warmer, faster

The Graphite Five, Eight and Ten models all feature Graphite’s unique *Heat Conveyor* convection system which draws in cold air up through the convection scoop at the rear of the stove and warms it as it moves through the system to exit at the front grille. This means that you not only get traditional radiated heat from the Graphite’s heavyweight



bodywork (the Graphite Ten top lid alone weighs in at a staggering 26.6kg), but you also reap the benefits of gentle warm air movements which help warm the room faster than other stoves.

100% external air option

All Graphite’s free-standing stoves provide you with the opportunity of taking the stove’s air supply from outside the room by using the optional *External Air Box*. Where there is a high standard of insulation (post-2008 houses, for example) using the external air option delivers important operational and safety



advantages. For a start it makes it easier to heat your room since the stove doesn’t feed itself on the warm air that it has just created. This also helps

eliminate annoying drafts because the stove has no need to replace this warm air by colder air taken from the rest of the house. The *External Air Box* makes a simple and neat alternative to the unsightly and inefficient ‘air-brick’ often required so that that an installation will conform to Building Regulations.

Thick, thicker, thickest

One thing that you’ll immediately notice about Graphite stoves is that, unlike some other manufacturers, we don’t compromise on the quality or choice of our materials. Just compare the thickness of our steel bodywork and its subtle soft edging to see exactly what we mean.



You get so much more with a Graphite stove – that’s our cast iron guarantee to you...



Cleaner and much meaner

The Graphite Five, Eight and Ten stoves incorporate state-of-the-art clean burn technology – something you still don’t see on the average stove. Our unique *Pre-heated Tertiary Air*



System, where the combustion air passes into the top of the fire chamber through an extremely hot cast iron back-plate, ensures cleaner burning – even at the end of the burn cycle. This makes Graphite

stoves kinder to the environment (and your neighbours) as well as highly efficient and inexpensive to use.

The Graphite Five and Graphite Eight are both officially listed as clean burning *Smoke Exempt Appliances* by Defra, so that you can burn wood legally in a Smoke Control Area.

Easier to maintain

All Graphite stoves have been designed with the minimum number of components and with easy maintenance in mind. For example, baffle plates, firebricks and firegrates are all very easy to remove and clean without the need for tools.

The Graphite Boiler baffle plate and boiler top can also be inspected and cleaned without having to remove the flue pipe. Robot-welded bodywork and the highest quality materials choice ensure that you’ll be enjoying the benefits of your Graphite stove for many years to come – and many years longer than our *Five Year Extended Warranty*.

The seals of approval

All Graphite stoves have been CE tested in the UK and Holland to *EN13240* or *EN13229* as appropriate, to ensure that they meet or exceed all strict EU safety, constructional, operational and emissions standards. All Graphite stoves are therefore UK and ROI Construction Products Regulations (CPR) compliant. Some models in the range have also been approved by *Hetas*. Graphite stoves are listed on the Sustainable Energy Authority of Ireland’s (SEAI) *Home-heating Appliance Register of Performance* (HARP) database which was developed to



help homeowners, BER Assessors and other professional evaluators to identify efficient heating systems.

Graphite **INSET**



GR357i

The Graphite Inset has been designed to make it easy to install within a standard fireplace opening allowing you to keep your original fire surround.

The 4.9kW output will provide enough heat for the average room and the big picture window's view of the controllable flame pattern will leave your old open fire in the shade. Plus, the Graphite Inset will be three to four times more efficient so you'll also use considerably less fuel. The premium quality cast iron front frame, door and firebricks and the precision-welded fire chamber ensure that the Graphite Inset will not only give you many years of abundant heat but will also be economic to run.

- Fits standard UK / Irish fireplace aperture for easy installation
- Data from CE EN13229 tests in the UK by Kiwa Gastec
- SEAI Harp approved and listed, your guarantee of performance
- Pre-heated Airwash System to keep your glass cleaner
- Efficient multi-fuel operation. Takes logs up to 250 mm (10")
- Longer-lasting fine cast iron front frame, door and firebricks
- Five Year Extended Warranty from one of the world's leading stove makers

Efficiency	75.2%
Nominal output (wood)	4.9kW
Takes logs up to (mm)	250



Graphite FIVE



GR905

With its outstanding 84.3% efficiency, the Graphite 5 is one of the most effective 5kW output stoves that you can buy. Its unique *Heat Conveyor* warm air convection system will quickly distribute heat around your living space so that you get the benefit of both radiated heat and convected heat without burning any extra fuel – and the Graphite's excellent controllability, means overall you'll be using less of it too. Pre-heated tertiary air ensures the Graphite is extremely clean burning and better for the environment.

- Data from CE EN13240 tests in the UK by Kiwa Gastec
- Clean burning Defra Smoke Exempt Appliance (pending)
- SEAI Harp approved and listed, your guarantee of performance
- Clean-burn pre-heated tertiary air system maximises efficiency
- Heavy duty robot-welded steel body with soft-edged 10 mm thick lid
- Longer-lasting finest quality cast iron door and fire back-plate
- Pre-heated Airwash System to keep your glass cleaner
- Choice of top or rear 125 mm (5") flue outlet
- Optional external air supply kit for post-2008 home installations
- Five Year Extended Warranty from one of the world's leading stove makers



Efficiency	84.3%
Nominal output (wood)	5.0kW
Takes logs up to (mm)	250



Graphite EIHGHT



GR908

An excellent medium-sized 8kW stove which makes it perfect for an older house or for a larger than average living room where its unique *Heat Conveyor* warm air convection system will help quickly fill the space with abundant warm air. The Graphite Eight has a wealth of top-line features including pre-heated secondary and tertiary air which makes it much cleaner burning and also improves efficiency. It is extremely well built with thicker than average precision welded steel bodywork and finest quality cast iron door.

- Data from CE EN13240 tests in Holland by SGS
- Clean burning Defra Smoke Exempt Appliance (pending)
- SEAI Harp approved and listed, your guarantee of performance
- Clean-burn pre-heated tertiary air system maximises efficiency
- Pre-heated Airwash System to keep your glass cleaner
- Choice of top or rear 150 mm (6") flue outlet option
- Longer-lasting finest quality cast iron front door and fire back-plate
- Heavy duty robot-welded steel body with soft-edged 14 mm thick lid
- Optional external air supply kit for post-2008 home installations
- Five Year Extended Warranty from one of the world's leading stove makers



Efficiency	78.0%
Nominal output (wood)	8.0kW
Takes logs up to (mm)	350



Graphite TEN



GR910

The largest stove in the Graphite range, the Ten not only has a powerful visual presence in a large fireplace but also delivers an equally powerful and effective 10kW of heat output for the larger living room. It is also exceptionally clean burning, thanks to its pre-heated tertiary air system. This wrings out every last calorie of heat from the fuel load to make it go further and make the stove more economical to run. This, combined with the Airwash system, all helps to keep the Graphite Ten's large picture window beautifully clean so you can enjoy a great view of its big fire.

- Data from CE EN13240 tests in the UK by Kiwa Gastec
- SEAI Harp approved and listed, your guarantee of performance
- Clean-burn pre-heated tertiary air system maximises efficiency
- Pre-heated Airwash System to keep your glass cleaner
- Choice of top or rear 150 mm (6") flue outlet
- Heavy duty robot-welded steel body with soft-edged 16 mm thick lid
- Longer-lasting finest quality cast iron door and fire back-plate
- Optional external air supply kit for post-2008 home installations
- Five Year Extended Warranty from one of the world's leading stove makers

Efficiency	80.3%
Nominal output (wood)	10.0kW
Takes logs up to (mm)	400



Graphite **INSET BOILER**

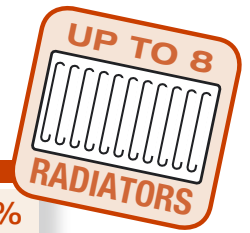


GR357i-B

If you want to recreate the focal point that a traditional fireplace and living flame brings to a room or you just simply want to replace an old back boiler, then the Graphite Inset Boiler makes the ideal choice. It's big picture window ensures that you still get a great view of the fire and its airwash system ensures that it stays that way. With CE tested efficiency of 80.2% and generous heat output to power up to 8 radiators, plus heat a good-sized living room, we think that you'll find that the Graphite Inset Boiler is not only efficient and effective, but will make rather good looking choice for your home too.

- Powers up to 8 average-sized radiators, plus heats the room
- Fits standard UK / Irish fireplace aperture for easier installation
- CE EN13229 tested in the UK by Kiwa Gastec
- SEAI Harp approved and listed, your guarantee of performance
- Incorporates Airwash technology to keep your glass cleaner
- Thermostatically controlled boiler maximises fuel efficiency
- Longer-lasting finest quality cast iron door and door frame
- Five Year Extended Warranty from one of the world's leading stove makers

Efficiency	80.2%
Nominal output (wood)	12.3kW
To the room	4.8kW
To the water	7.5kW
Takes logs up to (mm)	250



Graphite BOILER



GR910-B

The family-sized Graphite Boiler will easily heat up to 10 radiators, plus provide more than enough heat for the room it's located in, as well as a generous supply of hot water. Its big fire chamber will take large logs up to 400 mm (16") long or a large 4kg smokeless fuel load to extend the burn times. The baffle plate and boiler top area can be inspected and simply cleaned through a special hatch underneath the heavy duty heat-sink lid (a staggering 26kg!) without having to remove the flue pipe. Top or rear flue options and an external riddler are just some of the Graphite's many features.

- Powers up to 10 average-sized radiators and the room it's in
- CE EN13240 tested in the UK by Kiwa Gastec
- SEAI Harp approved and listed, your performance guarantee
- Incorporates Airwash technology to keep your glass cleaner
- Thermostatically controlled boiler maximises fuel efficiency
- Longer-lasting fine cast iron door and 16 mm thick steel lid
- Easy to clean baffle plate and top boiler area
- Five Year Extended Warranty from one of the world's leading stove makers

Efficiency	74.9%
Nominal output (wood)	15.1kW
To the room	4.9kW
To the water	9.6kW
Takes logs up to (mm)	400



Graphite free-standing multi-fuel stoves

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Graphite Five GR905

CE tested for wood and mineral fuel



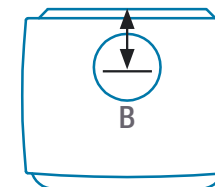
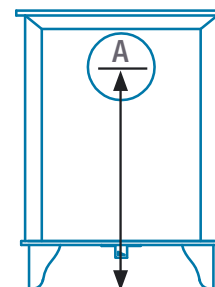
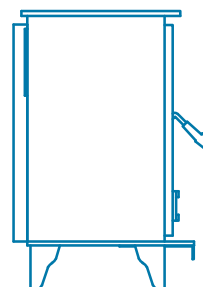
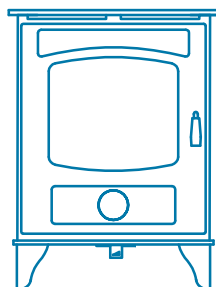
Nominal output (wood) **5.0kW**
 Efficiency (wood) **84.3%**
 Net weight (unpacked) **87kg**

Dimensions (mm):

H582 W420 D385

Flue outlet dia (top or rear) **125**
 Height to centre of rear flue A **433**
 Centre of top flue to back B **135**

Defra Approved / SEAI Harp Verified*



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Graphite Eight GR908

CE tested for wood and mineral fuel



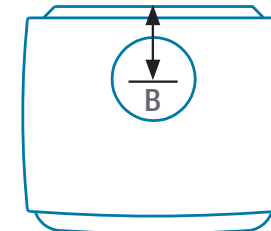
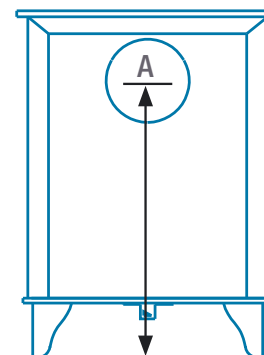
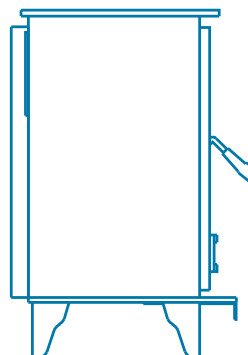
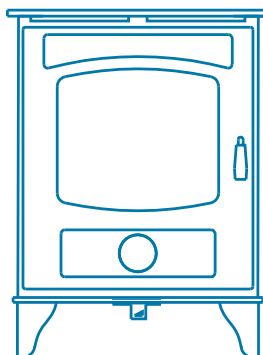
Nominal output (wood) **8.0kW**
 Efficiency (wood) **78.0%**
 Net Weight (unpacked) **126kg**

Dimensions (mm):

H712 W535 D428

Flue outlet dia (top or rear) **150**
 Height to centre of rear flue A **582**
 Centre of top flue to back B **148**

Defra Approved / SEAI Harp Verified*



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Graphite Ten GR910

CE tested for wood and mineral fuel



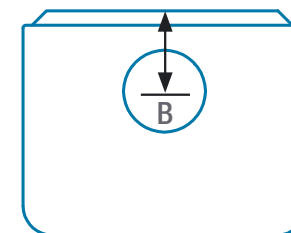
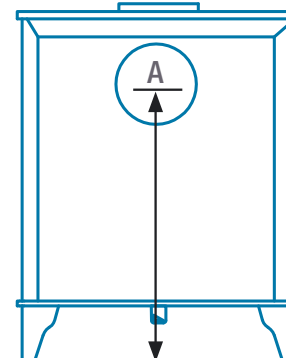
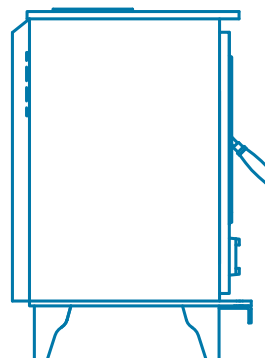
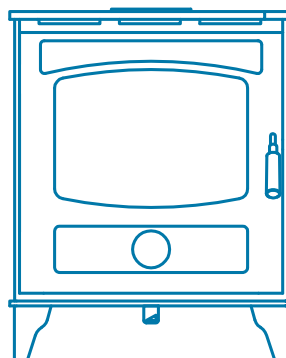
Nominal output (wood) **10.0kW**
 Efficiency (wood) **80.3%**
 Net Weight (unpacked) **153kg**

Dimensions (mm):

H719 W580 D490

Flue outlet dia' (top or rear) **150**
 Height to centre of rear flue A **570**
 Centre of top flue to back B **165**

SEAI Harp Verified*



Graphite multi-fuel inset stoves and boilers

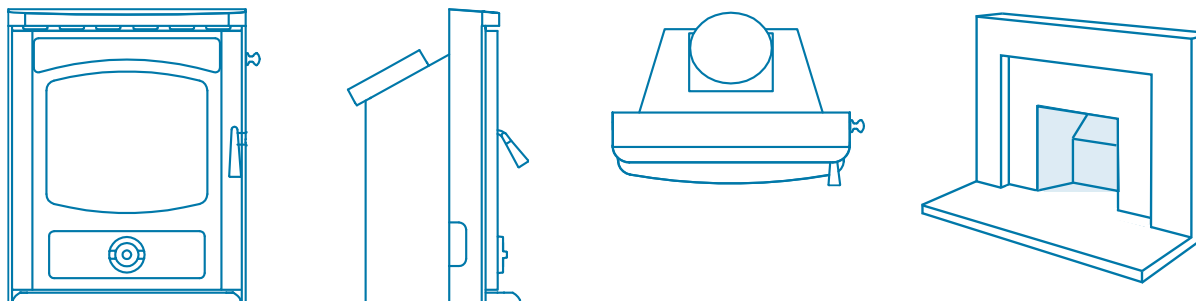
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Graphite Inset GR357I

CE tested for wood and mineral fuel
 Nominal output (wood) **4.9kW**
 Efficiency (wood) **75.2%**
 Net Weight (unpacked) **79.2kg**
 Dimensions (mm):
H605 W490 D315 (inc ash lip)
 NB Fits standard fireplace aperture
 without removing fire back
 Flue outlet dia' (top only) **150**
 SEAI Harp Verified*

The Graphite Inset fits within a standard 400 mm x 550 mm (16" x 22") fireplace opening, usually without the need to remove the pre-cast fire back.



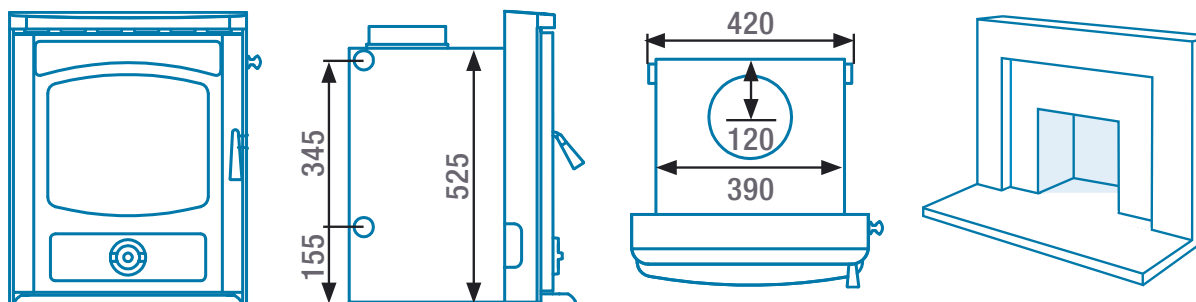
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Graphite Inset Boiler GR357I-B

CE tested for wood and mineral fuel
 Output to room (wood) **4.8kW**
 Output to water (wood) **7.5kW**
 Efficiency (wood) **80.2%**
 Net Weight (unpacked) **109kg**
 Dimensions (mm):
H605 W490 D465 (inc Ash Lip)
 Concealed fire box:
H570 inc collar W420 inc ports D320
 Water ports (two each side) **1" BSP**
 Flue outlet dia' (top only) **150**
 SEAI Harp Verified*

The Graphite Inset boiler fits within a standard 400 mm x 550 mm (16" x 22") fireplace opening. Adjustments for stove depth and pipework may be needed.

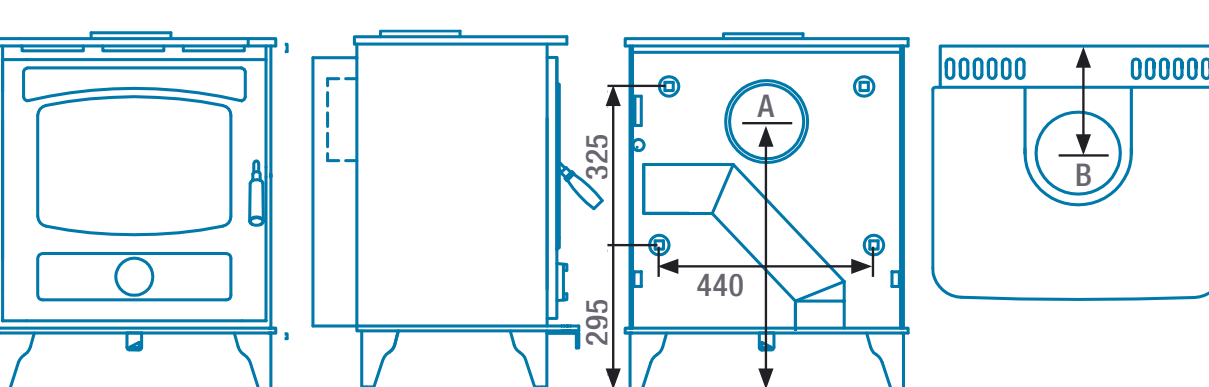


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Graphite Boiler GR910-B

CE tested for wood and mineral fuel
 Output to room (wood) **5.7kW**
 Output to water (wood) **9.4kW**
 Efficiency (wood) **74.9%**
 Net Weight (unpacked) **177.3kg**
 Dimensions (mm):
H730 W580 D545 inc' vent
 Water ports (four at rear) **1" BSP**
 Flue outlet dia' (top or rear**) **150**
 Height to centre of rear flue A **548**
 Centre of top flue to back B **220**
 SEAI Harp Verified*



*Defra Approval expected October 2014. SEAI Harp Verification expected September 2014. **Rear flue option model available 10/2014



Graphite

Information correct at time of going to press. Hi-Flame have a policy of continuous product improvement, therefore we reserve the right to alter Graphite stove specifications without prior notice. If any of the specification is critical to your purchasing decision then please check it with your authorised Graphite dealer who will be happy to help. Graphite is the trading name of Hi-Flame Fireplace UK Ltd. © 2014 Hi-Flame Fireplace UK Ltd

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