

THE **HI-FLAME** ECODESIGN STOVE COLLECTION



hi-flame

OUTSTANDING ECODESIGN STOVES

Hi-Flame Ecodesign Stoves are the perfect sustainable heat source for your home.

Whether you're looking for a classic, contemporary or traditional styled stove Hi-Flame can offer you a great choice of Ecodesign models from our best-selling Graphite, Alpha and Precision collections.

Ultra-low emissions Ecodesign wood burning stoves are one of the very few practical, virtually carbon-neutral forms of domestic heating and are therefore still the simplest, tried and tested way to cost-effectively – and significantly – reduce your home's greenhouse gas (CO2) output. Just as important today – they're also a really easy way to secure yourself proper energy independence.

With a Hi-Flame stove there's no compromising on the quality of materials. Compare the thickness of our steel bodywork to see exactly what we mean. Then there's their outstanding performance and unbeatable value for money.

NEW for 2023 we now have the Brogan with its large fireview window and integral direct external air manifold available in a standard or high leg option or with a seamless integrated log store.

We're also pleased to announce the return of our famous all cast iron Aidan, Ireland's best selling boiler stove, newly re-configured to meet the exacting Ecodesign emissions standards and now aptly renamed the Aidan Eco.

BROGAN MULTI FUEL STOVE AVAILABLE IN THREE HEIGHTS

NEW!



A Brogan WF905

125mm top or rear flue outlet. Suitable for 12mm non-combustible decorative hearth. *Air vent not normally required for pre-2008 homes. *Subject to building regs'



A Brogan with High Leg WF905-HL

BROGAN FEATURES

- Large airwashed window for a great view
- Integral Direct External Air Supply manifold helps minimise cold draughts
- Rear heat convection scoop helps quickly distribute heat to warm the living space much faster
- Heavy duty steel bodywork with extra thick lid and premium F-type cast iron door
- Long lasting cast iron firebox back plate and cast iron multi fuel open grate
- Two simple combustion air controls for precise comfort level and fuel management
- Controllable pre-heated Tertiary Air for enhanced cleaner burning and performance
- CE EN13240 and Ecodesign emissions tested in the UK
- SEAI Verified test data and Defra approval pending



HEAT OUTPUT **5.0kW** EFFICIENCY **76.2%**



A Brogan with Log Store WF905-LS



THE BROGAN WF905
MULTI FUEL STOVE

EFFICIENCY	76.2%
HEAT TO ROOM	5.0kW



Graphite Ecodesign stoves – naturally a better heat source

Cleaner burning Graphite Ecodesign wood burners are a really good looking way to cost-effectively heat your home as well as cut down on its carbon footprint.

With its outstanding efficiency, the Graphite Five is one of the most effective 5kW output stoves that you can buy. Its special 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 Five's excellent controllability, means that you'll be using a lot less of it too.

If you're looking for a little extra heat for a larger room then the Graphite Eight, which has all of the same features as the Five, will be very hard to beat.

Both the Five and Eight have store stand and direct external air supply options.

GRAPHITE FEATURES

- Defra Approved for UK Smoke Control Areas
- Rear heat convection scoop helps quickly warm the living space
- Heavy duty steel bodywork with extra thick lid and premium F-type cast iron door
- Long lasting cast iron firebox back plate and cast iron multi fuel open grate
- Pre-heated Tertiary Air for even cleaner burning and maximum fuel efficiency
- SEAI Verified / Test data HARP database listed
- Optional Direct External Air Supply Kit helps minimise cold draughts
- CE EN13240 and emissions tested in the UK and Holland



Option on GR905 & GR908 models

GRAPHITE FIVE GR905



GR905 with Wooden Handle Option



GR905 with optional store stand

A

125mm top or rear flue outlet. Suitable for 12mm non-combustible decorative hearth.* Air vent not normally required for pre-2008 homes.* Direct external air supply kit and store stand available as optional extras.

*Subject to building regulations

HEAT OUTPUT **5.0kW** EFFICIENCY **76.2%**

GRAPHITE EIGHT GR908



GR908



GR908 with optional store stand and wooden Handle

A

150mm top or rear flue outlet. Suitable for 12mm non-combustible decorative hearth.* Direct external air supply kit option can be used instead of regulation air vent.* Store stand available as optional extra.

*Subject to building regulations

HEAT OUTPUT **8.0kW** EFFICIENCY **78.0%**

Graphite

GRAPHITE FIVE GR905
WITH STORE STAND

EFFICIENCY 76.2%

HEAT TO ROOM 5.0kW



Alpha Ecodesign stoves – traditionally great looking

Choosing an Alpha Ecodesign stove is one of the best decisions a householder can make to do their bit for the environment – and one that pays pleasurable dividends when it comes to totting up the costs of heating your home at the end of a long, cold and miserable winter. They have all not only passed the rigorous clean burn tests needed to be approved by Defra as a Smoke Exempted Appliance, but also surpassed the even tougher Ecodesign limits on a much wider range of unwanted emissions.

Alpha stoves incorporate the best available premium quality materials and components and features superior F-type cast iron lid and door with heavy duty steel bodywork precision-welded by robots. All designed to ensure that your Alpha will provide you with pleasurable heat for many years to come.

ALPHA FEATURES

- Heavy duty steel bodywork with premium F-type cast iron lid heat sink and cast iron door
- Long lasting cast iron firebox back plate and cast iron multi fuel open grate
- Airwash for clear glass
- Tertiary Air for even cleaner burning
- Defra Approved for UK Smoke Control Areas
- SEAI Verified / Test data HARP database listed
- No air vent* required in pre-2008 houses
- Optional Direct External Air Kit and practical store stand available for AL905 and AL907
- CE EN13240 Tested in the UK and Holland

seai
DATA VERIFIED

5 YEAR
GUARANTEE

direct
AIR

Option on AL905
& AL907 models

ALPHA I AL905-SE



AL905



AL905 with
optional store stand

A

125mm top or rear flue outlet. Suitable for 12mm non-combustible decorative hearth.* Air vent not normally required for pre-2008 homes.* Direct external air supply kit and store stand available as optional extras.

*Subject to building regulations

HEAT OUTPUT **5.0kW** EFFICIENCY **76.2%**

ALPHA II AL907-SE



AL907



AL907 with
optional store stand

A

150mm top or rear flue outlet. Suitable for 12mm non-combustible decorative hearth.* Direct external air supply kit option can be used instead of regulation air vent.* Store stand available as optional extra.

*Subject to building regulations

HEAT OUTPUT **8.0kW** EFFICIENCY **78.0%**

The
ALPHA
Collection

ALPHA II AL907

EFFICIENCY **78.0%**

HEAT TO ROOM **8.0kW**



Precision – exactly right for you

When you choose a Precision Ecodesign stove it will be one of the most emissions-friendly stoves that you can buy today and because it's going to be highly affordable it doesn't mean that we've cut any corners – simply compare our sturdy build quality to see exactly what we mean.

The Precision construction comprises of thick premium quality steel bodywork with heavy duty cast iron door and unusually, a heavyweight cast iron lid. Even the back fire chamber wall, which contains the tertiary air inlets, is made from cast iron to ensure that the fire chamber and jets will stay as hot as possible right up until the last burning ember. This not only ensures exceptional clean burning and clear glass but also impressive fuel economy.

In addition, the heavy construction will also provide a tremendous slow release of heat well into the early hours. Two simple controls will allow you to precisely fine tune comfort level. Robust, reliable and really exceptional performance – that's a Precision stove.

PRECISION FEATURES

- Heavy duty steel bodywork with premium F-type cast iron lid heat sink, cast iron door
- Long lasting cast iron firebox back plate and cast iron multi fuel open grate
- Airwash for clear glass and Tertiary Air for even cleaner burning and efficiency
- Defra Approved for UK Smoke Control Areas
- SEAI Verified / Test data HARP database listed
- Optional easy fit Direct External Air Kit available
- CE EN13240 and Ecodesign emissions tested in the UK & Holland



Option on HF905 & HF907 models

PRECISION I HF905



HF905



HF905 with optional store stand

A

125mm top or rear flue outlet. Suitable for 12mm non-combustible decorative hearth.* Air vent not normally required for pre-2008 homes.* Direct external air supply kit and store stand available as optional extras.

*Subject to building regulations

HEAT OUTPUT **5.0kW** EFFICIENCY **76.2%**

PRECISION II HF907



HF907



HF907 with optional store stand

A

150mm top or rear flue outlet. Suitable for 12mm non-combustible decorative hearth.* Direct external air supply kit option can be used instead of regulation air vent.* Store stand available as optional extra.

*Subject to building regulations

HEAT OUTPUT **8.0kW** EFFICIENCY **78.0%**



PRECISION | HF905
WITH STORE STAND

EFFICIENCY 76.2%

HEAT TO ROOM 5.0kW



The Aidan – by far Ireland’s best selling central heating boiler stove...

That’s because the Hi-Flame Aidan® has been setting the standards for exceptional value for money with outstanding performance for nearly two decades. In that time the Aidan has established itself as an incredibly dependable multi fuel central heating boiler stove that thousands of Irish families have come to rely upon for all of their heat and hot water, every single day of the year. In short, the original and genuine cast iron Aidan remains the benchmark for boiler stoves everywhere and has yet to be bettered – until now that is.

The NEW Aidan Eco still offers you all the same traditional styling and construction, supremely simple operation, masses of abundant heat and 5 year boiler and bodywork warranty. But now a new fire chamber and combustion system design ensures that the Aidan Eco complies with Ecodesign regulations to deliver significantly less harmful emissions and a cleaner, environmentally friendly burn.

AIDAN ECO FEATURES

- High gloss black enamel finish option available
- Traditional all-cast iron construction weighing in at 223kg to create an additional slow release heat sink long after the stove has gone out
- Total heat output 16.2kW – easily enough for 8 radiators (in practice more is achievable)
- CE EN13240 Tested in the UK and EU
- SEAI verified test data listed on the Irish government HARP database
- Three air controls including thermostat for precise heat management and fuel economy
- Airwash system for clear glass and external riddler for smokeless coal burning

NEW AIDAN ECO BOILER HFB-443

NEW!



150mm top or rear flue outlet. Suitable for 12mm non-combustible decorative hearth subject to building regulations and appropriate load bearing material being used. 4 x 1" BSP ports suitable for all applications.



HEAT TO ROOM (Nom) 5.0kW	HEAT TO WATER (Nom/Max) 7.5/11.2kW	TOTAL 16.2kW	EFFIC' 76.9%
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Aidan Eco in Black Enamel option

HI-FLAME AIDAN ECO
BOILER – MULTI FUEL

EFFICIENCY	76.9%
NOM' TO ROOM	5.0kW
NOM' TO WATER	7.5kW
MAX' TO WATER	11.2kW
TOTAL HEAT	16.2kW

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OUTSTANDING ECODESIGN STOVES

Ecodesign stoves at-a-glance

BROGAN MULTI FUEL STOVES

Name	Model	ErP	Effic'	Weight	Def	Log	Flue Option	Dimensions mm	Heat
Brogan (High Legs: WF905-HL)	WF905	A*	76.2%	91kg HL 92.5	Yes	250	125 mm T & R	H582 HL 647 W420 D363	5.0 kW
Brogan with Log Store	WF905-LS	A*	76.2%	99kg	Yes	250	125 mm T & R	H720 W420 D363	5.0 kW

GRAPHITE MULTI FUEL STOVES

Name	Model	ErP	Effic'	Weight	Def	Log	Flue Option	Dimensions mm	Heat
Graphite Five (Store Stand: LS)	GR905	A	76.2%	87kg	Yes	250	125 mm T & R	H585 LS 720 W420 D385	5.0kW
Graphite Eight (Store Stand: LS)	GR908	A	78.0%	119kg	Yes	350	150 mm T & R	H720 LS 878 W510 D435	8.0 kW

ALPHA MULTI FUEL STOVES

Name	Model	ErP	Effic'	Weight	Def	Log	Flue Option	Dimensions mm	Heat
Alpha I (Store Stand: LS)	AL905	A	76.2%	79kg	Yes	250	125 mm T & R	H590 LS 727 W445 D425	5.0kW
Alpha II (Store Stand: LS)	AL907	A	78.0%	119kg	Yes	350	150 mm T & R	H730 LS 888 W535 D440	8.0 kW

PRECISION MULTI FUEL STOVES

Name	Model	ErP	Effic'	Weight	Def	Log	Flue Option	Dimensions mm	Heat
Precision I (Store Stand: LS)	HF905	A	76.2%	79kg	Yes	250	125 mm T & R	H592 LS 727 W445 D401	5.0 kW
Precision II (Store Stand: LS)	HF907	A	78.0%	113kg	Yes	350	150 mm T & R	H735 LS 893 W535 D453	8.0 kW

AIDAN ECO MULTI FUEL BOILER STOVE

									Heat Output		
Name	Model	ErP	Effic'	Weight	Log	Flue Option	Dimensions mm	Room	Water	nom/max	Total
Aidan Eco Boiler	HFB443	A	76.9%	223kg	325	150 mm T & R	H860 W610 D595	5.0 kW	7.5kW / 11.2kW		16.2kW

KEY: **Effic'** stands for Net Efficiency. **Log** stands for the recommended log length in mm and allows a safe space at either end of the log – it is not a maximum length. **Weight** stands for the unpacked weight of the stove. **Def** stands for Defra and indicates that the stove is legally exempted to allow the burning of wood in UK Smoke Control Areas. **Flue Dia'** stands for the standard flue outlet size (5" or 6"). **T** stands for top flue outlet and **R** for rear flue outlet. **Dimensions** are the overall dimensions – detailed dimensions can be downloaded from www.hi-flame.co.uk or for Republic of Ireland customers from www.hi-flame.ie. **Heat** stands for nominal heat output to the room / water derived from independent CE / Ecodesign Tests when burning wood. All stoves have been CE tested to the current applicable EN13240 standard by Kiwa in the United Kingdom (except 907/908 models tested by SGS in Holland and HFB443 tested in the Czech Republic). All stoves are CPR compliant. Efficiency and heat output data shown in this brochure, including product CE Test Certification, has been independently verified by the Sustainable Energy Authority of Ireland (SEAI) and is listed on the Irish Government's HARP database (excluding WF905). *905 Series tested and approved, WF905 variant pending.

