The Arbeia Stove Collection

Cast-iron & Steel

Wood & Multi-Fuel



ARBEIA STOVE COLLECTION

Cast Tec have been supplying quality cast-iron fireplaces and stoves to the UK heating industry for over 20 years. Using our long established foundries, which are renowned for superior quality cast-iron products, we would like to introduce you to the Arbeia Collection of multi-fuel and wood burning stoves, which are manufactured in the same time honoured tradition using our experienced and highly skilled staff.

In addition to this quality guarantee, our stoves are manufactured using only premium grade cast-iron and heavy gauge steel. We believe our stoves are robust and will last for many years when used with care and attention. For this reason we are confident to offer a 10 year conditional warranty covering your stove body (see conditions page 43) when purchased from an authorised stockist and fitted by a qualified heating engineer.

Cast Tec don't only manufacture efficient and aesthetically pleasing stoves. The Arbeia Stove Collection also offers a range of beautiful handcrafted marble, granite and limestone mantelpieces, elegant inglenook interiors, sturdy honed or polished granite hearths along with all the accessories you may need to complete your perfect fireplace. In fact, you can choose any stove, any mantel, any hearth and any interior to suit your particular taste and lifestyle.

We hope you enjoy viewing our unique collection and encourage you to call us (details on the back cover) for any advice, technical support or after sales service you may require.









....renewable energy is the future!

In a world of dwindling resources, we have some rare good news about our beautiful planet. Wood logs are considered to be carbon neutral! If you burn

seasoned wood, the carbon dioxide emitted equals the carbon monoxide absorbed by the tree whilst growing. This means that wood is a renewable and sustainable source of fuel when taken from a managed environment.



....what about efficiency?

Renewable energy is a good start but what about the efficiency in which it burns? In the Arbeia Stove Collection we have some more good news. Our stoves have an efficiency ranging from 74% to 81% under tests to achieve CE certification and have therefore been granted an exemption by DEFRA which allows them to be used in towns and cities which are designated smoke controlled areas.*

*The Cougar Inset is still pending DEFRA.

CAST-IRON stoves

STEEL stoves

mantelpieces

interiors

accessories

Contents

COUGAR 5	7
PUMA 5	9
COUGAR 5 INSET	10
COUGAR 7	12
PUMA 7	15

JUNO 5	17
TRAJAN 5 INSET	18
TITUS 5 INSET	20
VULCAN 8	23
HORIZON 5	24
BRITON 5	26
HORIZON STOVE OPTIONS	28
BRITON STOVE OPTIONS	29

LIMESTONE MANTELS	30
LIMESTONE PACKAGES	32
SANDSTONE MANTELS	33
WOOD MANTELS	34

CAST-IRON FASCIAS	35
HEAT RESISTANT BOARDS	36
INGLENOOK PANELS	37

STOVE PIPE	38
FLUE LINERS & TERMINALS	39
COAL BUCKETS	40
COMPANION SETS	41
ACCESSORIES	42

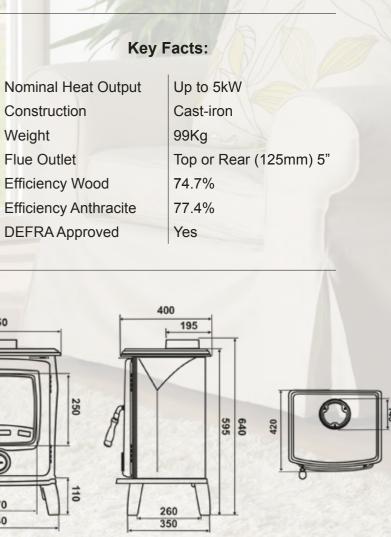


COUGAR 5

The Cougar is an elegant cast-iron stove with a modern feel and robust performance. Designed and engineered to be efficient and kind to the environment, this 5kW freestanding stove will grace any room whether in a traditional or contemporary setting.

A multi-fuel grate allows the Cougar to burn seasoned wood or smokeless fuels. The Cougar benefits from triple burn technology consisting of Primary Air Burn (control on door), Airwash Secondary Burn (lever above the door) and Tertiary Air which remains fixed in an open position under the stove. The tertiary air system mixes pre-heated air with the exhaust gases allowing the exhaust gas to reignite producing a cleaner and more efficient stove.

The mantel shown is the Edwardian Corbel in Limestone with a shelf length of 1500mm (59") or 1350mm (53"). The fireplace chamber is lined with Heat Resistant Boards (House Brick) in a natural finish and the hearth below consists of Honed Black Granite (see Limestone Mantel Packages - page 32).



7

measurements in millimetres



Key Facts:		
ominal Heat Output	Up to 5kW	
onstruction	Cast-iron	
/eight	99Kg	
lue Outlet	Top or Rear (125mm) 5"	
fficiency Wood	74.7%	
fficiency Anthracite	77.4%	
EFRA Approved	Yes	
	•	

COUGAR 5 INSET

The Cougar Inset is an efficient and sturdy cast-iron inset stove with a large glass window to allow for the maximum view.

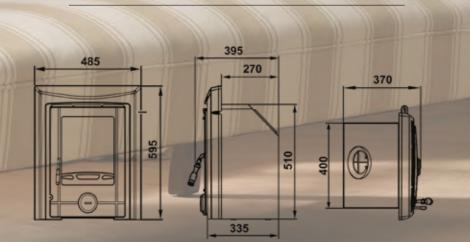
A multi-fuel grate with external riddling control (to the left of the door) allows the stove to burn seasoned wood or smokeless fuels.

The Cougar Inset benefits from Primary Air Burn (control on door), Airwash Secondary Burn (lever on right of door) which helps to prevent soot deposits to the glass window and a steel Convection Chamber which allows cold air to enter below the stove then to pass up through the chamber as it warms entering your room via air vents above the stove door.

The mantel shown is the Holyrood in Sandstone with a shelf length of 1350mm (53"). The cast-iron insert is the Hilton Fascia shown in a Highlight Polished finish and the hearth below consists of Polished Black Granite.

Key Facts:

Nominal Heat Output Construction Weight Flue Outlet Efficiency Wood Efficiency Anthracite Up to 5kW Cast-iron 75Kg (125mm) 5" 78.5% 75.7%



measurements in millimetres

CE I14 BS EN 13229:2001 + A1:2003 + A2:2004



COUGAR 7

The Cougar 7 cast-iron stove is similar in design to the Cougar 5, but has a modified interior fuel retainer. A higher air intake allows the stove to achieve an output of 7.5kW using seasoned wood. This will be ideal for those requiring more heat, however stoves with an output higher than 5kW usually require additional ventilation in the room.

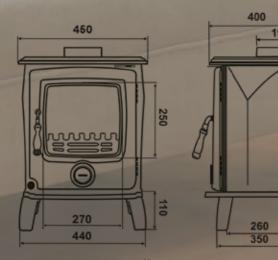
The Cougar 7 is shown sitting on a honed granite hearth with a grey slate inglenook interior. The mantel shown is the Selkirk in natural sandstone.

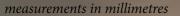


Key Facts:

Nominal Heat Output Construction Weight Flue Outlet Efficiency Wood Efficiency Anthracite Air Vent Required DEFRA Exempt

7.5kW (Wood) 6.6kW (Smokeless Fuels) Cast-iron 99Kg Top or Rear (125mm) 5" 75.2% 72.1% Yes Yes









1	La bla
ley	Facts:
	7.5kW (Wood)
N	6.6kW (Smokeless Fuels)
	Cast-iron
	99Kg
	Top or Rear (125mm) 5"
2	75.2%
	72.1%
	Yes
	Yes





TRAJAN 5 INSET

The Trajan 5 is an inset wood burning stove designed to fit into a traditional 16" fireplace 16opening.

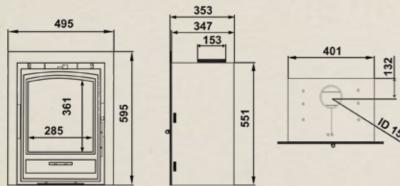
Benefiting from a Tertiary Air System, the Trajan is available with a three sided trim (as shown) or can be installed with an optional 4 sided trim, creating a 'hole in the wall effect'.

The Trajan is shown with a stunning Kensington mantelpiece in pure Turkish Limestone (see options on page 30). This mantel contrasts wonderfully with a honed black granite hearth and back panel. Our black granite, from the Shanxi region of China, is also available in a highly polished finish.

In some circumstances your retailer or HETAS approved installer may require granite to be cut into several individual pieces to allow for expansion.

Key Facts:

Nominal Heat Output	Up to 5kW	
Construction	Steel & Cast-iron	
Weight	76Kg	
Flue Outlet	Top (150mm) 6"	
Efficiency	80%	
Finish	Matt Back	
DEFRA Approved	Yes	



measurements in millimetres



TITUS 5 INSET

The Titus is a steel inset stove similar in design to the Trajan (see L pages 18-19) but it has a wider window display and a general



overall width which is 100mm (4") wider than the Trajan.

The Titus comes with a standard **1** 3 sided black trim (as shown) but is also available with a 4 sided trim option (see inset) to allow the stove to be fitted higher up the wall or chimney breast as a 'hole in the wall' effect.

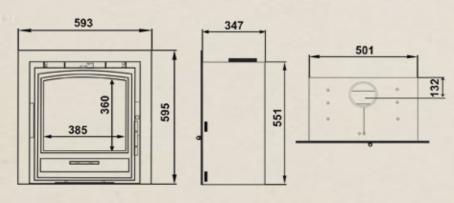
The Titus benefits from a Tertiary Air System (this mixes pre-heated air with the exhaust gases causing the

exhaust gas to re-ignite producing a cleaner and more efficient stove).

The mantel shown is the distinguished Victorian Corbel in pure Turkish Limestone. This mantel is available in two sizes with a shelf length of 1350mm (53") or 1500mm (59").

The cast-iron insert shown is the Pentland Fascia in a matt black finish (see Fascias page 35) and the hearth below, which is slabbed and reinforced for solid fuel usage, is manufactured in Ciara Slate scratch resistant porcelain tiles.

Key Facts:		
Nominal Heat Output	Up to 5kW	
Construction	Steel & Cast-iron	
Weight	80.4 Kg	
Flue Outlet	Top (150mm) 6"	
Efficiency	80%	
Finish	Matt Black	
DEFRA Approved	Yes	







Key Facts:		
ominal Heat Output	Up to 8kW	
onstruction	Steel & Cast-iron	
/eight	81Kg	
lue Outlet	Top or Rear (150mm) 6'	
fficiency Wood	78.6%	
fficiency Anthracite	81%	
ir Vent Required	Yes	
EFRA Approved	Yes	



HORIZON 5

The Horizon 5 is part of a family of quality multi-fuel steel stoves suitable for use with seasoned wood or HETAS approved smokeless fuels (see Horizon options on page 28). The simple design is perfect for the most contemporary or traditional

The Horizon 5 has an efficiency of 75% and an output of up to 5kW and this stove can be fitted without additional

For those requiring a higher heat output, the Horizon 7 is a little wider in size and boasts an impressive output up to 7kW. Both models are available combined with a Log Store (see page 28).

A riddling rod on the side of the stove assists ashes to fall through the grate inside.

The Horizon 5 is shown with the Keswick mantel in Solid Pine. This mantel has a light pine stain but can be stained to requirement or supplied without a finish. The Keswick has a shelf length of 1200mm (48") or 1350mm (53") and can also be supplied in Solid Oak (see page 8).

The stove is sitting on a honed granite hearth (boxed flush 900mm wide x 750mm x 50mm) with an oyster marble inglenook panel to the rear.

Key Facts:	Horizon 5	Horizon 7
el Type	Wood & Smokeless Fuel	
minal Heat Output	4.9kW 7.1kW	
nstruction	Mild Steel	
eight	59 Kgs 68 Kgs	
e Outlet	Top or Rear (125mm)	
iciency	75% 76.1%	
an Flue Draught	12pa	
· Vent Required	No Yes	

Fue

No

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Air

BRITON 5

The Briton 5 is a sturdy wood burning stove, simple in design, with a very wide screen on the door allowing for a large viewing area.

As the name suggests, the Briton is designed and fully manufactured in the U.K., by an established family run steel fabrication company in Lancashire, North West England.

This stove has an outstanding **efficiency** of 80.7%, an **output** up to 5kW and is available freestanding as shown or can feature **Log Store** or **Pedestal** options (see page 29).

A multi-fuel option (for using smokeless fuels) and an 8kW option are anticipated to be available by January 2018.

The mantel shown is the Flat Victorian in honed Shanxi black granite from China. This mantel is also available in a polished finish and has a standard shelf length of 1350mm (53") or 1500mm (59").

The fireplace chamber is lined with oyster marble inglenook panels and the hearth is manufactured in honed black granite. Bespoke sizes are available.

Key Facts:

Fuel Type
Nominal Heat Output
Construction
Weight
Flue Outlet
Efficiency
Mean Flue Draught
Air Vent Required

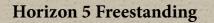
Wood Up to 5kW Steel 78Kgs Top or Rear (125mm) 80.7% 12pa No





HORIZON STOVE OPTIONS

105 top view 5 -200-315 400 -540 265



Horizon 5 Log Store

750



Briton 5 Freestanding







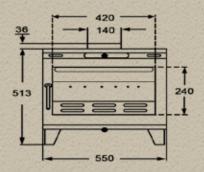
Briton 5 Log Store

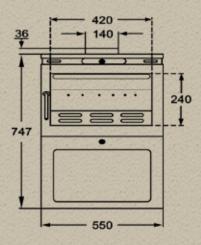


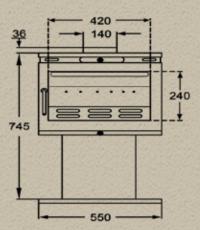
Horizon 7 Freestanding

Horizon 7 Log Store

BRITON STOVE OPTIONS







LIMESTONE MANTELS

The Arbeia Stove Collection boasts a range of six beautifully crafted mantelpieces made in pure Turkish Limestone.

Three designs (shown on this page) would grace the most contemporary of settings whilst the three remaining designs (see page 31) have a more traditional style.

The Kensington, shown to the right, is a simple, elegant and beautifully proportioned mantel with a shelf length of 1350mm (53"). This mantel can be viewed on page 19.



The Hexham 1500 (shown to the right) is larger than its sister above, sporting a shelf length of 1500mm (59").

Additional proportions are assisted by three internal slips adding to the grandeur of the mantel, which can be seen in all its glory on page 22.

Limestone mantel specifications can be found on page 33.



The Hexham 1350 (shown to the left) is identical to the Kensington mantel (above) except that it has a cushion or additional layer under the top shelf increasing the height slightly.

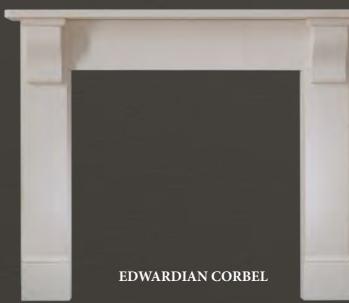
This mantel can be seen looking very majestic on page 14.



The Flat Victorian mantel is a simple design (see page 16) and one of three traditional mantels manufactured in Turkish Limestone.

These mantels are available with a shelf length of 1350mm (53") or 1500mm (59").

Mantel legs can also be moved closer together or further apart on fitting to change the size of the fireplace opening.



The ornate Victorian Corbel (to the right) is the archetypal traditional mantel and has been reproduced many times over the years.

This mantel can be viewed on page 21 and is available with a shelf length of 1350mm (53") or 1500mm (59").

Limestone mantel and inglenook packages can be found on page 32 with specifications on page 33.

FLAT VICTORIAN

The Edwardian Corbel (to the left) is a traditional mantel with plain corbels giving a good scope to use with a range of interior designs.

This mantel is available with a shelf length of 1350mm (53") or 1500mm (59").

The Edwardian Corbel can be viewed in situ on page 7.





Limestone Mantel Packages:

1350 PACKAGE:

A choice of Turkish Limestone Mantel (above) with a 1350mm (53") shelf length.

> A set of Heat Resistant Boards (any design - see page 36)

Black Granite Hearth Polished or Honed 1300mm x 380mm (51" x 15"), Stove Infill and 3 Slips.

1500 PACKAGE:

A choice of Turkish Limestone mantel (above) with a 1500mm (59") shelf length.

> A set of Heat Resistant Boards (any design - see page 36)

Black Granite Hearth Polished or Honed 1450mm x 380mm (57" x 15"), Stove Infill and 3 Slips. The Arbeia Stove Collection offers a range of two beautiful pure sandstone mantels.

The Holyrood (to the right) is a classic decorative design with a shelf length of 1350mm (53").

This mantel can be viewed in situ on page 11.

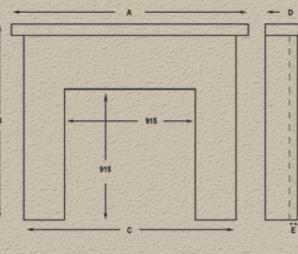
SELKIRK

Granite Hearths

Black Granite Hearths can be highly polished or honed (matt finish) and come in standard sizes (overall height 50mm) to suit our mantels. Bespoke sizes are available upon request. Stove Infills are 940mm x 470mm (37" x 18") as standard. Slips are 1 x 940mm (40") x 100mm (4") and 2 x 850mm (34.5") x 100mm (4").

Polished Granite

Honed Granite



Ed

SANDSTONE MANTELS

HOLYROOD

T he Selkirk mantel (to the left) is a plain design with neat chamfering to the edges. This design will fit in well with most interior decors and will allow your stove to take centre stage.

The Selkirk has a shelf length of 1350mm (53") and can be viewed on page 13.

WOOD MANTELS

The Keswick is an attractive shelf with corbels ideally suited to be placed as a feature in any room (i.e. above a fireplace inglenook as shown on page 8 & 25). The Keswick is available with a light stain in Solid Oak or Solid Pine but may be available without a finish upon request.





Ke	swi	ck	12	00
I/C	2441	CN	14	00

Α	1200mm (48")
В	380mm
С	895mm
D	200mm
E	100mm
F	150mm
G	280mm
Stering St.	prover in a providence a seguriter

Keswick 1350

1350mm (53")
155011111 (55)
380mm
910mm
200mm
100mm
150mm
280mm







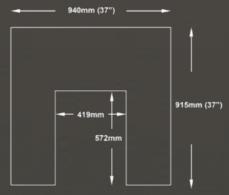
Kendal

CAST-IRON FASCIAS

¬ast-iron Fascias are sturdy decorative panels Cmanufactured to fit inside a standard fireplace mantel opening (see pages 11 & 21). Fascias also come with an internal cut-out to accommodate a standard 16" electric, gas

or solid fuel appliance. Cut-outs can be modified to suit a larger appliance by request.

Cast-iron Fascias are available in three designs (as shown) and two finishes, matt black or hightlight polished.



HEAT RESISTANT BOARDS





Small Brick



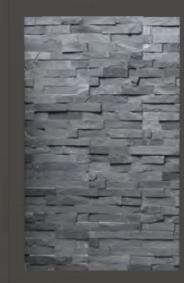
House Brick

Heat Resistant Boards are non-combustible, fire resistant panels manufactured in vermiculite to cope with temperatures up to 1100°C. Vermiculite is a naturally occurring non-toxic, asbestos free material which has excellent thermal insulation properties and is the ideal product to line the inside of a fireplace inglenook (see pages 7 & 14) or to use alongside fireplaces and stoves providing fire protection exactly where it's needed.

Small Boards 620mm x 1000mm x 25mm Large Boards 1250mm x 1000mm x 25mm

Heat resistant boards are easily cut to shape, can be sprayed various colours to match interior décor and with minimal shrinkage at high temperatures can be used as fire bricks inside fireplaces and wood burning stoves.

Herringbone





Grey Slate

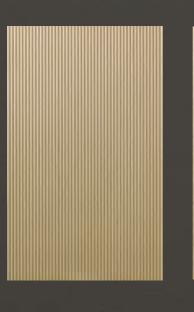
Small Panels 940mm x 406mm (37" x 16")

Large Panels 940mm x 940mm (37" x 37")

Inglenook Panels are fire resistant boards with natural riven stone pieces Lattached to the fascia. These panels come in two materials, Grey Slate and Oyster Marble.

Three panels are required to fit into a standard inglenook chamber, one large (for the rear) and two small (for the sides). Alternatively, one large panel could be fitted to the rear of the opening only as shown on pages 9 and 25.





Reeded



Plain

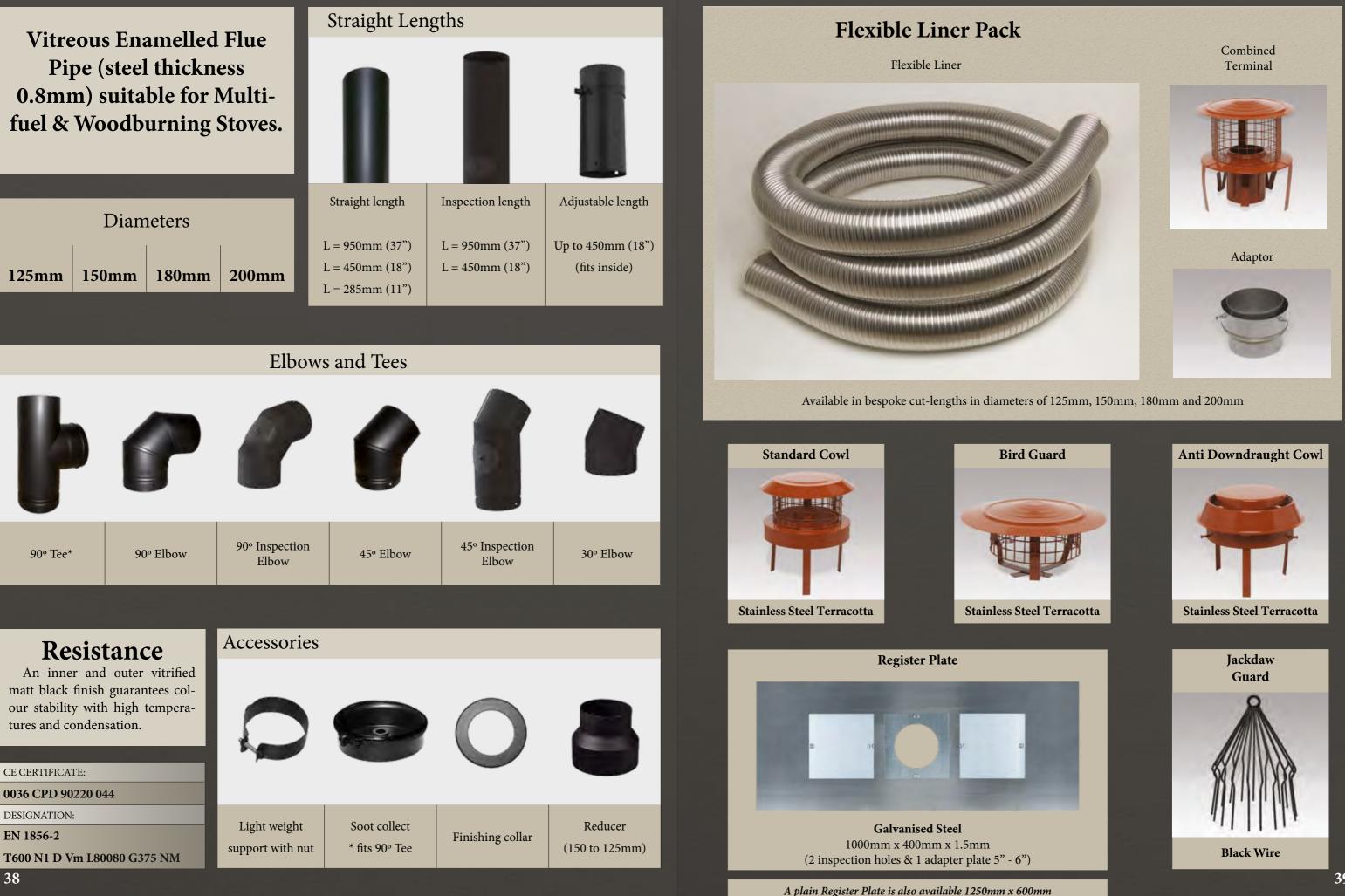




INGLENOOK PANELS



STOVE PIPE



FLUE LINERS & TERMINALS

COAL BUCKETS

The Arbeia Stove Collection boasts an impressive range of fireside accessories including coal buckets, companion sets, wicker log baskets, spark guards, bellows and stove fans which can be used for practical or decorative purposes.

In addition to this we have assembled useful items such as heat resistant gloves, carbon monoxide detectors, moisture meters, eco firelighters, fire cement and spray paint on page 43.



13" (330mm) Black, Black & Brass or Galvanised



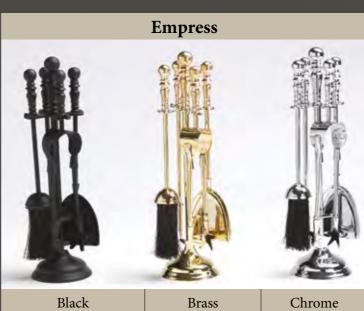


Hadrian Copper



Belford **Melrose Buckets**

9" (228mm) Black, Black & Brass or Pewter



Height 16" (406mm)







13" (330mm)

10" (254mm)

9" (228mm)



22" (559mm) Black, Black & Brass or Galvanised

16" (406mm)

COMPANION SETS

ACCESSORIES

Wicker Basket



430mm x 330mm or 500mm x 380mm



Black 300ml is a high temperature (300C) Silicone Sealant for use where good adhesion and a flexible bond required.

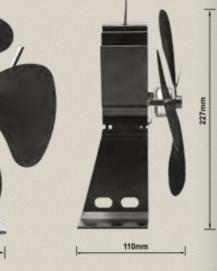


Flueseal

Black 300ml is a high temperature (1000C) Silicone Sealant where extremely high adhesion is required with a rigid bond.



The Arbeia Stove Fan is a small environmentally friendly four blade fan which sits on top of your stove. Self powered (using the heat from your stove) the fan needs no batteries or electricity.



The benefit from our stove fan comes when it circulates warm air generated from your stove (which normally rises up towards the ceiling) making you feel warmer and therefore potentially using less fuel. The fan operates quietly, has a discreet black satin finish and is suitable for temperatures up to 300 C.







Important Information

Products shown in this brochure are manufactured for Cast Tec Ltd., who with a professional group of companies, distribute them exclusively in the UK and Ireland.

Decorative goods must be checked prior to installation, as no responsibility will be accepted thereafter for the redecoration, removal or reinstallation of products. Faulted goods must be reported as soon <u>as possible</u> and within 48 hours.

Installation should be carried out by a qualified fireplace installer (i.e. HETAS heating engineer). No responsibility will be accepted for damage or problems arising from an incorrect or unqualified installation.

Carbon Monoxide Detector

This battery operated carbon monoxide detector is guaranteed for 5 years and uses an electrochemical sensor and microprocessor to ensure complete accuracy and reliability in the detection of carbon monoxide. Easy to install and maintain the detector alarm exceeds 85dB at 3 metres and has a low battery warning and test facility. Compliant with BS EN 50291:2001.

Moisture Meter

This battery operated moisture meter is simple to use with two hardened steel pins which are pushed into the wood or material to obtain a reading of moisture content on an LCD screen. The pins are protected by a cap cover when not in use and the meter comes with case, battery and instructions.

Fire Cement

Black (1kG or 10kG) is a noncombustible high temperature (1400C) putty for bonding low porosity surfaces and for general sealing and repairing work.

> Stoves purchased from 1st January 2017 onwards will be subject to a 10 year extended warranty which will exclude consumable products such as stove glass, rope seal, firebricks, grates and ash-pans. To qualify you will need to provide proof of purchase from an authorised stockist, proof of installation by a qualified heating engineer (HETAS registered) along with a regular service record and compliance with the product User Instructions (i.e. type of fuels to use, chimney sweep frequency etc.).

> Discolouration or paint peeling may occur to the finish of a cast-iron stove if it comes into contact with a naked flame or where the heat is very intense after the burning of certain fuels (i.e. petroleum







Stove Paint

Cast Tec Stove Paint (400ml) is a fast drying high temperature (up to 650C) paint for use on wood, heat resistant boards, stoves, cast-iron fires, cookers & chimineas.

based coals). If this occurs it can usually be remedied by applying a heat resistant spray paint to the affected area. The use of damp or unseasoned wood or man-made wood alternatives (chipboard, plywood etc.) may cause the stove interior, glass and flue to develop excessive carbon and tar deposits.

Cast Tec Ltd. reserve the right to delay or withdraw products, change designs, specifications or materials without prior notice due to continuous product development or supply issues.

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