

fireline™
S T O V E S



A tradition of warmth and comfort

Charlton & Jenrick^{LTD}

Best of British fires, fireplaces & stoves

A warm welcome to the new Fireline Stove Brochure

I am very pleased to be able to offer a personal introduction to our new 100% Ecodesign Ready Fireline stove range brochure. Charlton & Jenrick group continues to invest heavily in developing new additions to all our fire and fireplace product ranges and now offers more choice and higher performance than ever before – all fully prepared and approved for the new emissions and efficiency standards required from 2022. Added for the first time in this edition is the all new FQ design in 5 Wide and 8kW specifications plus the three sizes of Woodtec stove that all elevate the view of the fire to new heights of drama and attraction.

Having worked in the domestic heating and fireplace industry for nearly 30 years and spent the last 18 years gradually focusing more on wood burning developments, it is clear that the marketplace has developed out of all recognition, and if anything the pace of that change has picked up recently. Initially we witnessed the resurgence of wood logs as a practical, economical and low-carbon choice for the householder with an exciting visual flame picture that older stove designs simply could not offer. Yet beyond all this now is the unceasing drive for improvement of environmental emissions which the industry has responded to with vigour in promoting the new Ecodesign 2022 standards in the form of the official Stove Industry Alliance (SIA) Ecodesign Ready scheme (www.stoveindustryalliance.com). C&J's entire Fireline and Purevision ranges are now officially listed and accredited by this government recognised scheme – so you can choose any of our stove products with total confidence that they are in the top echelon of low emitting appliances in the world today.

Fireline stoves incorporate advanced, patented firebox combustion technology developed exclusively in our own Telford laboratories which results in very clean burning and highly efficient stoves. The fuel efficiency of our stoves begins at 78% and rises to 82% but thermal performance is only a small part of the story as our air wash and tertiary air profiling technology are an integral part of the low emissions combustion process. Every model in the range easily achieves DEFRA exemption for burning seasoned wood logs in smoke control areas on top of a robust pass on all Ecodesign 2022 emissions criteria. This is not the work of a moment but requires years of careful design of features into each appliance from conception of the product specification to delivery of the final manufactured units.

Whether powered by wood, gas, electricity or smokeless fuel, each unique stove design is constructed from 100% British 3D CAD designs using the latest CNC laser profiling and steel production processes and the finest materials coupled with exacting assembly standards.

Each product extensively utilises quality cast iron, stainless steel, mild steel plate, ceramic glass, castable refractories and high grade heat resistant coatings as required to give you an incredibly strong and long lasting product to rely on. All products are designed and manufactured under independently assessed ISO9001 quality and ISO14001 environmental management system accreditations.

Fireline stoves are designed and engineered to be extremely efficient and environmentally friendly. In order to get the full potential and low emissions from our stoves we only recommend using top-quality fuel. The new government recognised Woodsure (www.woodsurre.co.uk) Ready To Burn scheme ensures that consumers are able to obtain reliable supplies of Ready To Burn wood nationally. Be aware that non Ready To Burn fire wood offered as seasoned and dry is occasionally not as good as expected and may need additional seasoning for up to 18 months before the moisture content is below 20% as recommended for all clean wood burning stoves. Invest in a good quality wood log moisture meter to split and check your supply of seasoned logs before use. Whilst many local firewood suppliers do offer excellent products, we have found good reliable burning results by using kiln dried wood logs from national suppliers Dalby Firewood and Certainly Wood (www.dalbyfirewood.com or www.certainlywood.co.uk). If in any doubt always choose kiln dried hardwood logs for burning straight away.

Wood burning using a modern Fireline high performance stove is not only environmentally responsible but the powerful heating effect combined with the warm ambience of the flame pictures from huge air washed glass panels simply cannot be beaten.

Fireline's base here in Telford is only a stone's throw away from the birthplace of the industrial revolution at Coalbrookdale and the World Heritage site of Ironbridge where the very beginnings of modern industry were forged. Born and brought up in the West Midlands it is very satisfying to be a very small part of the great British industrial story, designing, developing and producing wood burning and multi-fuel stoves for the UK household.

Peter Mintoft
Managing Director





Peter Mintoft
Managing Director



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fireline™
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7 YEAR WARRANTY

Get piece of mind with all Fireline wood burning & multi-fuel stoves with 7 years extended parts warranty as standard. Full details and terms & conditions can be found on our website www.charltonandjenrick.co.uk

Fireline Multi-fuel Stoves

Key Features

- SIA Ecodesign Ready 2022 certified – ultra clean burning.
- 5mm and 10mm thick laser profiled and seam-welded steel construction for strength and long life.
- Draught-controlled tertiary air system.
- New contoured touch air controls knobs on all freestanding models.
- Soft cool touch handles on all freestanding models.
- High-quality cast iron doors.
- New cast ceramic liner boards (freestanding & inset models) which are extremely durable and self cleaning.
- Rotary cast iron grates on all freestanding models.
- All models fitted with solid fuel burning kits as standard.
- All inset stoves now multi-fuel capable.
- New Stainless-steel bar handle on inset models.
- New Stainless-steel multi tool supplied with all stove models.
- Interchangeable top or rear flue outlet on free standing models.
- Powerful effective airwash.
- Exceptionally large ceramic glass window.
- Stainless steel ash pan and fixings.
- Very clean burning.

TTi Airwash System

Fireline's integral patented TTi airwash system is a self-regulating system that provides a clean burn, and reduced CO and particulate emissions, resulting in very high efficiency and exceptionally clean glass.



For expert advice and new product information, follow us on Twitter  @cJfires



FX4 curved door model



FP4 square door model

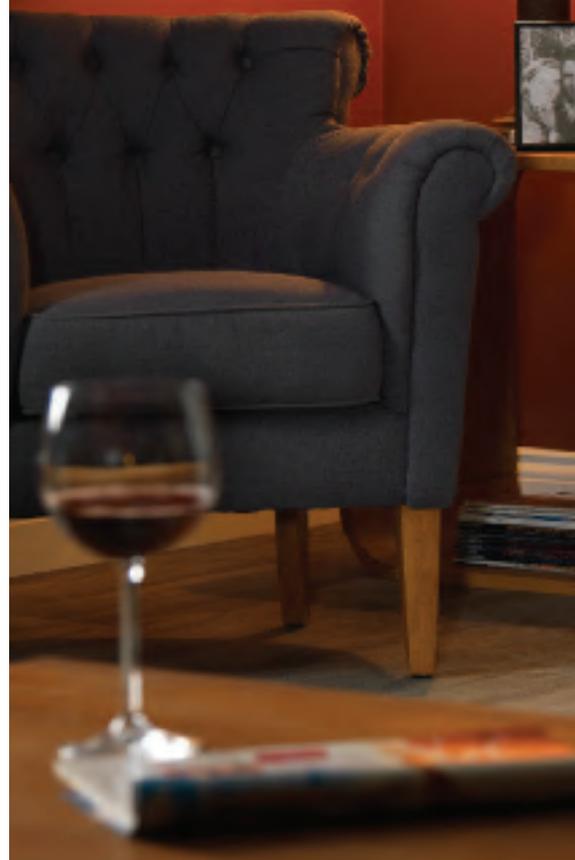


FX4 curved door log store model



FP4 square door log store model

FX4 curved door model shown in Beckford surround with chamber



Fireline FX4 & FP4 multi-fuel stoves

Superior, large-stove performance from a petite, narrow design means that these models combine the efficiency and economy of a small stove with the enhanced performance of a much larger model. Continuous research and development have created a clean-burning heat that gives a cleaner, greener environment. Fitting virtually any aperture, this attractive design is freestanding. There is a choice of square or curved door styling, both of which offer superb flame pictures whether you burn wood or other fuels. SIA Ecodesign Ready and DEFRA exempt as standard for use in any location.



FP4 square door model



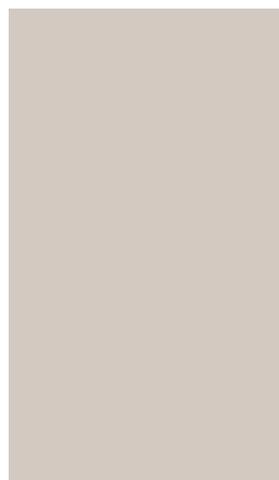
FX4 curved door model shown on log store



FX5 curved door model shown on log store



FP5 square door model shown in limestone Aylesbury and chamber





FX5 curved door model



FP5 square door model



FX5 curved door log store model



FP5 square door log store model



FX5 Curved door model shown in Beckford surround with chamber

Fireline FX5 & FP5 multi-fuel stoves

Traditional or contemporary, these new 5kW multi-fuel stoves look as harmonious in a farmhouse inglenook as they do in a newly built town house. Both stoves are freestanding, with either a curved or square door and large flame picture. For people living in a smoke-controlled area, these Fireline stoves are SIA Ecodesign Ready and DEFRA exempt for wood burning. This means they meet the latest UK Clean Air Act, giving a greener source of heat.



FP5W square door model



FP5W square door log store model



FX5W curved door model



FX5W curved door log store model

Fireline FX5W & FP5W multi-fuel stoves

The FX5W & FP5W give the large looks of the 8kW wide screen stove but maintaining the nominal heat output at 5kW. This is achieved by a subtle reduction in depth of the grate area whilst the overall 480mm width of the stove is the same as the larger 8kW model. This means that full 375mm logs can be accommodated on the standard multi-fuel grate, which incorporates a rotary riddle mechanism using well proven principles. With a firebox lined with ceramic clean burn liners and Fireline's own patented firebox air supply technology, clean burning was assured from the beginning – Ecodesign, CE and DEFRA compliance were formalities. 81% efficiency ensures top levels of fuel economy and the highly effective, proven Fireline airwash system gives fabulous views of the fire through the large glass panel.



FX5W curved door model shown on log store



FX5W curved door model shown in Camelia rustic slate liners



FP5W square door model shown on log store



FQ5W contemporary door model



FQ5W contemporary door log store model



FQ5W contemporary bar handle model



Fireline FQ5W multi-fuel stoves

The latest addition to the Fireline line up is the FQ model with all new design styling. Featuring an even larger glass viewing panel than the original 5 Wide stablemates, the subtle curves and angles of the substantial cast iron door frame enhance the superb fire view within. Supplied with the standard soft touch profiled handle, an optional solid stainless steel bar handle and log store stand are available for personalisation. Elegant balance blended with substantial presence means that the FQ lends itself to create a relaxed living space with a wide variety of fireplace and interior choices. All Fireline stoves are multi-fuel, DEFRA exempt and SIA Ecodesign Ready as standard.





AQ5W shown in Aylesbury surround with grey slate liners and limestone back hearth



AQ5W shown on log store



FP8 square door model shown on log store



FX8 curved door model



FP8 square door model



FX8 square door
log store model



FP8 curved door
log store model

Fireline FX8 & FP8 multi-fuel stoves

The FX8 and FP8 stoves are big, heavyweight, freestanding designs, made from steel with a traditional cast iron door with extra-wide, ceramic glass, flame viewing window. Ideally suited to larger rooms, these stoves can pump out a really serious amount of heat. Both stoves have exactly the same specifications, except for the door design, where you have a choice of either a square or a curved door feature. Whichever one you choose, the extra-wide flame picture will enhance even the biggest room.



FX8 curved door model shown in
Boscombe surround with rustic slate chamber liners



FQ8 contemporary door model



FQ8 contemporary door log store model



FQ8 contemporary bar handle model



FQ8 in Balmoral with rustic slate liners

Fireline FQ8 multi-fuel stoves

The latest 8kW model from Fireline is the FQ8 with all new updated design styling. Featuring an even larger glass viewing panel than the FX and FP originals, the subtle curves and angles of the substantial cast iron door frame enhance the superb fire view within. Elegant balance blended with substance lends itself to a wide variety of fireplace and interior choices to create a relaxed living space. An optional stainless steel bar handle is available to replace the standard moulded soft touch item or a log store can be added for extra practicality. All Fireline stoves are multi-fuel, DEFRA exempt and SIA Ecodesign Ready as standard.



FQ8 on log store

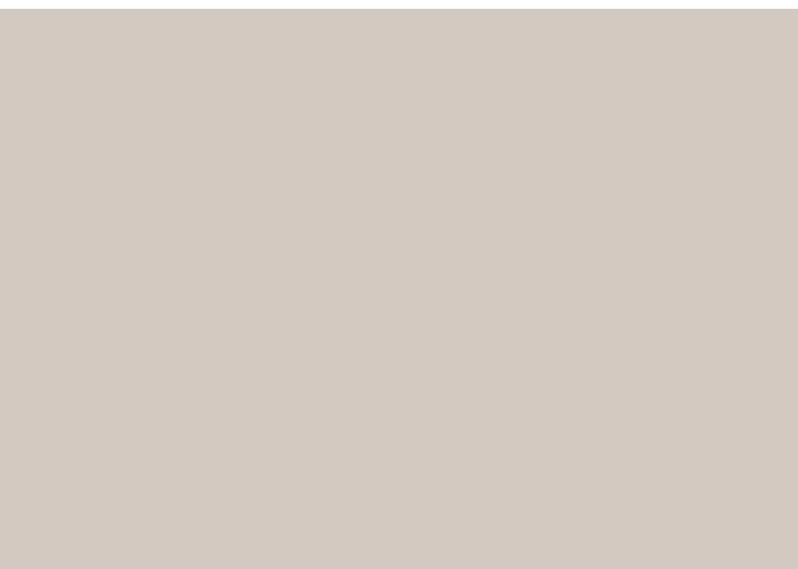


FPI5 in Beckford with 3 sided wide trim



Fireline FPi5 & FGi5 multi-fuel stoves

Create a stunning impression in your living room and enjoy the pleasure of a real wood-burning stove. Today's stoves burn wood efficiently and cleanly, providing maximum heat and a focal point in any home. The 16" x 22" FPi5 has been designed to fit virtually any standard Class I chimney. This means fitting should be easy, with little building work required. This fire is Ecodesign Ready and DEFRA exempt for burning wood in smoke-controlled areas plus being multi-fuel means you also have the option of burning solid fuel. When married with a Fireline limestone mantel, such as the Beckford shown above, the effect can be truly stunning. The stove comes with a choice of a solid cast iron door (FPi5) or with a double-glazed glass door (FGi5).



FPi5 inset stove in limestone Beckford

Fireline FPi5T & FGi5T multi-fuel stoves



FPi5T and FGi5T is a 16" multi-fuel tapered stove designed to fit in a fireplace opening without the need to remove the fire brick. The design was driven directly by requests from customers for a much-improved view of the fire in an easy-to-fit tapered stove firebox. With its very large ceramic glass panel, this model differs from every other 16" tapered stove on the market by giving the customers the maximum possible fire view in its size class. Performance has not been compromised either due to the advanced combustion chamber design easily achieving Ecodesign Ready and DEFRA exempt performance and 80% efficiency with clear glass provided by a powerful airwash. A full 5kW nominal rating on wood or smokeless fuel is the result, which provides an excellent choice for those not wishing to remove their tapered fireback. The stove comes with a choice of either a cast iron door or a modern fully glazed black glass door.



FPi5T stove in Camelia surround

**FITS INTO
EXISTING
FIREBRICK**



Can be fitted 5" below a 6" combustible shelf when fitted with the optional heat deflector supplied.

FGI5T stove with fully glazed glass door



Fireline FPi5W & FGi5W multi-fuel stoves

FPi5W is a mid-sized 5kW rectangular inset multi-fuel stove designed to fit 20" fireplace openings to neatly offer a mid-sized firebox unit retaining a 5kW nominal rating. The firebox technology is well adapted to this size thereby maintaining 78% efficiency, Ecodesign Ready and DEFRA exempt standards of clean combustion. The stove comes complete with a high-quality multi-fuel kit and stainless steel ashpan, so no compromise on ash removal is necessary. It comes with a choice of either a cast iron door or a black doubled glazed glass door.



FPi5W shown in Aylesbury surround with four sided trim



FPI5W inset shown in limestone Stokesay



FGi5W with four sided trim in wall

FPi8 wall with four sided wide trim



FPi8 Inset stove shown set in the wall with a four sided trim





Fireline FPi8 multi-fuel stoves

A classical yet contemporary design, the FPi8 features a truly stunning wide flame window that gives this model a superb room presence. The extra-large fire chamber accepts logs over ½ metre in length, which results in a longer burn and more efficient heating, not to mention the time saved in cutting small logs. The stove is available with a choice of a three or four-sided trim and, when married with one of our limestone mantels such as the Edgemond shown at the bottom of the page, the effect is a real show-stopper.



FPi8 inset shown in limestone Edgemond

Fireline Woodtec Stove Range



Woodtec 5



Woodtec 5 on stand



Woodtec 5 with log store



Woodtec 5W



Woodtec 5W on stand



Woodtec 5W with log store



Woodtec 5XW



Woodtec 5XW on stand



Woodtec 5XW with log store



Unashamedly accentuating the delightful wood fire at its heart, refined and elegant design combines with powerful SIA Ecodesign Ready performance to deliver Woodtec's unique and compelling allure.

Clean lines of the exquisitely profiled cast iron door and strong seam welded steel firebox blend flawlessly into a multitude of fireplace and interior scenes. Cutting-edge patented biomass combustion technology is ingeniously integrated into a captivating paradigm of warm ambience created by fire.

Easy to operate with a technically advanced single air control and powerful air wash, each of the three wood burning models can be personalised with optional stand, log store and black or oak handles. For total peace of mind all models are SIA Ecodesign Ready certified, DEFRA exempt for smoke control areas, HETAS approved, CE marked to harmonised standards and manufactured under ISO9001 and ISO14000 systems.

Choose only the best with Woodtec stoves from Fireline.

Key Features

- SIA Ecodesign Ready 2022 certified – ultra clean burning.
- Extra high-quality, long-lasting, cast ceramic firebox liners.
- Super clean design lines.
- Powerful air wash system.
- Minimum 75mm rear clearance to combustibles.*
- Minimum 50mm clearance to non-combustibles.
- 80% plus efficiencies.
- Slimline fireboxes as standard < 12" deep.
- Top flue centre 77mm from back of stove.
- Top and rear flue outlet connections.
- Single stainless-steel air control lever.
- High-quality cast iron doors.
- External Air Kit supplying 100% air available.
- DEFRA exempt for burning wood in smokeless zones.
- Super wide fire beds.
- 12mm superimposed hearth compatible.
- 5" flue connections for convenience and flexibility.
- Slim 12" max depth.
- Adjustable feet for uneven hearths.
- Stainless-steel door lever.
- Cool touch stainless-steel handle.
- New optional black or oak handle.
- Solid stainless-steel operating tool provided.
- Patented tertiary air system.
- High-quality stove gloves provided.
- Stainless-steel ash rake provided.
- Unique optional ash solution available for instant firebox preparation.
- Standard, Wide and Extra-Wide models.

*Minimum rear clearances from combustibles achieved using twin wall flue pipe from the top of the stove plus heatshields provided. The 5XW is 100mm.



Woodtec 5 on stand in Aylesbury with rustic slate chamber



Woodtec 5



Woodtec 5 on stand



Woodtec 5 with log store

Woodtec 5 wood-burning stoves

The Woodtec range from Fireline offers clean lines of the exquisitely profiled cast iron door and strong seam welded steel firebox which blends flawlessly into a multitude of fireplace and interior scenes. The stove features extra high-quality, long-lasting, cast ceramic firebox liners. Not only do the liners look great but they are self-cleaning when you burn the stove and get the temperature up, any soot on the liners will fade away.



Woodtec 5 stove on stand



Woodtec 5W



Woodtec 5W with log store



Woodtec 5W on stand

Woodtec 5W Wide wood-burning stoves

Like all the Woodtec stoves the 5kW Wide is easy to operate with a technically advanced single air control and powerful air wash. Each of the three wood burning models can be personalised with optional stand, log store and black or oak handles. As with the other stoves in the range they have a 5" flue connection for convenience and flexibility.



Woodtec 5W on stand in Aylesbury surround with rustic slate chamber





Woodtec 5W in Aylesbury with grey slate chamber



Woodtec 5XW



Woodtec 5XW with log store



Woodtec 5XW on stand

Woodtec 5XW Extra Wide wood-burning stoves

The widest in the range the Woodtec 5kW Extra Wide offers one of the largest viewing windows on the market for a 5kW stove. All the models in the Woodtec range (and in fact all the stoves in this brochure) are SIA Ecodesign Ready certified, DEFRA exempt for smoke control areas, HETAS approved, CE marked to harmonised standards and manufactured under ISO9001 and ISO14000 systems.



Woodtec 5XW with log store

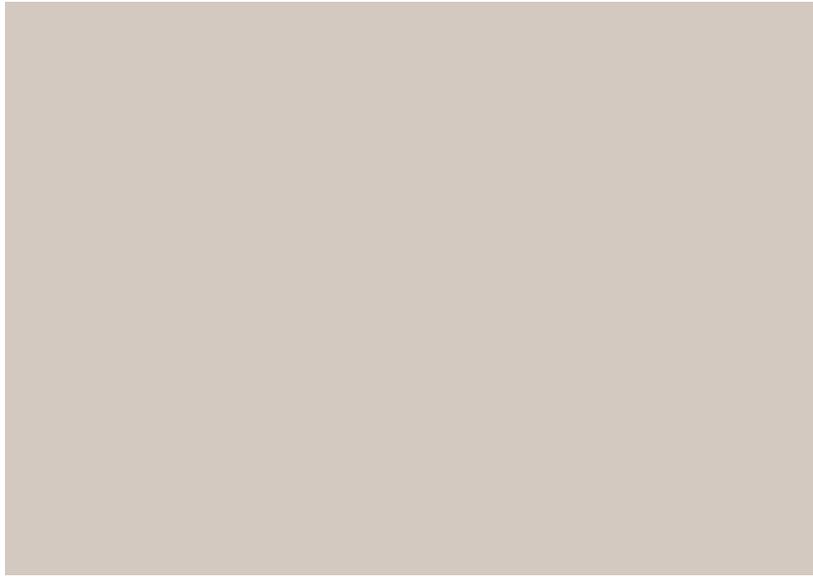




Super sized windows



Woodtec 5XW on stand in Mafra with rustic slate liners



Fireline FPW & FXW gas-burning stoves

As with our range of multi-fuel stoves, these two new gas-burning models are manufactured with the same heavy-duty, seam-welded steel bodies, cast doors and adjustable feet. Installation is made flexible, with a choice of flue and venting options, allowing the stove to be fitted in Class 1, Class 2 and pre-cast flues. The stove can also be top-vented for a more traditional inglenook setting. The highly realistic log fuel beds are viewed through a large panoramic window and performance is controlled by a single knob, allowing the stove to deliver a net thermal efficiency of up to 78%. It all adds up to make the FPW and FXW stoves a must for today's busy households.

FPW gas stove shown in Aylesbury limestone suite



FXW gas stove with curved door



Fireline FXW BF & FPW BF gas burning stoves

Following the huge success of the conventional flue Fireline gas stoves (page 35) we are pleased to be able to offer the balanced flue models. As per all the stoves in this brochure these stoves are manufactured with heavy-duty, seam welded steel bodies, cast doors and adjustable feet. Like our conventional flue stoves they have highly realistic fuel bed and a large panoramic window. The stove is operated using an infra-red remote handset for ease of arm chair control. The stoves deliver an impressive thermal net efficiency of up to 88% and delivers an ideal solution where a chimney or flue has been condemned or is not available for use.



BF gas stove with curved door





BF gas stove with square door

Fireline FP/FX Electric Stoves with 3D Ecoflame™ technology

With today's highly efficient homes it is not always necessary to have a gas or wood burning stove in your room or fitting such an appliance may just not be possible. If however you want the warmth from the look and feel of a stove in your home but without the need for such high heat outputs then an electric stove is the ideal choice.

The Fireline electric stove is based on the wood burning FX/FP5W, one of the UK's most popular stoves. Like the wood burning stove there is a choice of either a curved or a square cast iron door and the body is heavily built from 5mm thick laser profiled steel plate.

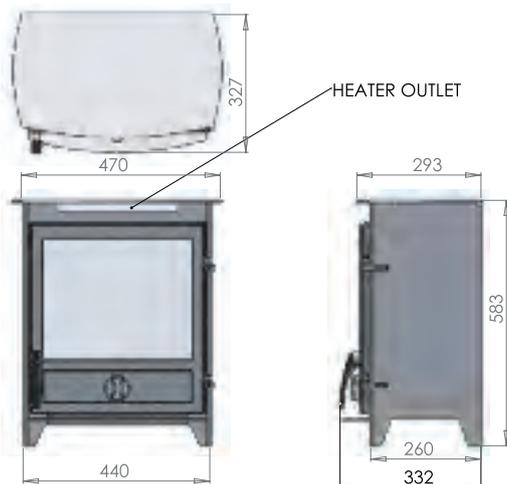
The stoves have an ultra-realistic flame effect thanks to the 3D Ecoflame™ from Charlton & Jenrick Ltd.



FP electric stove with square door



Dimensions & Specification





Product highlights

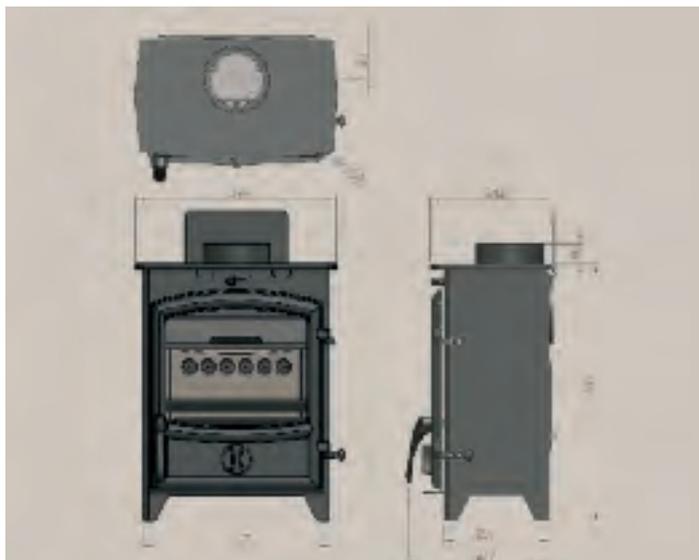
- Loose realistic log or coal fuel Bed
- Exciting realistic flame effect with 4 mood settings
- Remote control with timer and thermostat built in
- 2 generous heat settings Low 1kW and High 2kW
- Heavy duty steel construction
- Quality solid cast iron door



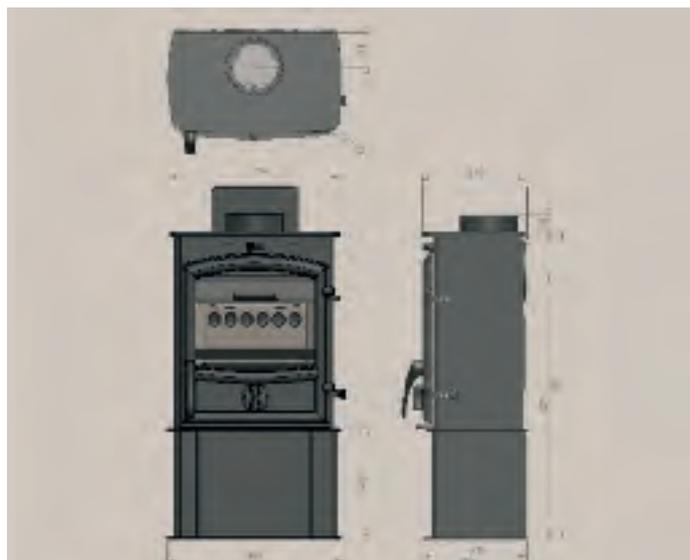
Quality heavy duty steel
& cast iron construction

FX electric stove with curved door

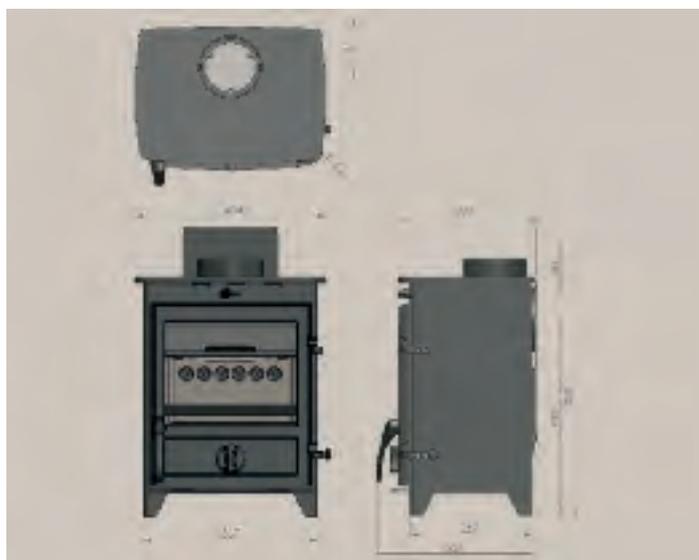
Dimensions & Specifications



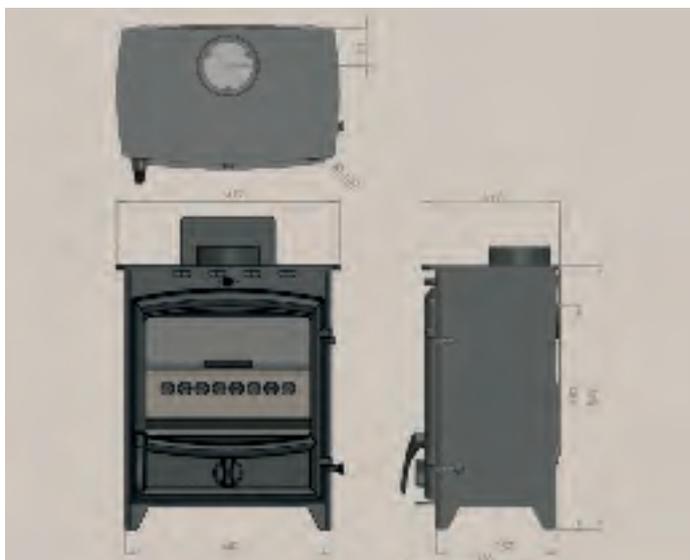
FX4 & FP4 (FX4 shown)



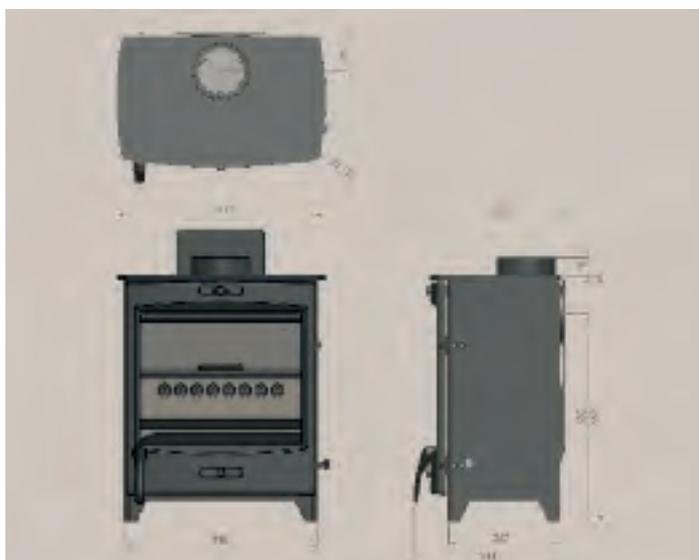
FX4 & FP4 on log store (FX4 shown)



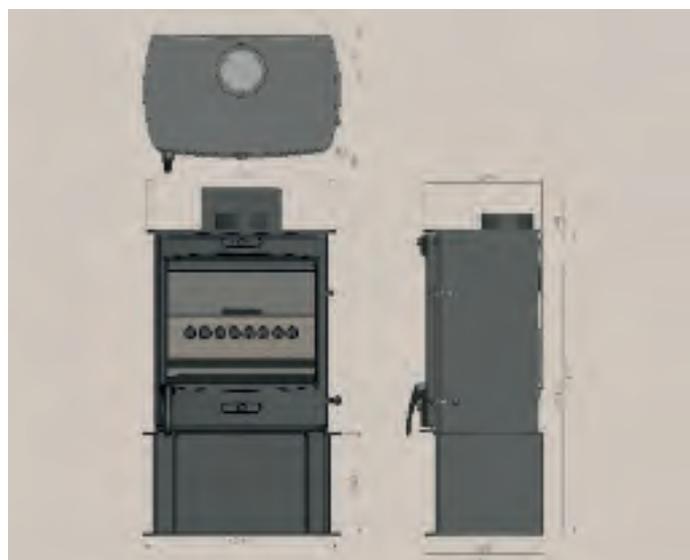
FX5 & FP5 (FP5 shown)



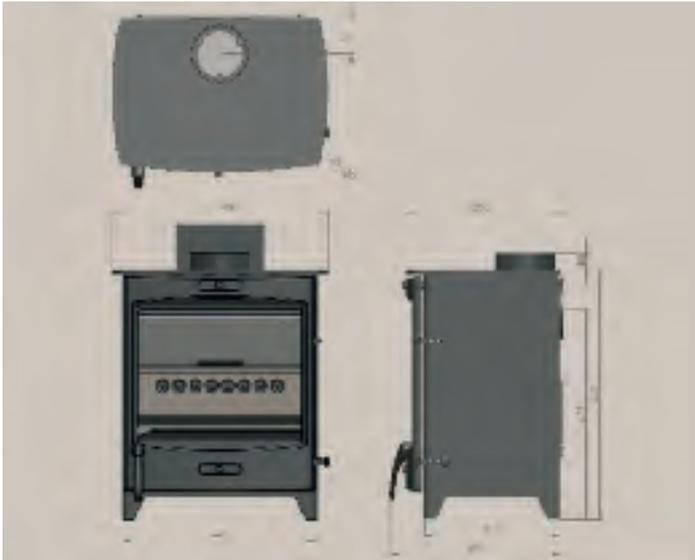
FX5W & FP5W (FX5W shown)



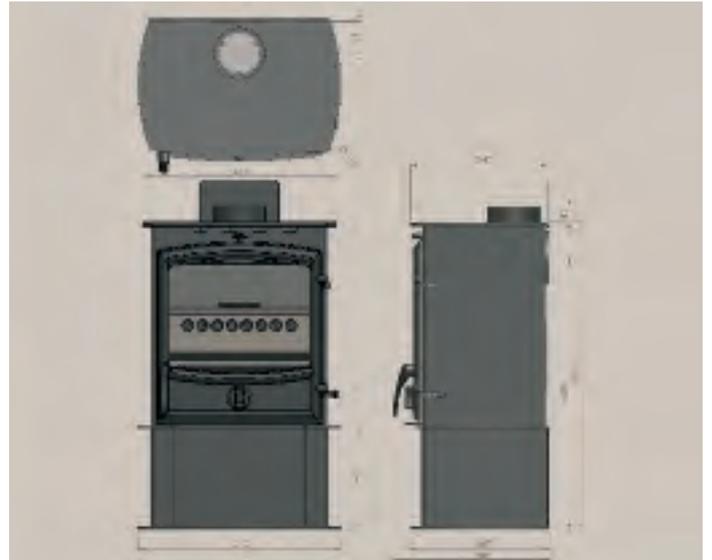
FQ5W



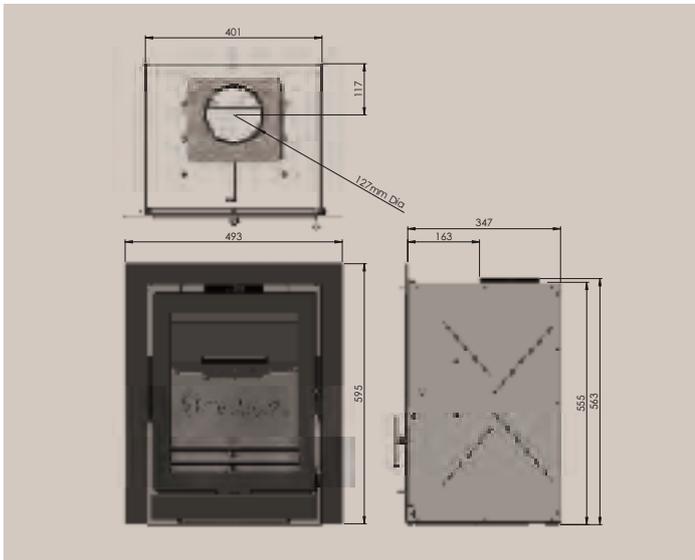
FQ5W on log store



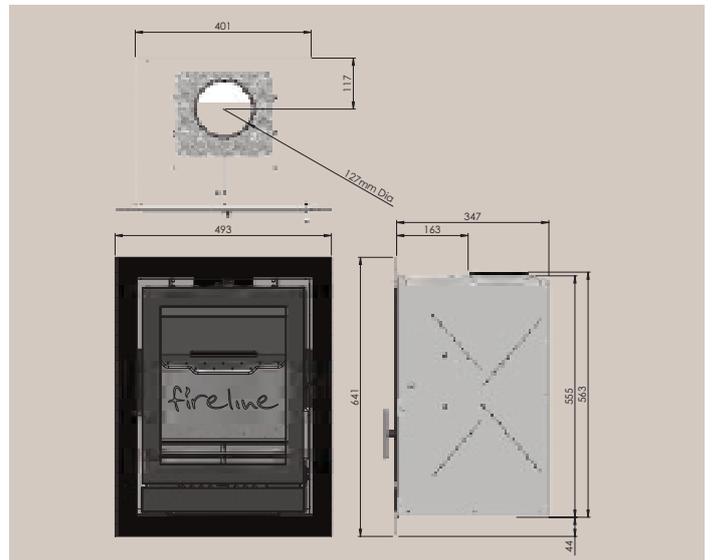
FQ8, FX8 & FP8 (FQ8 shown)



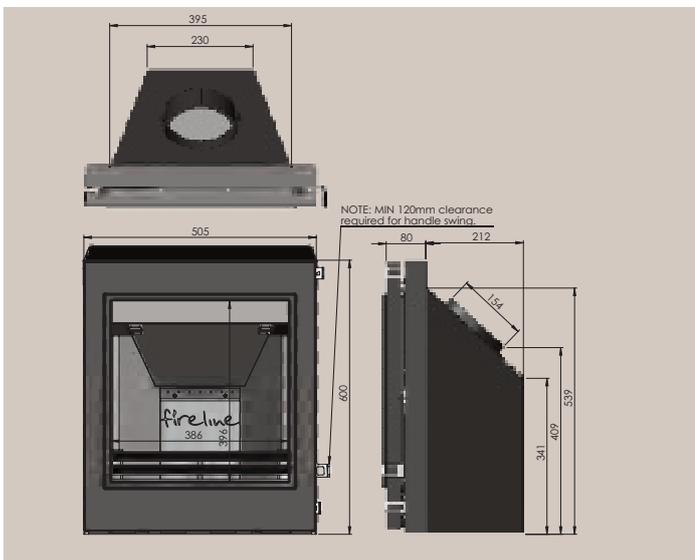
FQ8, FX8 & FP8 (FX8 shown) on log store



FPi5 & FGi5 3 sided*



FPi5 & FGi5 4 sided*

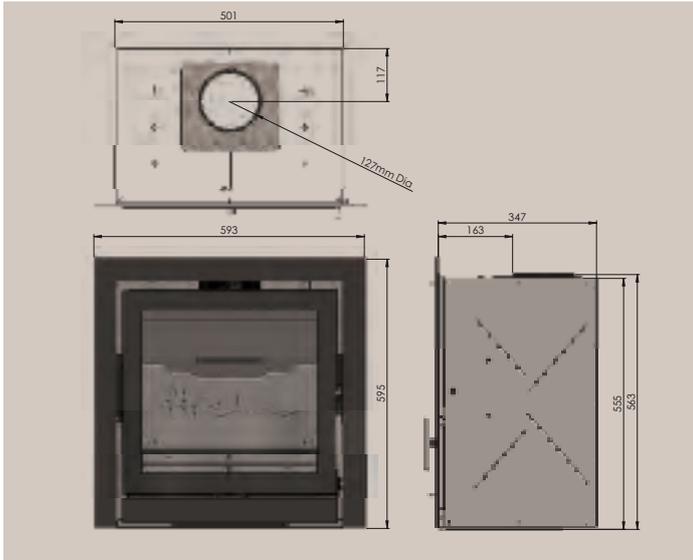


FPi5T & FGi5T

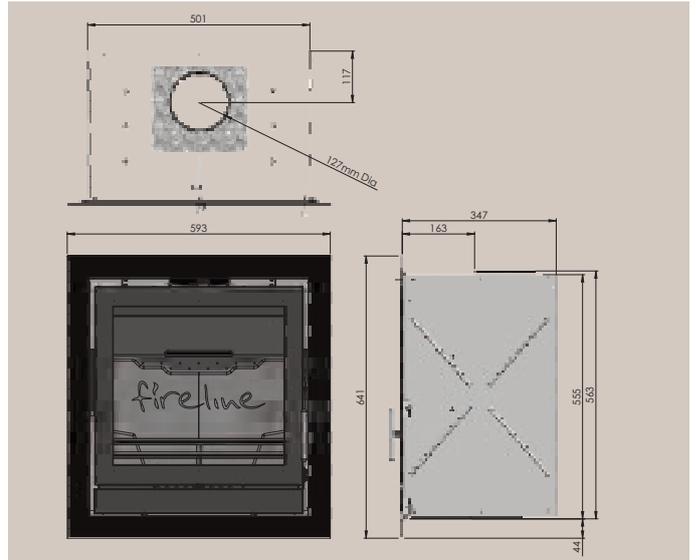


*Optional three & four sided trims are available in a wide format which adds 25mm to the frame border. The overall trim therefore increases by 50mm in width and height.

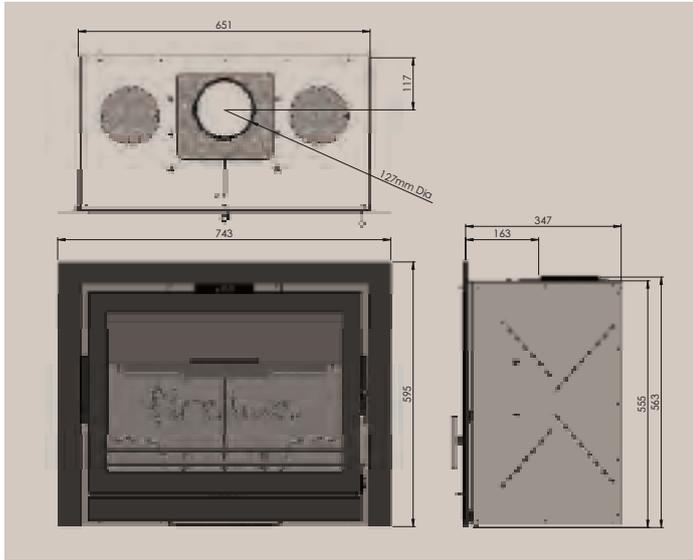
Dimensions & Specifications



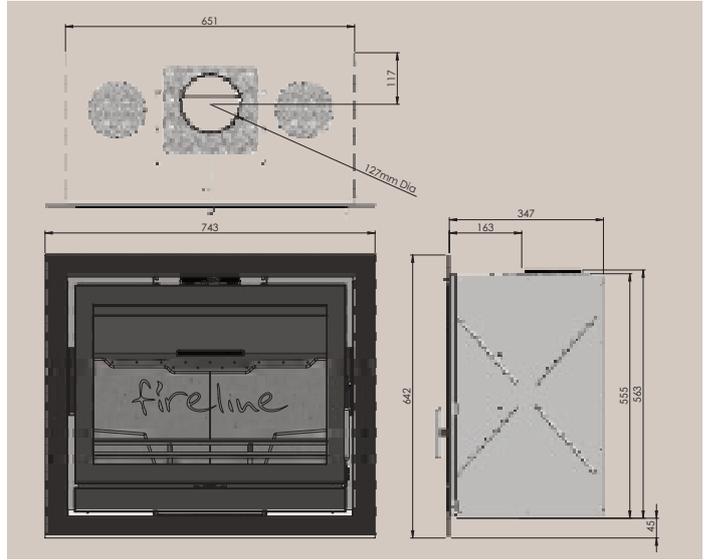
FPI5W & FGI5W 3 sided*



FPI5W & FGI5W 4 sided*



FPI8 3 sided*



FPI8 4 sided*

*Optional three & four sided trims are available in a wide format which adds 25mm to the frame border. The overall trim therefore increases by 50mm in width and height.



FIRELINE STOVES RANGE – TECHNICAL DATA

MODEL	FX/FP4	FX/FP5	FX/FP/ FQ5W	FX/FP/FQ8	FP/FGi5	FP/FGi5W	FPI8	FPI/FGi5T	Woodtec 5	Woodtec 5W	Woodtec 5XW
Fuel:	Wood/ Solid Fuel	Wood	Wood	Wood							
Flue:	Top/Rear	Top/Rear	Top/Rear	Top/Rear	Top (Inset)	Top (Inset)	Top (Inset)	45° (Inset)	Top/Rear	Top/Rear	Top/Rear
Flue connector diameter:	127mm (5")	152mm (6")	127mm (5")	127mm (5")	127mm (5")						
Finish:	Matt Black	Matt Black	Matt Black	Matt Black							
Gross Weight (kg):	58	66	81	90	80	95	118	75	75	89	96
Efficiency (%):	81.8	81.7	80.8	81.1	81	78	78.4	80.3	81.1	80.2	81.2
Declared Nominal Output (kW):	4	5	5	8	5	5	8	5	5	5	5
Output Range (DEFRA test):	3.0-6.3	3.8-8.5	4.0-7.7	5.8-8.2	4.0-6.0	4.3-6.5	5.5-11.0	3.9-5.8	3.5-6.9	3.8-7.0	3.7-8.0
Flue Gas Mass Flow (g/s):	3.2	3.6	4.2	5.4	3.6	4.4	5.8	4.1	3.9	4.3	4.1
Nominal Flue Temperature (°C):	259	278	263	301	288	292	331	276	272	270	254
Maximum Log Length (mm):	300	300	375	375	300	395	540	200-300	300	400	450
Energy Labelling EEI Class:	A+	A+	A+	A+	A+	A	A	A+	A+	A+	A+
External Air Kit Option:	No	Yes	Yes	Yes							

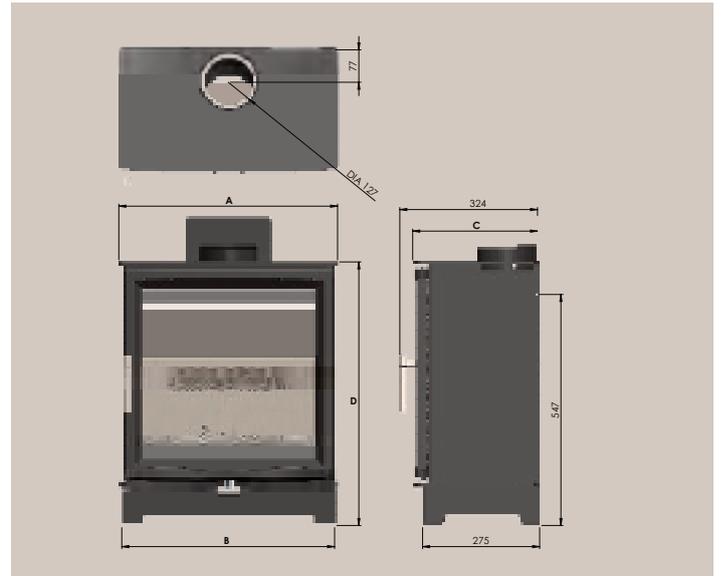
SMOKELESS FUEL TECHNICAL DATA

MODEL	FX/FP4	FX/FP5	FX/FP/ FQ5W	FX/FP/FQ8	FP/FGi5	FP/FGi5W	FPI8	FPI/FGi5T
Test Fuel	Maxibrite	Maxibrite	Maxibrite	Maxibrite	Ancit	Ancit	Ancit	Maxibrite
Efficiency (%)	79.8	79.5	81.6	82.9	76.4	76.5	77	80.7
Declared Nominal Output (kW)	4	5	5	8	5	5	8	5
Flue Gas Mass Flow (g/s)	3.3	3.8	3.1	4.5	3.8	4.2	5.9	3.4
Flue Temp (Nominal)	270	294	298	311	275	253	297	288

Fireline Woodtec Stove Dimensions & Specifications

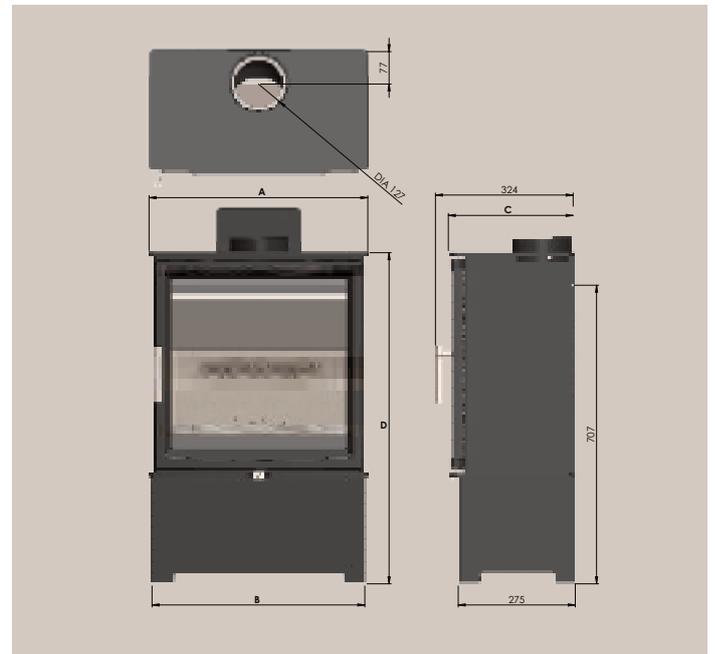


Woodtec 5W stove



Woodtec 5W stove shown on stand

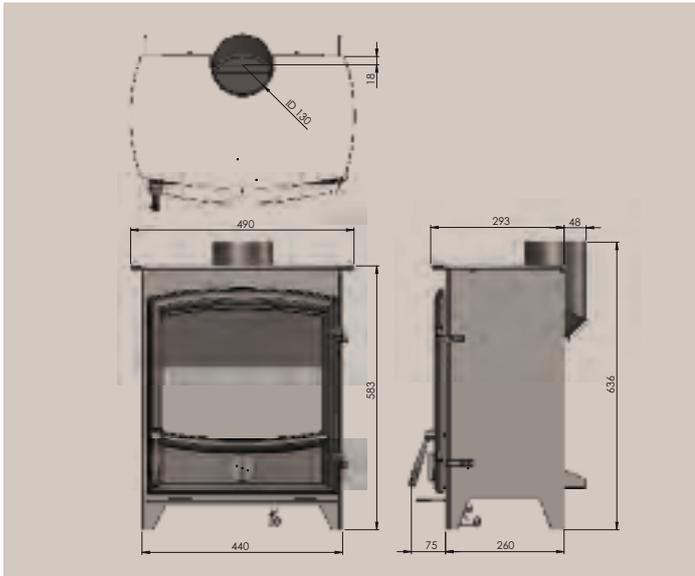
Dimensions (mm)	A	B	C	D
Woodtec 5	414	390	290	548
Woodtec 5W	514	490	293	548
Woodtec 5XW	564	540	295	548
Woodtec 5 on Stand	414	400	290	624
Woodtec 5W on Stand	514	500	293	624
Woodtec 5XW on Stand	564	550	295	624
Woodtec 5 on Logstore	414	400	290	784
Woodtec 5W on Logstore	514	500	293	784
Woodtec 5XW on Logstore	564	550	295	784
Output Efficiency Ratings	Efficiency	EEl	Nominal Output	Typical Range
Woodtec 5	81.1%	A+	5kW	3.5 -6.9kW
Woodtec 5W	80.2%	A+	5kW	3.8-7.0kW
Woodtec 5XW	81.2%	A+	5kW	3.7-8.0kW



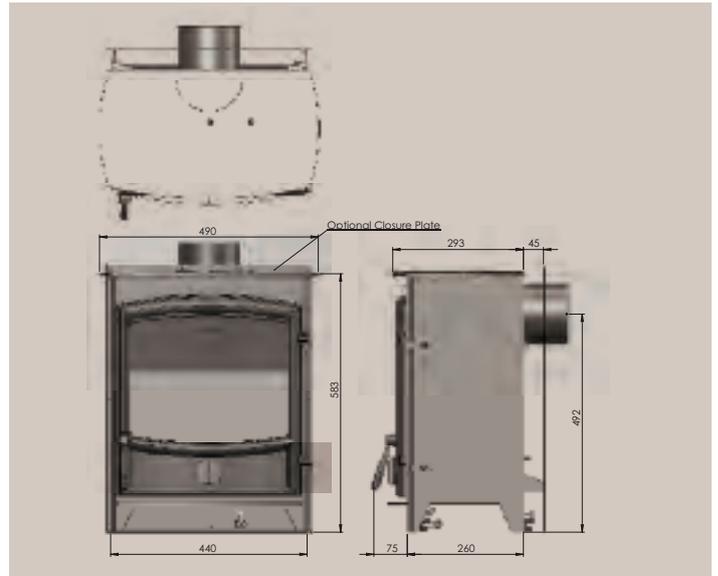
Woodtec 5W Stove shown on log store



Fireline FX/FP Gas Range Dimensions & Specifications



Conventional flue gas stove – top connection



Conventional flue gas stove – rear connection

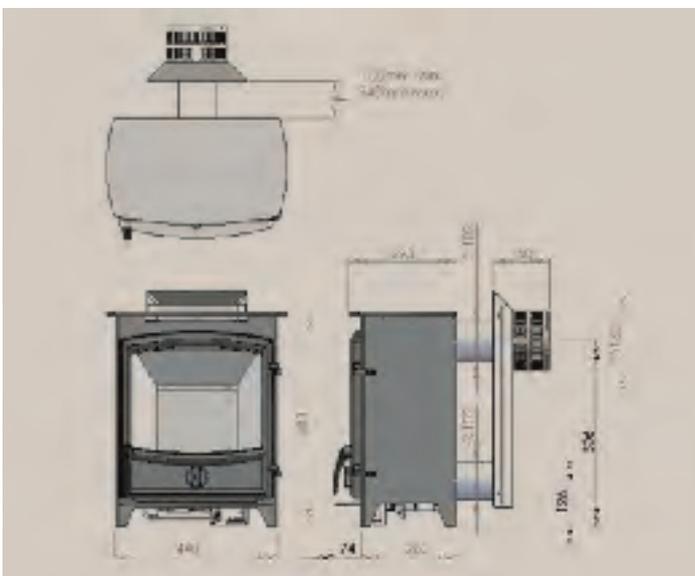
Specifications

Free-standing, traditional stoves, featuring life-like ceramic log beds

- Free-standing gas stoves
- Natural gas or LPG
- Conventional Flue can be fitted into Class 1, Class 2 and pre-cast flues
- Flue and venting options
- Balanced flue rear vented
- Ceramic log fuel bed
- Up to 85% efficient

FXW/FPW RANGE GAS STOVES

	CONVENTIONAL FLUE		BALANCED FLUE	
	NATURAL GAS	PROPANE (LPG)	NATURAL GAS	PROPANE (LPG)
Gas Type:	Category 12 H	Category 13 P	Category 12 H	Category 13 P
Gas Pressure:	20mbar +/- 1.0mbar	37mbar +/- 1.0mbar	20mbar +/- 1.0mbar	37mbar +/- 1.0mbar
Pressure test point location:	Gas inlet elbow	Gas inlet elbow	Gas inlet elbow	Gas inlet elbow
Gas input maximum:	5.5kW Gross	5.0kW Gross	5.4kW Gross	4.9kW Gross
Gas input minimum:	2.4kW Gross	2.4kW Gross	2.4kW Gross	2.4kW Gross
Gas output maximum:	3.6kW	3.6kW	4.3kW	4.3kW
Injectors:	MK 360	MK 116	MK 360	MK 116
Oxy pilot:	9044 N.G.	9222 L.P.G.		
Gas connection:	8mm compression: semi-rigid or rigid			
EEL Class:	E	E	C	C
	Data Badge located on inside of door or on plate attached to the rear of stove. Net Efficiency 79% Gross Efficiency 70%. Independently verified to BS EN 613		Data Badge located on inside of door or on plate attached to the rear of stove. Net Efficiency 85% Gross Efficiency 77%. Independently verified to BS EN 613	



Balanced flue gas stove – FXW BF & FPW BF



Fireline Stove Range

Wood Burning

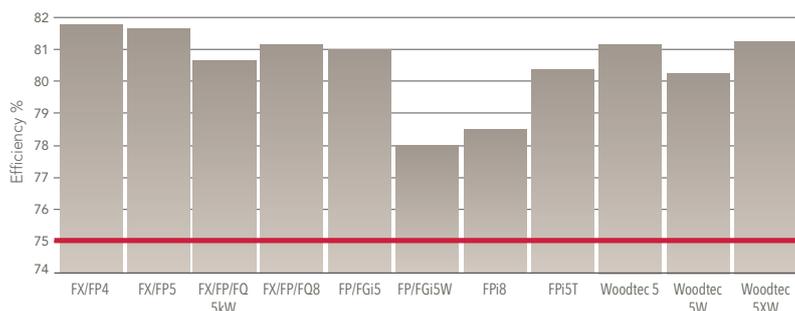
– Technical Performance Details

Quality stoves are so much more than just a metal box at the bottom of the chimney. Considerable efforts are required to ensure that the stove can be thermally efficient and many further developments are required to make a stove fully clean burning. Stoves are often incorrectly considered 'clean burning' just because they have an air wash, but the hard truth is that even stoves with an air wash system and good thermal efficiency can be dirty burners. Fireline stoves are all both highly thermally efficient and genuinely clean burning with official SIA Ecodesign Ready and DEFRA exemption listing easily achieved on all models. By choosing and using C&J stoves you can be assured that all environmental considerations are taken good care of. Some of the following measures demonstrate just how well our stoves burn wood.



Total Efficiency to EN13240/13229

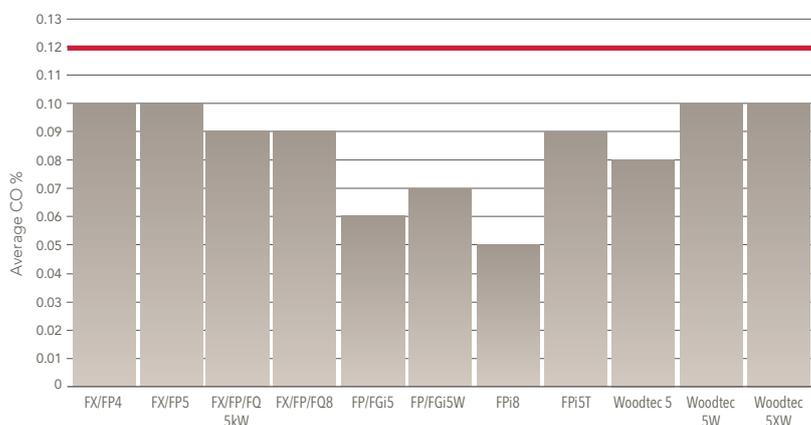
Total efficiency is the overall effectiveness of the stove in converting the kW content of fuel into heat that you will feel in your room. This must be measured by an independent test house to BS EN 13240 or 13229 to be comparable with other stoves. Total efficiency is not a measure of clean burning in any way. It is quite possible to have a stove with high thermal efficiency that burns with plenty of smoke, or a clean burning stove with low efficiency. However Fireline has worked especially hard to bring you a range of stoves that are both highly efficient and very clean burning. All our Fireline stoves far exceed the minimum efficiency required by Ecodesign 2022 as the graph shows.



	FX/FP4	FX/FP5	FX/FP/FQ 5kW	FX/FP/FQ8	FP/FGi5	FP/FGi5W	FPI8	FPI5T	Woodtec 5	Woodtec 5W	Woodtec 5XW
Efficiency %	81.8	81.7	80.8	81.1	81	78	78.4	80.3	81.1	80.2	81.2
Ecodesign Minimum LIMIT	75%										

Carbon Monoxide (CO) Emissions

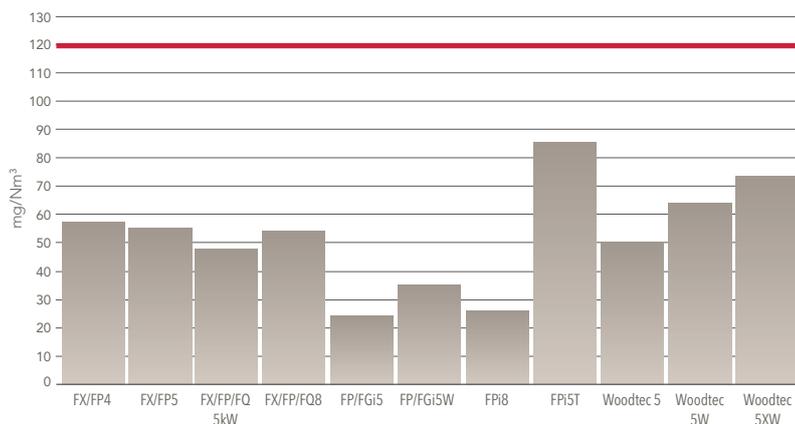
At present the UK limit for CO emissions is 1% but this is a very high threshold in reality. Some other EU countries and Ecodesign 2022 specify that the average shall not exceed 0.12% over the duration of 3 consecutive tests, a reduction of more than 88%. Bearing this in mind, C&J have worked tirelessly since 2013 to reduce CO emissions of all our stoves to within this 0.12% limit and this has been achieved with no stove producing more than 0.1% under accredited independent lab testing. In the adjacent graph you can see how our stoves exceed the Ecodesign 0.12% 2022 requirement already.



	FX/FP4	FX/FP5	FX/FP/FQ 5kW	FX/FP/FQ8	FP/FGi5	FP/FGi5W	FPI8	FPI5T	Woodtec 5	Woodtec 5W	Woodtec 5XW
Average CO %	0.1	0.1	0.09	0.09	0.06	0.07	0.05	0.09	0.08	0.1	0.1
Ecodesign Maximum LIMIT	0.12%										

Organic Gaseous Carbon (OGC) Emissions

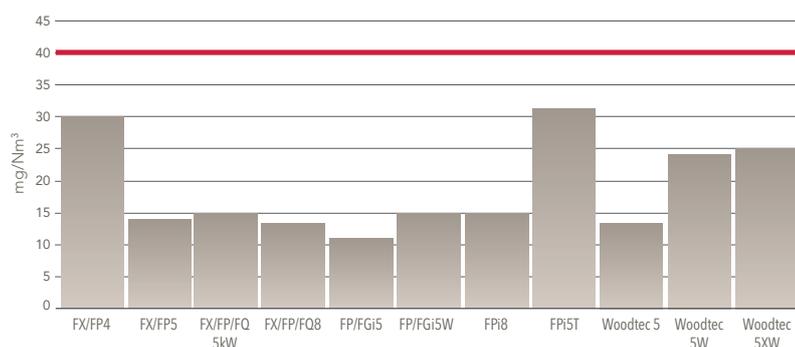
Organic Gaseous Carbon compounds are particles of unburned fuel and contribute to atmospheric pollution and associated human health concerns. Presently totally un-regulated in the UK, OGC is to be governed at a maximum average of 200 mg/Nm³ during 3 consecutive lab tests from 2022. Not content with waiting several more years for this to be imposed, all current C&J stoves exceed this very important requirement for wood burning by an average of 57% and no less than 86% for mineral fuels as the graph shows.



	FX/FP4	FX/FP5	FX/FP/FQ 5kW	FX/FP/FQ8	FP/FGi5	FP/FGi5W	FPI8	FPI5T	Woodtec 5	Woodtec 5W	Woodtec 5XW
OGC Emissions mg/Nm ³	58	55	48	54	24	35	27	86	50	63	73
Ecodesign Maximum LIMIT	120 mg/Nm ³										

Particulate Matter (PM) Emissions

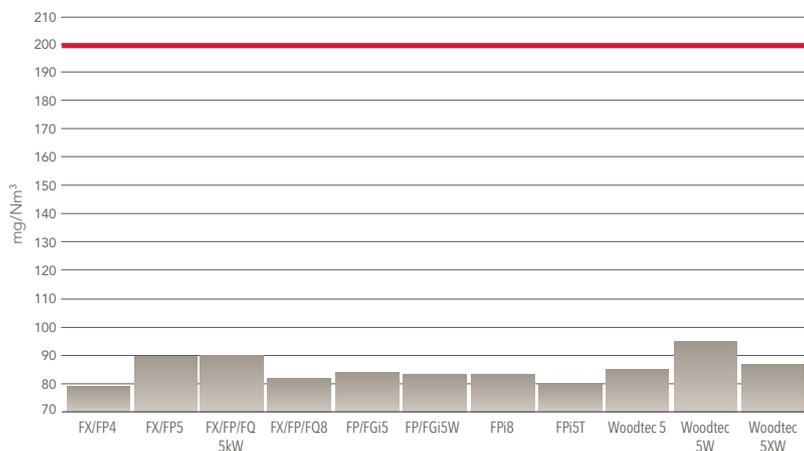
Measured by the EU leading DIN+ filter method, Particulate Matter includes microscopic soot, ash dust and fuel particles that can be carried out of the flue into the environment. Only regulated in UK DEFRA smoke control areas at the moment (which all Fireline stoves comply with of course), 2022 rules will impose a limit of 40 mg/Nm³ that must not be exceeded during 3 consecutive lab tests. DEFRA testing extends PM testing to low rate burning using UK test methods and although the limits are higher than Ecodesign the combined result of both PM regulations is a very clean burning stove indeed.



	FX/FP4	FX/FP5	FX/FP/FQ 5kW	FX/FP/FQ8	FP/FGi5	FP/FGi5W	FPI8	FPI5T	Woodtec 5	Woodtec 5W	Woodtec 5XW
PM Emissions mg/Nm ³	30	14	15	13	11	15	15	31	13	24	25
Ecodesign Maximum LIMIT	40 mg/Nm ³										

NOx Emissions

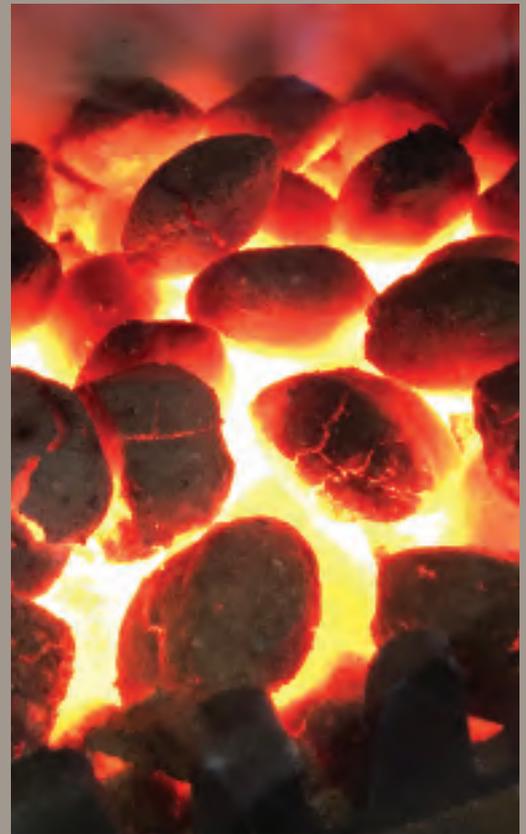
Emissions of nitric oxide and nitrogen dioxide, known collectively as NOx, are monitored in the environment as part of worldwide air quality standards. Presently unregulated in the UK, Ecodesign imposes a 200 mg/Nm³ limit on all solid fuel burners as the average of 3 consecutive tests in an accredited laboratory. Once again, not content to wait until new rules arrive in 2022, all C&J stoves exceed the performance requirements for NOx emissions convincingly as the graph demonstrates.



	FX/FP4	FX/FP5	FX/FP/FQ 5kW	FX/FP/FQ8	FP/FGi5	FP/FGi5W	FPI8	FPI5T	Woodtec 5	Woodtec 5W	Woodtec 5XW
Nox Emissions mg/Nm ³	79	90	90	82	84	83	83	80	86	94	87
Ecodesign Maximum LIMIT	200 mg/Nm ³										

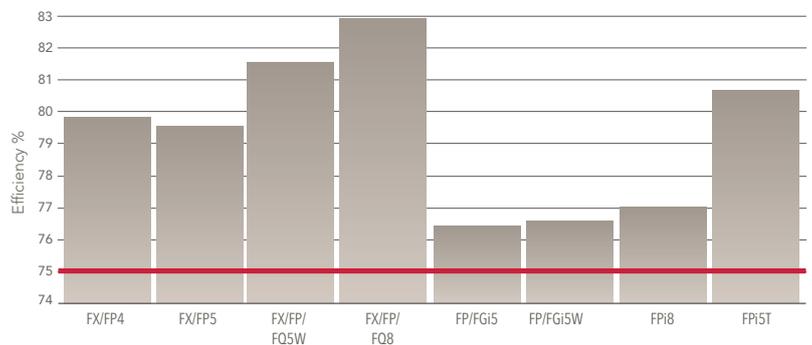
Fireline Stove Range Mineral Fuel Burning – Technical Performance Details

Quality stoves are so much more than just a metal box at the bottom of the chimney. Considerable efforts are required to ensure that the stove can be thermally efficient and many further developments are required to make a stove fully clean burning. Stoves are often incorrectly considered 'clean burning' just because they have an air wash, but the hard truth is that even stoves with an air wash system and good thermal efficiency can be dirty burners. Fireline stoves are all both highly thermally efficient and genuinely clean burning with official SIA Ecodesign Ready and DEFRA exemption listing easily achieved on all models. By choosing and using C&J stoves you can be assured that all environmental considerations are taken good care of. When using mineral fuels, it is essential to use a DEFRA Approved fuel from a totally reputable source. Ecodesign 2022 rules apply to mineral fuels in the same way as wood logs and so as you would expect, C&J have tested and approved all their stoves to the future standards already. Some of the following measures demonstrate just how well our stoves burn mineral fuels.



Total Efficiency to EN13240/13229

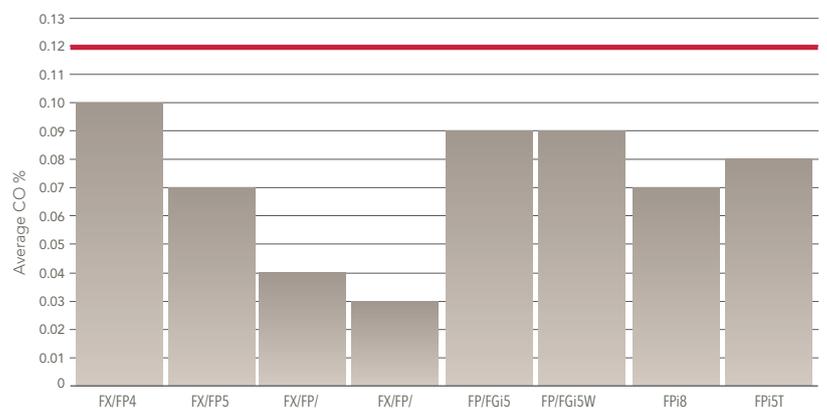
Total efficiency is the overall effectiveness of the stove in converting the kW content of fuel into heat that you will feel in your room. This must be measured by an independent test house to BS EN 13240 or 13229 to be comparable with other stoves. Total efficiency is not a measure of clean burning in any way. It is quite possible to have a stove with high thermal efficiency that burns with plenty of smoke, or a clean burning stove with low efficiency. However Fireline has worked especially hard to bring you a range of stoves that are both highly efficient and very clean burning. All our Fireline stoves far exceed the minimum efficiency required by Ecodesign 2022 as the graph shows.



	FX/FP4	FX/FP5	FX/FP/Q05W	FX/FP/Q08	FP/FGI5	FP/FGI5W	FPi8	FPi5T
Efficiency %	79.8	79.5	81.6	82.9	76.4	76.5	77	80.7
Ecodesign Minimum LIMIT	75%							

Carbon Monoxide (CO) Emissions

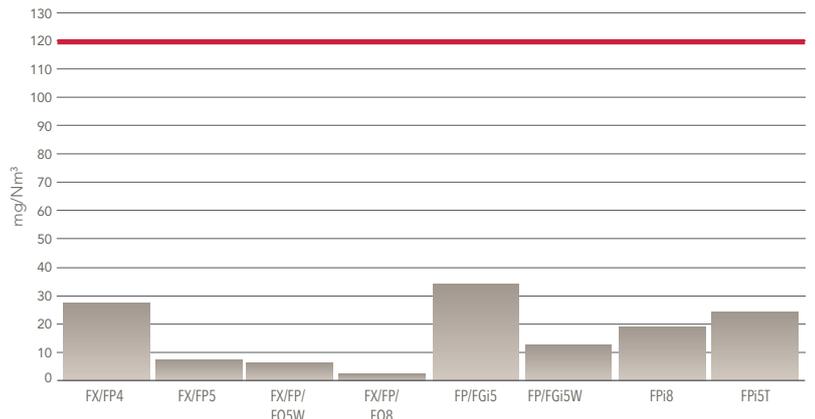
At present the UK limit for CO emissions is 1% but in reality this is a very high threshold. Some other EU countries and Ecodesign 2022 specify that the average shall not exceed 0.12% over the duration of 3 consecutive tests, a reduction of more than 88%. Bearing this in mind, C&J have worked tirelessly since 2013 to reduce CO emissions of all our stoves to within this 0.12% limit and this has been achieved with no stove producing more than 0.1% under accredited independent lab testing. In the adjacent graph you can see how well our stoves exceed the Ecodesign 2022 requirement already.



	FX/FP4	FX/FP5	FX/FP/Q05W	FX/FP/Q08	FP/FGI5	FP/FGI5W	FPi8	FPi5T
Average CO %	0.1	0.07	0.04	0.03	0.09	0.09	0.07	0.08
Ecodesign Maximum LIMIT	0.12%							

Organic Gaseous Carbon (OGC) Emissions

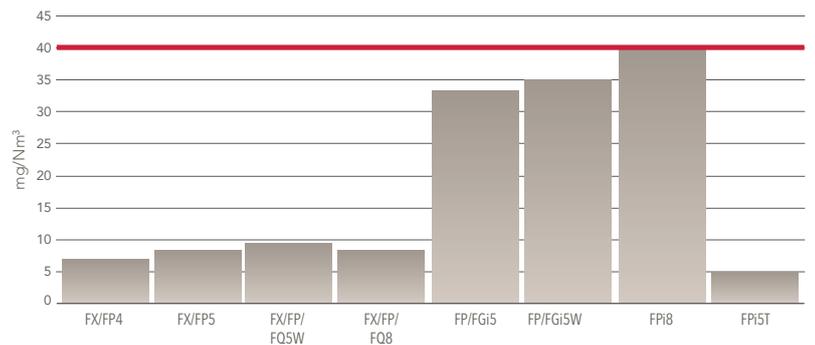
Organic Gaseous Carbon compounds are particles of unburned fuel and contribute to atmospheric pollution and associated human health concerns. Presently totally un-regulated in the UK, OGC is to be governed at a maximum average of 200 mg/Nm³ during 3 consecutive lab tests from 2022. Not content with waiting several more years for this to be imposed, all current C&J stoves exceed this very important requirement for solid fuel burning by an average of no less than 86% for as the graph shows.



	FX/FP4	FX/FP5	FX/FP/Q5W	FX/FP/Q8	FP/FGi5	FP/FGi5W	FPi8	FPi5T
OGC Emissions mg/Nm ³	28	7	6	3	33	12	19	24
Ecodesign Maximum LIMIT	120 mg/Nm ³							

Particulate Matter (PM) Emissions

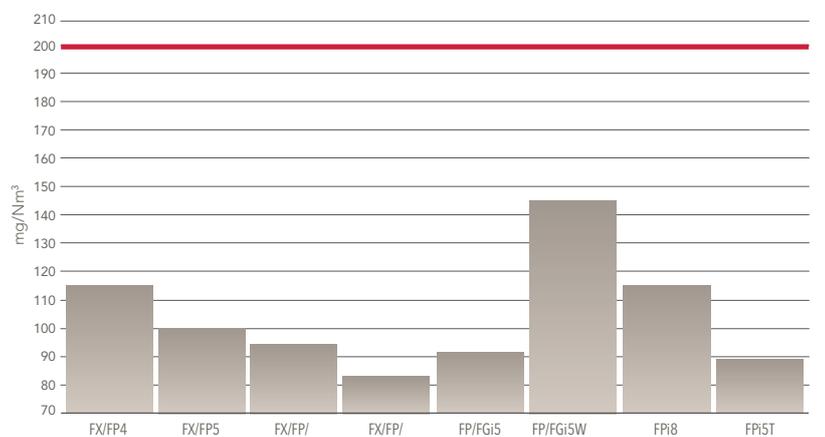
Measured by the EU leading DIN+ filter method, Particulate Matter includes microscopic soot, ash dust and fuel particles that can be carried out of the flue into the environment. Only regulated in UK DEFRA smoke control areas at the moment (which all Fireline stoves comply with of course), 2022 rules will impose a limit of 40 mg/Nm³ that must not be exceeded during 3 consecutive lab tests. DEFRA testing extends PM testing to low rate burning using UK test methods and although the limits are higher than Ecodesign the combined result of both PM regulations is a very clean burning stove indeed.



	FX/FP4	FX/FP5	FX/FP/Q5W	FX/FP/Q8	FP/FGi5	FP/FGi5W	FPi8	FPi5T
PM Emissions mg/Nm ³	7	8	9	8	33	35	40	5
Ecodesign Maximum LIMIT	40 mg/Nm ³							

NOx Emissions

Emissions of nitric oxide and nitrogen dioxide, known collectively as NOx, are monitored in the environment as part of worldwide air quality standards. Presently unregulated in the UK, Ecodesign imposes a 200 mg/Nm³ limit on all solid fuel burners as the average of 3 consecutive tests in an accredited laboratory. Once again, not content to wait until new rules arrive in 2022, every C&J stove already exceeds the performance requirements for NOx emissions convincingly as the graph demonstrates.



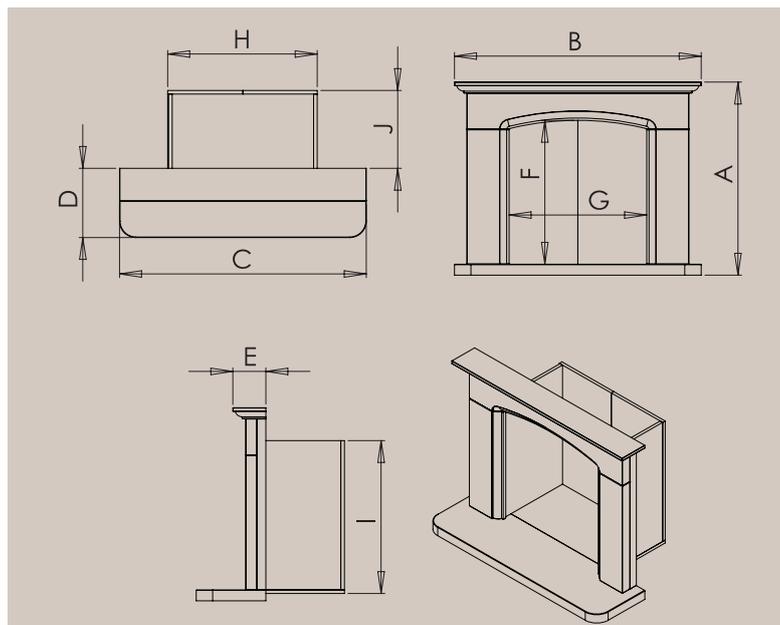
	FX/FP4	FX/FP5	FX/FP/Q5W	FX/FP/Q8	FP/FGi5	FP/FGi5W	FPi8	FPi5T
Nox Emissions mg/Nm ³	115	100	93	83	91	144	115	89
Ecodesign Maximum LIMIT	200 mg/Nm ³							

Stove Packages

Throughout this brochure you will see wonderful examples of stoves in packages with fireplaces. Below are details of the stove packages that are shown in this brochure.

More are available; please speak to your authorised Fireline dealer for details. To find your nearest Fireline showroom use the store locator on our website:

www.charltonandjenrick.co.uk/brands/fireline/store-locator/



STOVE PACKAGES											
<i>All measurements displayed in mm</i>	Shown on Page	A	B	C	D	E	F	G	H	I	J
Beckford FX4 Free-standing Stove Package	7	1060	1220	1220	410	150	766	766	800	810	398
Aylesbury FP5 Free-standing Stove Package	8	1160	1370	1370	410	220	837	810	900	850	362
Beckford FX5 Free-standing Stove Package	9	1060	1220	1220	410	150	766	766	800	810	398
Camellia FX5W Free-standing Stove Package	11	1120	1284	1320	383	176	805	498	845	870	358
Aylesbury FQ5W Free-standing Stove Package	13	1160	1370	1370	410	220	837	810	900	850	362
Boscombe FX8 Free-standing Stove Package	15	1120	1320	1320	410	180	820	740	800	850	443
Balmoral FQ8 Free-standing Stove Package	17	1110	1320	1320	378	215	830	900	955	935	368
Beckford FPi5 Inset Stove Package	19	1060	1220	1220	410	150	766	766	n/a	n/a	n/a
Camellia FPi5T Tapered Inset Stove Package	20	1120	1284	1320	383	176	805	498	n/a	n/a	n/a
Camellia FGi5T Tapered Inset Stove Package	20	1120	1284	1320	383	176	805	498	n/a	n/a	n/a
Aylesbury FPi5W Inset Stove Package	22	1160	1370	1370	410	220	837	810	n/a	n/a	n/a
Stokesay FPi5W Inset Stove Package	23	1070	1375	1375	410	245	760	800	n/a	n/a	n/a
Edgmond FPi8 Inset Stove Package	25	980	1500	1570	380	160	620	825	n/a	n/a	n/a
Aylesbury Woodtec 5 on Stand Free-standing Stove Package	28	1160	1370	1370	410	220	837	810	900	850	362
Aylesbury Woodtec 5 Wide Free-standing Stove Package	31	1160	1370	1370	410	220	837	810	900	850	362
Mafra Woodtec 5 Extra Wide Free-standing Stove Package	33	1200	1475	1475	380	200	910	909	955	935	393
Aylesbury FPW Gas Stove Package	34	1160	1370	1370	410	220	837	810	900	850	362



Beckford FX4 free-standing stove package



Aylesbury FP5 free-standing stove package



Beckford FX5 free-standing stove package



Camellia FX5W free-standing stove package



Aylesbury FQ5W free-standing stove package



Boscombe FX8 free-standing stove package



Balmoral FQ8 free-standing stove package



Beckford FPI5 inset stove package

Stove Packages



Camellia FPi5T tapered inset stove package



Camellia FGi5T tapered inset stove package



Aylesbury FPi5W inset stove package



Stokesay FPi5W inset stove package



Edgmond FPi8 inset stove package



Aylesbury Woodtec 5 on Stand free-standing stove package



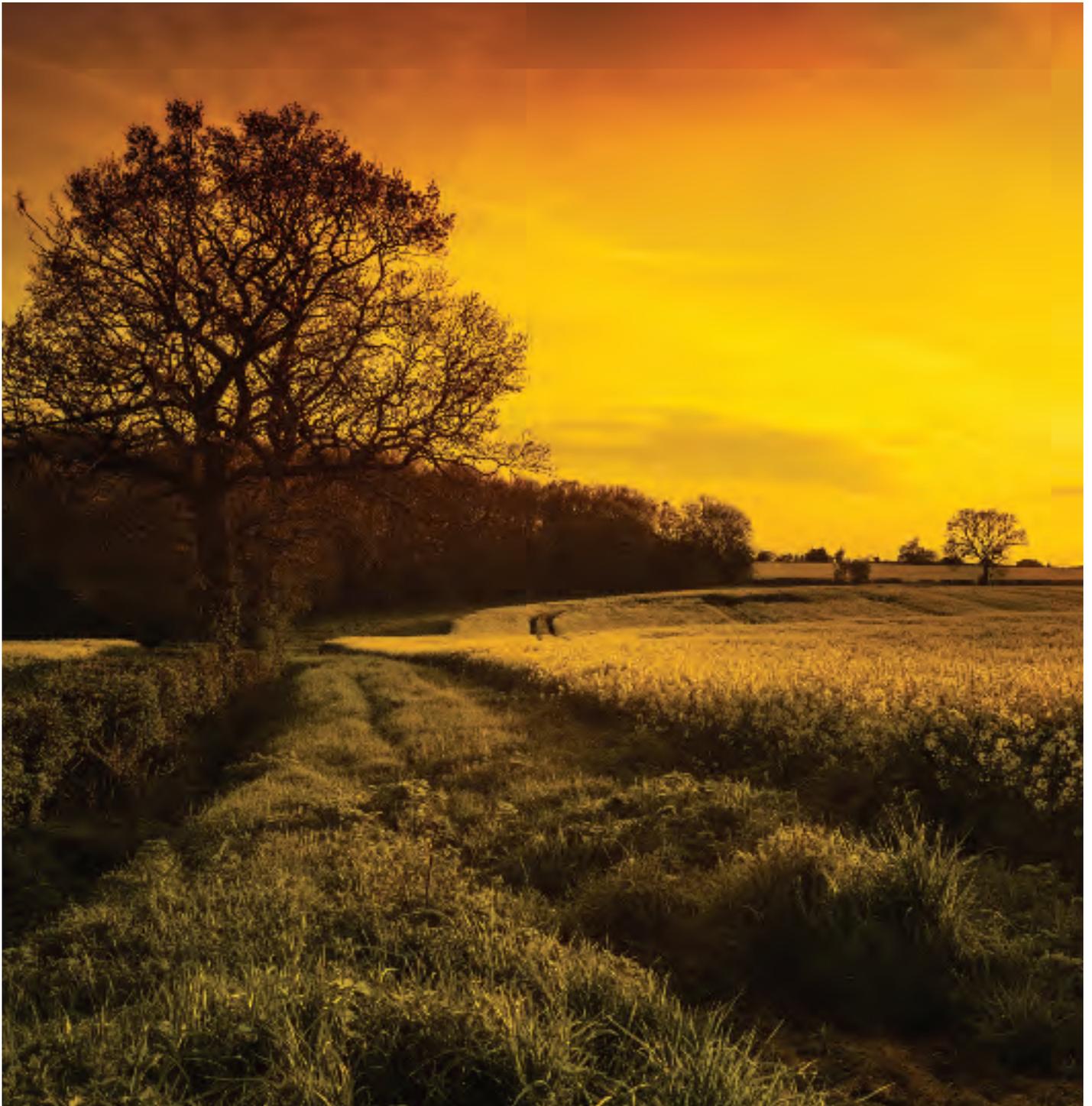
Aylesbury Woodtec 5 Wide free-standing stove package



Mafra Woodtec 5 Extra Wide free-standing stove package



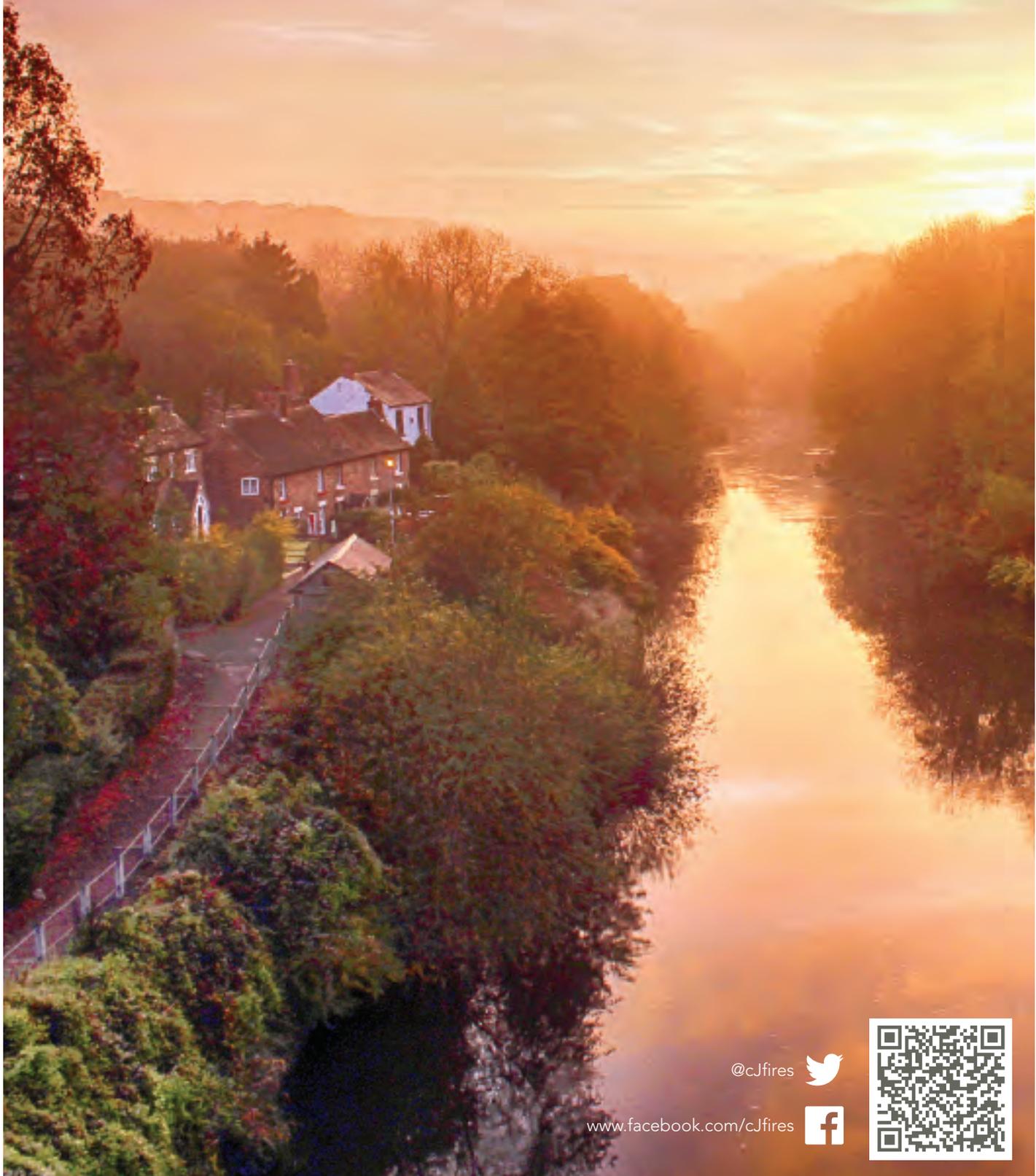
Aylesbury FPW Gas stove package



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Charlton & Jenrick Company and Product Accreditations

Charlton & Jenrick have made a very substantial investment over the years in obtaining a wide range of accreditations and trade body memberships to ensure that we are consistently offering the best possible products and services to our customers. We not only manufacture appliances but we also put in huge behind the scenes efforts to ensure that we input to and keep abreast of impending legislation, standards, product performance and environmental requirements. Currently we subscribe and contribute to the following accreditations:

 **CE marking** of products is mandatory for all fuels today but C&J have always voluntarily achieved this status long before it became a requirement. We always invest in independent testing and certification for Stoves, Electric and Gas fires of all kinds.

 **HETAS approval** is a national solid fuel appliance certification scheme, recognised by Government, to demonstrate that our solid fuel stoves meet the highest level of quality and performance. It includes areas that are not covered by CE marking. C&J also put their service and sales team through HETAS solid fuel installer training so their skills are up to scratch.

 **SIA Ecodesign Ready** marking is an independent scheme run by the Stove Industry Alliance to verify and independently demonstrate that wood burning stoves already meet the strict requirements of the 2022 EU Ecodesign Directive for performance and emissions. HETAS administer this on behalf of the SIA.

 **HHIC, the Heating and Hot Water Information Council** is a trade body representing the UK gas fire industry. As part of the Energy and Utilities Alliance, within the HHIC we have an input into EU and UK standards committees, communicate with Government departments and keep abreast of serious issues affecting the gas fire industry.

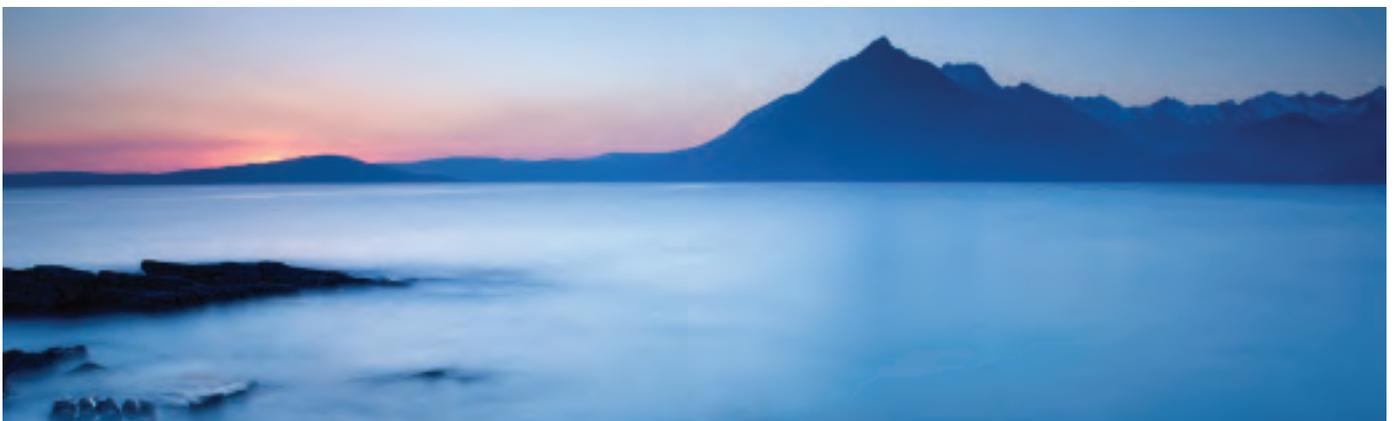
 **SIA, the Stove Industry Alliance** is the UK trade body for the solid fuel stove industry. C&J are members of the Executive Committee and currently chair the Technical Committee enabling input into UK and EU standards committees and lines of communication into Government departments and keeping up to date on a wide range of issues affecting the industry.

 **DEFRA exemption** is the mechanism where our wood burning stoves are checked and certified to comply with the Clean Air Act and therefore allowed to be used in smoke control zones throughout the UK. Involving a strict test programme and independent report, this is then thoroughly assessed by DEFRA advisors before being accepted.

 **Gas Safe Register** is the mandatory national competent persons scheme to allow work on gas fittings and appliances in customer's homes. Our service and most of the sales team have completed the regular training courses and sit the regular exams to ensure our customers have the best support and service.

 **ISO9001** is the internationally recognised standard for Quality Management Systems which in our case includes the activity of product design and development as well as production, sale and support functions. Annual independent audits and certification ensure continued compliance in producing consistent quality products.

 **ISO14001** is the internationally recognised standard for Environmental Management Systems. Once again this independently audited and certified system makes sure that we are regularly monitoring and reviewing the impact of the business and its products to ensure we minimise negative impacts and promote best practice.



Please note: Our policy is one of constant development and improvement. We therefore reserve the right to revise the specification and design of our stoves without formal notice. This leaflet is presented as a guide to aid in your decision and does not replace the need for technical assessment by your dealer. While the utmost care was taken in the preparation of this brochure, it is not intended to replace the installation manual which provides more detailed information. Photography is for illustration purposes only and does not replace the need to see the stove in a showroom. We accept no liability for any loss or damage arising either directly or indirectly from the use of this brochure. **All designs in this brochure are design or copyright registered. Fireline, without exception, will take action against any infringements of its designs.**



Charlton & Jenrick^{LTD}

Best of British fires, fireplaces & stoves

FIRELINE

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