



Great British Stoves



MASTER STOVE
MAKER SINCE 1854

*think stove,
think ESSE.*



master stove maker since 1854



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.

“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.



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 teams.

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. Models include 500 and 525.

Firewall®

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



Range Cookers

Oil, Gas, Flueless Gas and Electric. 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.

500C

This 5kW/h cast iron stove offers function and form in perfect harmony. The 500C 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 500C 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.

A 500 leg set is available as an optional extra to increase the height of the stove to 584mm



500C

500 with optional leg kit



700

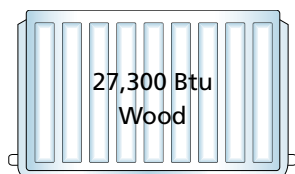
Suitable for larger dwellings requiring higher outputs, the 700 double door multi-fuel convector stove features Afterburn™, our precision secondary air control system. 700 offers outstanding control of the burn, stunning flame patterns and efficient combustion of the fuel.

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

700-27B Boiler Stove

Centraliser® Compatible

The 700-27B boiler model offers a total output of 60,000Btu/h (17kW/h), 8kW/h to central heating and 9 kW/h to room. 700-27B features a tertiary air supply and thermostatic boiler control.





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. 100 has been independently tested for use with 12mm non-combustible hearth.

“The 100 loves to burn logs and boasts an amazing 82% efficiency when burning wood”

100 SE

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

Smoke control area
approved



200

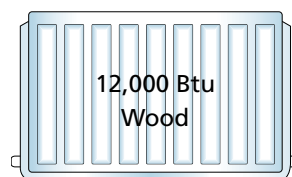
This stunning 7.5kW/h stove is constructed from cast iron and high grade steel and featuring Afterburn™ our precision secondary air control system. The 200 will happily burn most solid fuels and will reward you with a wonderful flame pattern when burning properly seasoned wood.

200-12B

Centraliser® Compatible

The 200-12B gives a generous 12,000Btu/h to water; ample heat for most doestic hot water systems and heat dump radiator.

The stove features a riddling grate which in the closed position will happily burn wood.



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 700-27B, 200-12B or 350GS boiler stove.

125

125 is the contemporary version of the 100 with the same stunning flame pattern. It boasts the same internal firebox dimensions and heat output as the 100. The body is high grade steel and the legs are stainless steel.

125 SE

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

Smoke control area
approved



525

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 continental 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 drop in wood burning kit to optimise wood burning is available.

The 525 is available in short and tall leg versions.



525

525T

ESSE inset stoves

"A unique solution to fireplace conversion"

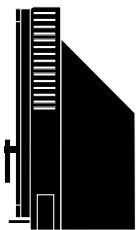
ESSE inset stoves provide a unique solution to convert an inefficient open fire into an economical multi-fuel stove. Insets can improve the efficiency of an open fire by up to 400%, with an open fire over 80% of the heat may be lost up the chimney.

The 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 as hot air into the room. 350GS GreenSwitch™ is a radiant thermostatically controlled boiler stove designed to provide heat to radiators without over heating the room it is in. 301, 350 and 350GS are available with a choice of traditional and contemporary door finish options.

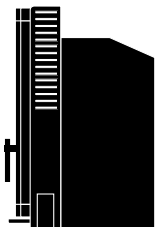


The 301, 350 and 350GS are all available with a choice of any of the 4 doors pictured



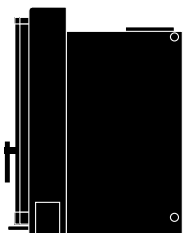
301 5kW

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.



350 7kW

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.

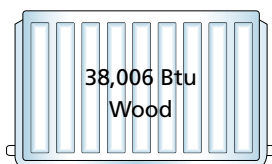
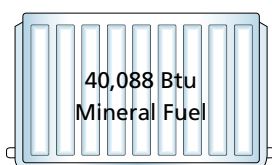


350GS 3kW_(room) 14.7kW_(water)

Centraliser® Compatible

350GS 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 364mm must be created to allow for its larger capacity firebox.

The 350GS is equipped with a control to adjust the airflow to maintain the most efficient combustion whatever the choice of fuel and riddling grate for use with mineral fuel.

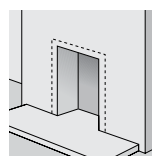
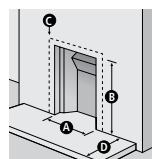


Fireplace dimensions for ALL models

- 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.



1



Stainless Steel

2



Black

3



Traditional - Open

4



Traditional - X

135 Stainlesse

135 is the contemporary stainless steel multifuel stove. With a highly polished stainless front and fins it boasts an 82% efficiency when burning wood.



Solo electric

Add Warmth to a room where a conventional stove is not practical or for a conservatory or summer house with style and elegance.

Hand crafted in quality cast iron, Solo 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.

Solo is modeled on an original Victorian ESSE solid fuel stove.

More recently Solo was available as an oil fired appliance and when launched as an electric room heater it won a prestigious "Best electric appliance" industry award and instantly became the number one high quality electric stove.



Polished

Evergreen

Black



Dimensions

100/100 SE/200/200-12B

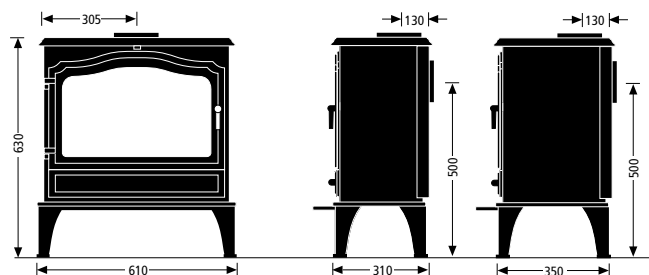
100/100 SE

200/200-12B

125/125 SE

500/500C

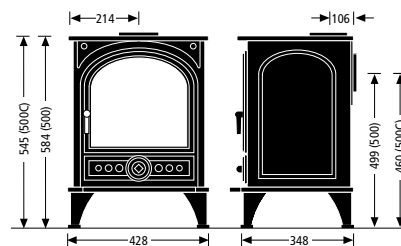
525 (525T)



Height 530mm
Width 648mm
Depth 363mm

Distance from centre
of flue to back of
stove 145mm

Distance from hearth
to centre of flue
405mm



Height 542mm (690)
Width 440mm
Depth 380mm

Distance from centre
of flue to back of
stove 140mm

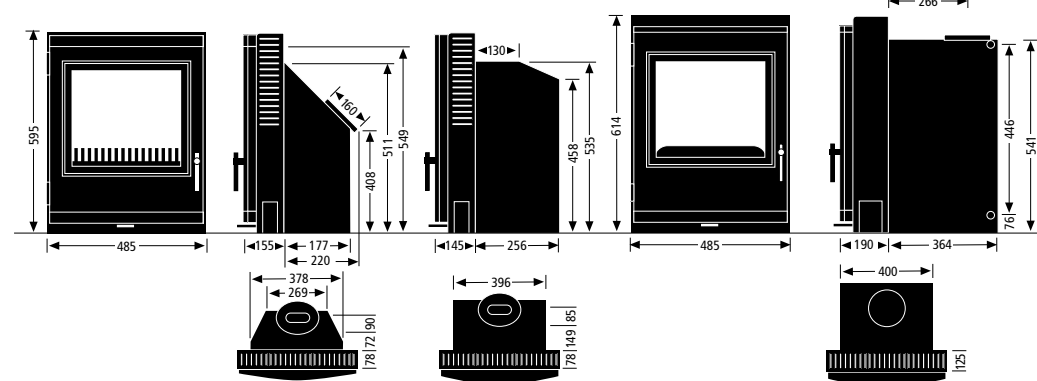
Distance from hearth
to centre of flue
415mm (585)

301/350

301

350

350GS



350 & 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.

135/135 SE

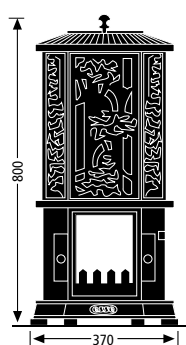
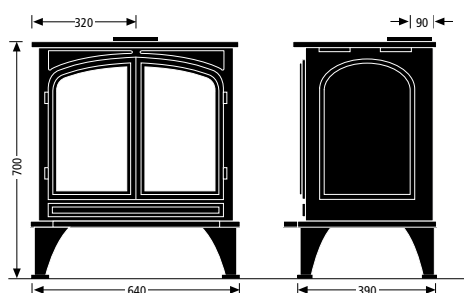
Height 593mm
Width 665mm
Depth 320mm

Distance from centre
of flue to back of
stove 120mm

Distance from hearth
to centre of flue
460mm

700/700-27B

Solo



Efficiency Test Data

Model	Fuel	Output kW EN13240(ST)	Efficiency %	CO Emissions Corrected to 13%CO ₂	Fuel/Hr Kgs	Flue temp Mean °C
100	Logs	5	82.1	0.61	1.4	244
100	Anthracite	4.8	77.6	0.36	0.75	235
200-12B	Logs	2.8R/3.6W	69.7	0.4	2.2	352.4
300	Anthracite	4.5	64	0.27	0.93	381
301	Logs	4.41	71	0.7	1.21	340
350	Logs	7	72	0.43	2.1	433
500	Logs	3.8	80	0.51	1.1	225.1
525	Pureheat	5	76.2	0.428	0.8	242
700	Logs	10.5	80.2	0.276	2.55	348
700	Pureheat	9.5	77.1	0.283	1.5	301
700-27B	Logs	9.5R/8.5W	70.5	0.646	5.1	271
700-27B	Pureheat	9.2R/5.8W	70	0.166	2.5	220

MODEL	ALL STOVES			MULTI-FUEL / WOODBURNING							
	Construction	Flue outlet	Flue pipe diameter	External Riddling	Overnight Burning (Suitable for continuous burning)	Pre-heated secondary airwash	Afterburn™ system	Boiler model - central heating / domestic HW	Operating range (Depending on fuel type & settings)	Log burning grate & firebox (Not suitable for coal etc)	Additional room vent required
100	Steel / Cast iron	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 5kW/h	○	○
125	SS / Steel	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 5kW/h	○	○
100SE	Steel / Cast iron	Top or Rear	5" (125mm)	○	○	●	●	○	Up to 5kW/h	○	○
125SE	SS / Steel	Top or Rear	5" (125mm)	○	○	●	●	○	Up to 5kW/h	○	○
200	Steel / Cast iron	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 7.5kW/h	○ Optional grate supplied	●
200-12B	Steel / Cast iron	Top or Rear	5" (125mm)	●	●	●	●	● DHW	Up to 6.4kW/h	○	●
301	Steel / Cast iron	Class1 chimney	6" (150mm)	○	●	●	○	○	Up to 5kW/h	○	○
350	Steel / Cast iron	Class1 chimney	6" (150mm)	○	●	●	○	○	Up to 7kW/h	○	●
350GS	Steel / Cast iron	Class1 chimney	6" (150mm)	●	●	○	○	● CH Thermostatic	Up to 17.7kW/h	○	●
500	Cast iron	Top or Rear	5" (125mm)	●	●	●	○	○	Up to 5kW/h	○ Optional log kit available	○
500W	Cast iron	Top or Rear	5" (125mm)	○	●	●	○	○	Up to 3.8kW/h	●	○
525	Steel	Top or Rear	5" (125mm)	●	●	●	○	○	Up to 5kW/h	○ Optional log kit available	○
700	Steel / Cast iron	Top	6" (150mm)	○	●	●	●	○	Up to 10.5kW/h	○ Optional grate supplied	●
700-27B	Steel / Cast iron	Top	6" (150mm)	○	●	●	●	● CH Thermostatic	Up to 17kW/h	○ Optional grate supplied	●

Key: ● applicable ○ not applicable SS Stainless Steel

"Every ESSE stove is made in Great Britain."

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

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