



Great British Stoves



MASTER STOVE
MAKER SINCE 1854

*think stove,
think ESSE.*



master stove maker since 1854



“Born and bred on the edge of the Dales”

Our factory on the edge of the Yorkshire Dales is steeped in stove building history and it is here at the Ouzledale Works where every ESSE stove is born. We have an onsite museum that bears testament to our unrivalled heritage.

ESSE stoves are warming homes all over the world from Alaska to New Zealand. They have also provided much needed warmth in the wastes of the Antarctic as well as radiating their trademark welcoming warmth to homes throughout the UK.

Every ESSE stove can trace its ancestry all the way back to 1854. Now as then they represent the very best in stove design and capability. The knowledge acquired over 150 years is used daily and it is our on going quest to develop new products and enhancements that continue to improve the enjoyment, reliability and efficiency which generations of ESSE people have experienced.

“Handmade by people passionate about stoves”

Every ESSE stove is made by people who understand stoves, who understand what it means to rely on a stove in a demanding and remote, rural location. Who know how to work skilfully with metals to produce thoroughbred stoves that perform exceptionally well. Stoves that can stand continual thermal shock year after year. Stoves that are hand built to last a lifetime.



ESSE - the brand tested in the Himalayas

It's interesting to know that Florence Nightingale was passionate about ESSE and would use no other brand at her hospital in Balaclava. Later famous British explorers Shackleton and Scott, who depended upon the performance of their equipment during expeditions to some of the world's coldest and most inhospitable places, relied on an ESSE to provide hot food and warmth to their team.

More recently top British climber Alan Hinkes, who uses a specially adapted ESSE Solo to heat his base camp in the Himalayas and when River Cottage needed a stove, naturally they chose an ESSE.

Also from ESSE



Gas Stoves

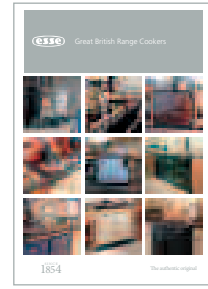
ESSE Gas Stoves are available in both Natural Gas and LPG. Models include 200, 500 and 525.

Flueless Gas Stoves

No flue is no problem with our range of flueless gas stoves in Natural Gas and LPG.

Firewall™

A slim profile, wall mounted flueless gas fire, available for natural gas and LPG. Available in a wide choice of sizes and colours.



Range Cookers

Oil, Gas, Flueless, Electric, and Wood. A range offering 21st Century performance and efficiencies with a 150 year heritage.

Range Cookers (Wood)

A woodfired primary cooking appliance with DHW and CH boiler options.

Ironheart™

A wood burning or solid fuel cook stove with DHW boiler option. Launched to mark our 150th Anniversary back in 2004.

Choosing the right stove for you

We make solid fuel and wood burning stoves from 3kW/h to over 18kW/h, boiler models for Central Heating, Free Standing and Inset Stoves and Radiation and Convector Stoves (Convector Stoves were pioneered by Esse back in Victorian times). Gas models are also available with Natural Gas / LPG and Remote Control options. Our award winning 2kW/h Electric Stove completes our range.

Solo

Add Warmth to a conservatory or summer house with style and elegance, in hand sprayed enamel evergreen finish, in stove black or as a fully polished model (as shown).

Hand crafted in quality cast iron, it is both durable and efficient, silently pumping out up to 2kW of heat into every corner of the room. It is equipped with a thermostatic control for maximum comfort.



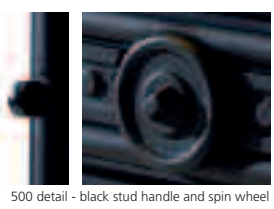
Black

Evergreen



500 / 500S

This 5kW/h cast iron stove offers function and form in perfect harmony. The 500 is simple to operate and available in multi-fuel and wood versions. The multi-fuel version with riddling grate will happily burn wood and solid fuel. The Wood burning 500 will deliver better wood burning performance and efficiency. Alternatively there is a drop in wood burning kit to optimise wood burning performance of the multi-fuel version to give you the best of both worlds. The 500 is available with plain black handles or as the 500S with Stainless Steel handles and spin wheel as shown. Both gas and flueless gas versions are also available.



100

Engineered from cast iron and high grade steel and featuring Afterburn™ our precision secondary air control system, the 100 offers the presence of a wide fire view with a 5kW/h output thanks to its slim profile. This makes it the perfect choice where hearth depths are limited or in rooms where there is hearth space for a larger stove but heat outputs would overwhelm the room. "The 100 loves to burn logs and boasts an amazing 82% efficiency when burning wood"



NEW

100SE

The 100SE has been approved for burning wood in a Smoke Control Area.

200

This stunning 7.5kW/h stove is constructed from cast iron and high grade steel and featuring Afterburn™ our precision secondary air control system. The 200 will happily burn most solid fuels and will reward you with a wonderful flame pattern when burning properly seasoned wood. A gas version is also available.



NEW

525

At last, a contemporary stove with a conservative output. The firebox of 525 is based on the dimensions of the 500 multi-fuel version with riddling grate; it will happily burn wood and solid fuel. The 525 is inspired by the simplicity of Scandinavian stoves but with a smaller footprint and output suited to the British living room. This stove features a high grade steel body with Stainless Steel column legs. A flueless gas version is also available.



NEW

125

125 is the big brother of the 525 contemporary stove. It boasts the same firebox dimensions and heat output as the 100. The body is high grade steel and the legs are Stainless Steel.



NEW

125SE

The 125SE has been approved for burning wood in a Smoke Control Area..

505C / 505F

The 505 is available in compact and tall leg versions. 505C is the compact version designed to fit in a standard fireplace. The 505 features the benefits of the 525 but with square legs.



The 505 is available in free standing and compact models



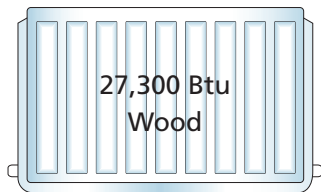
700

Suitable for larger dwellings requiring higher outputs, the 700 multi-fuel features Afterburn™, our precision secondary air control system. Providing outstanding control of the burn, stunning flame patterns and efficient combustion of the fuel.

“ESSE pioneered Convector Stoves in Victorian times and have been developing them ever since.”

700-17B Boiler Stove

The 700-17B boiler model offers a total output of 60,000Btu/h (17kW/h), 8kW/h to central heating and 9 kW/h to room. 700-17B features a tertiary air supply and thermostatic boiler control.



300 Series

A unique solution to fireplace conversion

The 300 series inset stove provides a unique solution to convert an inefficient open fire into an economical multi-fuel stove. Insets can improve the efficiency of an open fire by up to 400%, with an open fire over 80% of the heat may be lost up the chimney. The 300, 301 and 350 are convector stoves. The firebox sits inside a second outer casing with a cavity in between the two.

Cool air from the room is drawn in at the base of the stove and heated before rising out of the top of the stove into the room. GreenSwitch™ is a radiant thermostatically controlled boiled stove designed to provide heat to radiators without over heating the room it is in. 301, 350 and GreenSwitch™ are available with a choice of traditional and contemporary door finish options.

300

The award winning 300 has an operating range of 3kW/h and fits straight into a standard fireplace with virtually no disturbance. The 300 is a tried and tested insert heater designed to burn smokeless fuels. Available with a stove black, cast iron Original front only.

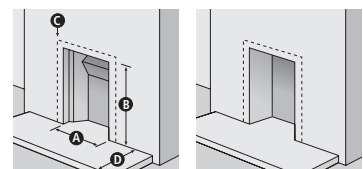


Fireplace dimensions for ALL models

- A) Between 396 & 420mm
- B) Between 540 & 560mm
- C) Extending 50mm around opening
- D) Hearth at least 400mm deep without obstructions that could prevent the door from opening.

Left - The 300/301 will fit straight into any standard British or Irish masonry fireplace (to BS1251 & BS8303), with the fire back in place.

Right - The 350/350GS will fit straight into any standard British or Irish masonry fireplace (to BS1251 & BS8303), once space has been created behind.



The 301, 350 and GreenSwitch™ are all available with a choice of any of the 6 doors pictured

NEW

301

The 301 gives you the best of both the 300 and 350. The 301 has a large clear window to enable you to fully appreciate your fire. It fits straight into a standard fireplace without the need to remove brick fireback and boasts a 5kW/h output. It is equipped with a secondary air control for burning wood and smokeless fuel. Available with any of the six doors pictured.

350

The award winning 350 offers a larger output of up to 7kW/h. Like the 300 and 301 it fits into a standard fireplace, however, the brick fireback must be removed to allow for its larger capacity firebox. It is equipped with a secondary air control for burning wood and smokeless fuel. Available with any of the six doors pictured.

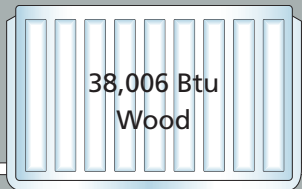
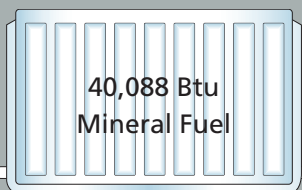
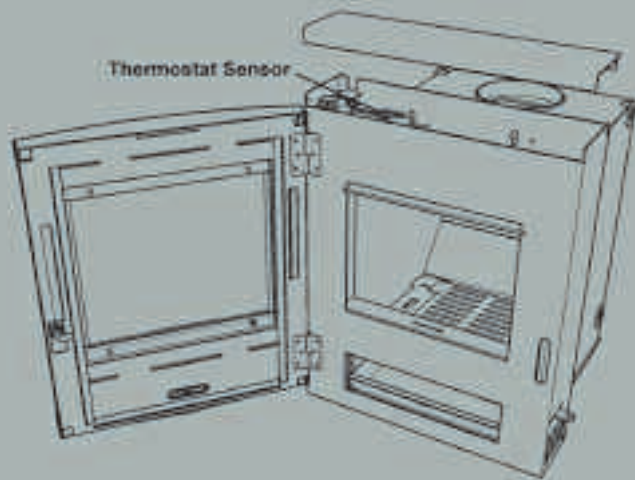
NEW

GreenSwitch™

GreenSwitch™ is a room heating stove with thermostatic boiler. The stove gives a modest 3kW/h to the room and a generous 14.7kW/h (38,006 Btu) to water. Like the 300, 301 and 350 it fits into a standard fireplace, however, a depth of 372mm must be created to allow for its larger capacity firebox.

GreenSwitch™ is equipped with a control to adjust the airflow to maintain the most efficient combustion whatever the choice of fuel.

Available with any of the six doors pictured.



For more information on ESSE products and our history and tradition log onto www.esse.com



Original



Ember



Stainless Steel



Earth



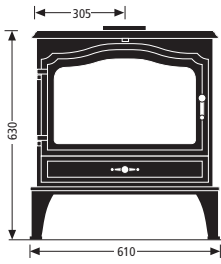
Traditional - Open



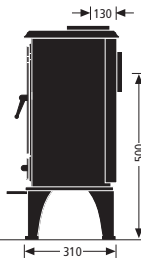
Traditional - X

Dimensions

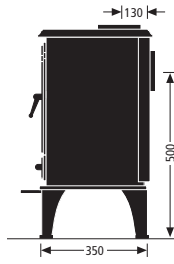
100/100SE/200



100/100SE



200



125

Height 530mm
Width 648mm
Depth 363mm

Distance from centre of flue to back of stove 145mm

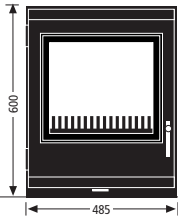
Distance from hearth to centre of flue 405mm



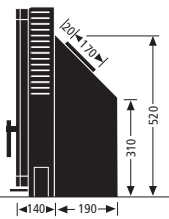
Centraliser

The ideal solution for connecting up two boilers to drive the same heating system. For example link up an ESSE wood fired cooker / boiler with an ESSE 700-17b or GreenSwitch™ boiler stove.

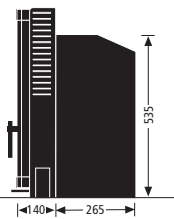
300 / 350



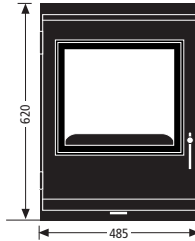
300



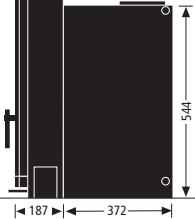
350



350GS

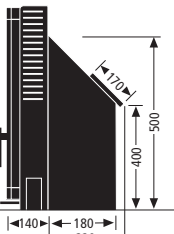
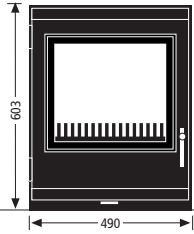


268

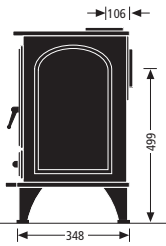
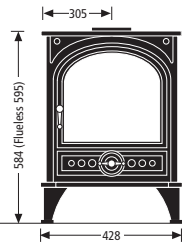


350 and 301 only
A round flue adaptor is available to allow connection to a flue pipe or flexible chimney liner. This can be connected to the liner and then fitted from inside the stove.

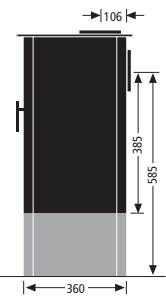
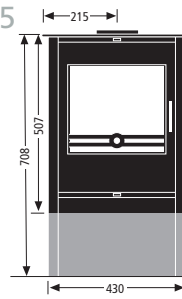
301



500



505



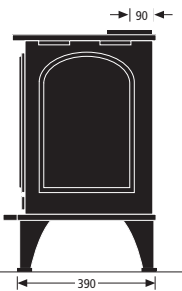
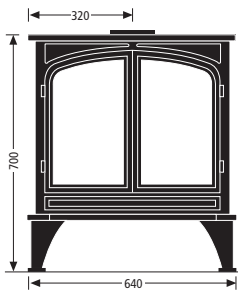
525

Height 542mm
Width 440mm
Depth 380mm

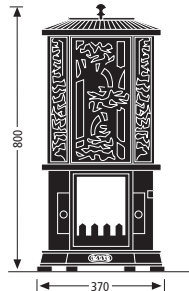
Distance from centre of flue to back of stove 140mm

Distance from hearth to centre of flue 415mm

700



Solo



Efficiency Test Data

Model	Fuel	Output kW EN13240(ST) EN12815(C)	Efficiency %	Co Emissions Corrected to 13%O2	Fuel/Hr Kgs	Flue temp Mean °C
100	Logs	5	82	0.55	1.4	241
100	Pureheat	4.8	77.6	0.268	0.75	281
300	Anthracite	4.5	64	0.27	0.93	381
350	Logs	7	72	0.43	2.1	433
500/505	Logs	3.8	80	0.51	1.1	225.1
505	Pureheat	5.64	76.2	0.428	0.9	242
700	Logs	10.5	80.2	0.276	2.55	348
700	Pureheat	9.5	77.1	0.283	1.5	301
700 Boiler	Logs	9.5R/8.5W	70.5	0.646	5.1	271
700 Boiler	Pureheat	9.2R/5.8W	70	0.166	2.5	220

ALL STOVES

	100/125	100SE/125SE	200	300	301	350	500	500 W	505/525/525T	700	700-17B	GreenSwitch™
Construction	100 - Steel/Cast 125 - SS/Steel	100SE - Steel/Cast 125SE - SS/Steel	Steel/Cast iron	Steel/Cast iron	Steel/Cast iron	Steel/Cast iron	Cast iron	Cast iron	Steel	Steel/Cast iron	Steel/Cast iron	Steel/Cast iron
Flue outlet	Top or Rear	Top or Rear	Top or Rear	Class 1chimney	Class 1chimney	Class 1chimney	Top or Rear	Top or Rear	Top or Rear	Top	Top	Class 1chimney
Flue pipe diameter	5" (125mm)	5" (125mm)	5" (125mm)	6" (150mm)	6" (150mm)	6" (150mm)	5" (125mm)	5" (125mm)	5" (125mm)	6" (150mm)	6" (150mm)	6" (150mm)

MULTI-FUEL/WOODBURNING

External riddling	○	○	○	○	○	○	○	○	●	○	○	●
Overnight burning (Suitable for continuous burning)	●	○	●	● mineral fuel	●	●	●	●	●	●	●	●
Pre-heated secondary airwash	●	●	●	○	●	●	●	●	●	●	●	○
Afterburn™ system	●	●	●	○	○	○	○	○	○	○	●	○
Boiler model – central heating	○	○	○	○	○	○	○	○	○	○	●	●
Operating range (depending on fuel type and settings)	Up to 5kW/h	Up to 5kW/h	Up to 7.5kW/h	Up to 3kW/h	Up to 5kW/h	Up to 7kW/h	Up to 5kW/h	Up to 5kW/h	Up to 5.6kW/h	Up to 10.5kW/h	Up to 17kW/h	Up to 14.7kW/h
Log burning grate and firebox (not suitable for coal etc)	○	○	○	○	○	○	○	○	○	○	○	●
Additional room vent required	○	○	●	○	○	●	○	○	●	●	●	●

Key: ● applicable ○ not applicable SS Stainless Steel

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ESSE Engineering Limited, Ouzledale Foundry, Long Ing, Barnoldswick, Lancashire BB18 6BN
Tel: 01282 813235 Fax: 01282 816876 Email: enquiries@esse.com Website: http://www.esse.com

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