

ESSE **MASTER**
STOVE SINCE 1854
MAKERS



STOVE COLLECTION
HAND MADE IN BRITAIN



ESSE's 'Mrs Sam' Stove was relied upon, in Shackleton's Hut, to provide the hot food and warmth needed by the Antarctic expedition team in one of the world's most inhospitable environments.



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YOUR STOVE - OUR PRIDE

When you select an ESSE stove, you might be choosing the latest model, but you are also choosing more than a century and a half of stove-building history.

As ESSE was established in 1854, you can rest assured that you are choosing a level of quality that has been tried and tested around the world for almost 160 years. Our products have been put through their paces in royal households and on Polar expeditions as well as in countless homes.

ESSE cookers and stoves have earned the praise of many distinguished people: Florence Nightingale, Antarctic explorers Shackleton and Scott, mountaineer Alan Hinkes OBE and, more recently, TV's famous River Cottage team.

The experience we've built up over the years naturally goes into everything we do and all ESSE stoves are still hand-built in Britain with pride, just as they always have been.

Not only are these stoves built with attention-to-detail by skilled craftsmen, they are also some of the most energy efficient on the market, helping you save on energy bills and running costs. Today, we offer a wide range of styles and specifications to ensure there is a stove to suit your home and your requirements perfectly. We even have models that are suitable for burning wood in smoke control areas under the DEFRA exemption scheme, thanks to their innovative design.

Here at ESSE it is our pledge and our pleasure to live up to your expectations and beyond.

An explanation of stoves suitable for use in Smoke Control Zones

Smoke Control Area-approved stoves have been made exempt from the clean air act by DEFRA (Department for Environment, Food and Rural Affairs) and as such, are suitable for burning wood in a Smoke Control Zone. These ESSE stoves are highly efficient and include our models with the 'SE' suffix. ESSE Smoke Control Area-approved stoves include the freestanding 500 SE, 525 SE, 100 SE, 100 DD SE and 125 SE, and in addition, our inset 301 SE and 350 SE stoves.



Convactor Stoves

A convactor stove transfers heat from the stove firebox to the room by the movement of heated air. Convactor stoves achieve this by transferring heat from the stove body to the air through a series of additional plates, panels or fins which enlarge the surface area of the stove, allowing more heat to be exchanged from the stove to air. Whilst ESSE 700 DD, 700 DD 700 DD- 27B, 301 SE and 350 SE all have convactor panels to the back, sides and top, most ESSE stoves feature a convactor plate to the back and/or top to efficiently bring the heat from the firebox into the room.

Non-Combustible or Decorative Hearths

Stoves must be fitted on a constructional hearth, as set out in Building Regulations part J, unless otherwise stated. Exemptions to this regulation include the ESSE 100 Series which has been tested independently for use on a 12mm thick non-combustible hearth.



500 SE 5kW

This 5kW cast iron stove offers function and form in perfect harmony. Its balanced proportions, elegant curves and cast iron detail make this equally at home in an inglenook or free standing in the room. The 500 SE is a simple-to-use multifuel stove with a twin position grate for burning either wood or solid fuel.

**EFFICIENCY
TESTED AT
83.5%**

Smoke control area
approved







100 5kW

The ESSE 100 is everything a stove should be. It offers the trade mark ESSE wide fire view through clear glass. It boasts a slim profile, making it ideal where hearth depths are limited and in rooms where there is space for a larger stove but a bigger heat output would overwhelm the living space. The 100 series has been tested independently for use with a 12mm decorative hearth.

100 SE 5kW

The 100 SE is DEFRA exempt and has been developed for burning wood or smokeless fuel in the smoke control zones set out by DEFRA.

EFFICIENCY
TESTED AT
82%

Smoke control area
approved



100 DD 5kW

All the capabilities of the 100 with an elegant double door.

100 DD SE 5kW

The 100 DD SE is DEFRA exempt and has been developed for burning wood or smokeless fuel in the smoke control zones set out by DEFRA.

EFFICIENCY
TESTED AT
82%

Smoke control area
approved



EFFICIENCY
TESTED AT
83.5%

Smoke control area
approved

525 SE 5kW

A contemporary stove inspired by the style of continental stoves but with a smaller footprint and output suited to the British living room. This stove features a twin position grate for burning either wood or solid fuel.

The 525 SE is available in both standard and tall leg versions, as well as brushed steel or black legs.



525 SE

525 SE T



EFFICIENCY
TESTED AT
82%

Smoke control area
approved

125 5kW

125 is the contemporary landscape stove from ESSE. It boasts a stunning flame pattern, an amazing 82% efficiency and a heat output of 5kW. The 125 will happily burn either wood or smokeless fuel. It features the trademark ESSE generous clear glass and superb controllability.

125 SE 5kW

The 125 SE is DEFRA exempt and has been developed for burning wood or smokeless fuel in the smoke control zones set out by DEFRA.



Available with brushed steel or black legs.

125 Podium 5kW

A contemporary woodburner so good - we put it on a pedestal! The 125 Podium stove offers all the performance and energy efficiency you would expect from ESSE, combined with modern, elevated style.

The new Podium promotes a stunning flame pattern, making a striking focal point for any room. This clean-burning, multi-fuel stove features ESSE's well known clear glass and excellent controllability. It offers an impressive 82% efficiency and a heat output of 5kW.

125 SE Podium 5kW

The 125 SE Podium is DEFRA exempt and has been developed for burning wood or smokeless fuel in the smoke control zones set out by DEFRA.



EFFICIENCY
TESTED AT
82%

Smoke control area
approved





700 DD 10.5kW

For larger dwellings requiring higher outputs, the 700 double door multi-fuel convector stove offers outstanding control, stunning flame patterns and efficient combustion of the fuel. It is a genuine convector stove with inner high quality steel body clad with iron castings on the top and sides and a steel convector plate to the rear.



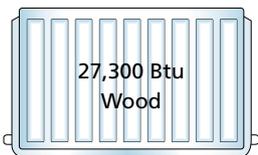
**EFFICIENCY
TESTED AT
80.2%**

Pictured left in cream enameled finish.

700 DD-27B Boiler Stove

9kW (room) 8kW (water)

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



**EFFICIENCY
TESTED AT
70%**

Centraliser® COMPATIBLE

ESSE Centraliser® is the ideal solution for connecting up two boilers on an open ventilated heating system up to 30kw. For example link up an ESSE wood-fired cooker / boiler with an ESSE 700-27B or 350 GS boiler stove.







200 XK

This stunning 8.5kW stove is constructed from cast iron and high grade steel and features Afterburn™ our precision secondary air control system.

The 200 XK is simple to use, it is a multifuel stove with a twin position grate for burning either wood or solid fuel.

200 XK duct kit

This stove can be connected in such a way that combustion air can be supplied via a pipe fixed directly to an outside wall as an alternative to a room air vent.

**EFFICIENCY
TESTED AT
78.5%**



Campesse 7.5kW The outdoors kitchen

The Campesse is a lightweight mini cookstove with a hob, ideal for the ultimate 'glamping' experience. It was originally developed for use during camping expeditions in the Arctic and has an operating range of up to 7.5kW. A guard has been designed to complement the cookstove, which is pictured in the installation above, in a Bergans tee pee, with Premier/Poujalait flue system. A container of Campesse stoves was sent to help with tsunami relief in Japan.

Campesse Deluxe Designed in association with Hasegawa, Kuwana City, Japan

Illustrated right with hob extensions, beautiful fire view, adjustable feet and built-in hearth.



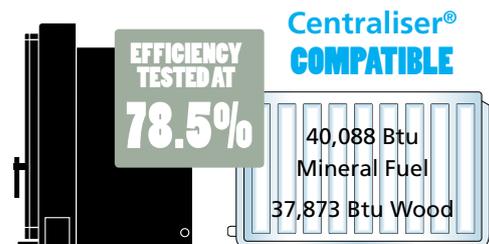
ESSE Inset Stoves

with smoke control area approved models

“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% as with an open fire over 80% of the heat may be lost up the chimney. The 301 SE and 350 SE are convector stoves. Cool air from the room

is drawn in at the base of the stove and heated before rising as hot air into the room. The 350GS GreenSwitch™ is a radiant thermostatically-controlled boiler stove designed to provide heat to radiators without overheating the room it is in. The 301 SE, 350 SE and 350 GS are available with a choice of traditional and contemporary door finish options.



301 SE 5kW

The 301 SE 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 the brick fireback and boasts a 5kW output. It is equipped with a precision air control for burning either wood or smokeless fuel. The 301 SE is DEFRA exempt and has been developed for burning wood in the smoke control zones set out by DEFRA.

350 SE 6.5kW

The award-winning 350 SE offers a larger output of up to 6.5kW. 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 precision air control for burning either wood or smokeless fuel. The 350 SE is DEFRA exempt and has been developed for burning wood in the smoke control zones set out by DEFRA.

350 GS 3.6kW (room) 11.1kW (water)

The 350 GS GreenSwitch™ is a room-heating stove with thermostatic boiler. The stove gives a modest 3.6kW to the room and a generous 11.1kW (37,873 Btu) to water. It fits into a standard fireplace, however, a depth of 364mm must be created to allow for its larger capacity firebox.

The 350 GS is equipped with a control to adjust the airflow to maintain the most efficient combustion whatever the choice of fuel, and a riddling grate for use with mineral fuel. The front section is removable to assist plumbing. An external air duct kit is also available.

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



Black



Stainless Steel



Black Diamond Cast Door



Solo electric

Add warmth to a room where a conventional stove is not practical. Hand-crafted in quality cast iron, Solo is both durable and efficient, silently connecting up to 2kW of heat into every corner of the room. It is equipped with a thermostatic control for maximum comfort. The Solo has won the "Best Electric Appliance" industry award and instantly became the number one high quality electric stove.



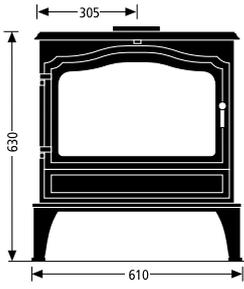
Polished

Black

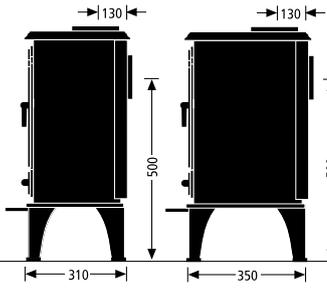
Green

Dimensions

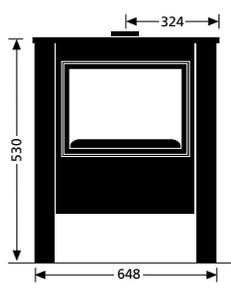
100/DD/SE 200XK



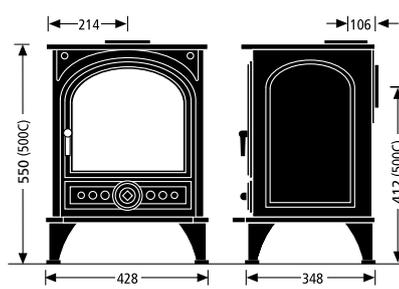
100/DD/SE 200XK



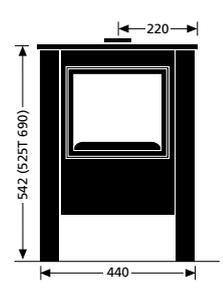
125/SE



500 SE



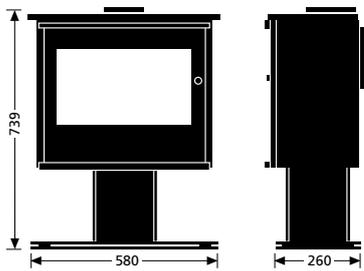
525 (525T) SE



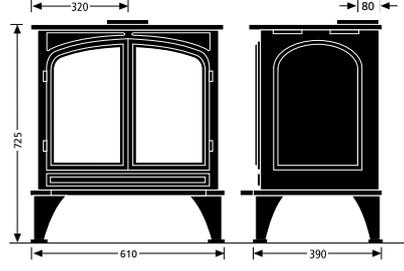
Depth 363mm
Distance from centre of flue to back of stove 145mm
Distance from hearth to centre of flue 405mm

Depth 380mm
Distance from centre of flue to back of stove 140mm
Distance from hearth to centre of flue 415mm (585)

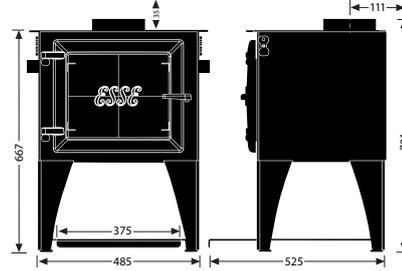
125 Podium



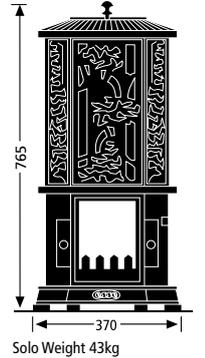
700/27B



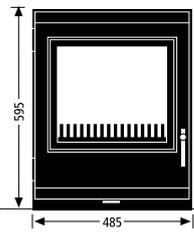
Campesse/Deluxe



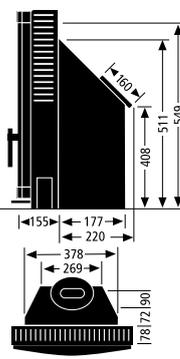
Solo



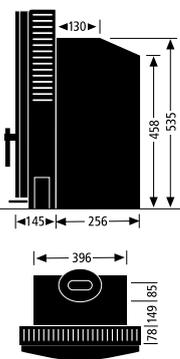
301 SE/350 SE



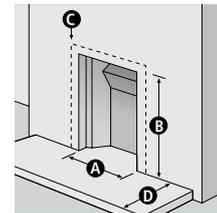
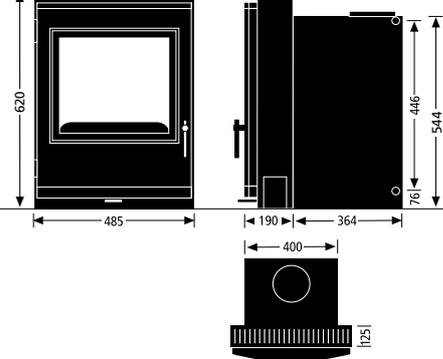
301 SE



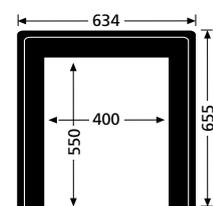
350 SE



350 GS



Fireplace dimensions for ALL models



Optional inset steel fitting frame

350 SE & 301 SE

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.

- 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.

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) (kW)	Weight (kg)	Additional room vent required
100	Steel / Cast iron	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 5	84	○
125	SS / Steel	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 5	100	○
100 SE	Steel / Cast iron	Top or Rear	5" (125mm)	○	○	●	●	○	Up to 5	84	○
125 SE	SS / Steel	Top or Rear	5" (125mm)	○	○	●	●	○	Up to 5	100	○
200 XK	Steel / Cast iron	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 8.5	99	●
301 SE	Steel / Cast iron	Class1 chimney	6" (150mm)	○	●	●	○	○	Up to 5	60	○
350 SE	Steel / Cast iron	Class1 chimney	6" (150mm)	○	●	●	○	○	Up to 7	72	●
350 GS	Steel / Cast iron	Class1 chimney	6" (150mm)	●	●	○	○	● CH Thermastatic	Up to 14.7	120	●
500 SE	Cast iron	Top or Rear	5" (125mm)	●	●	●	○	○	Up to 5	84	○
525 SE	Steel	Top or Rear	5" (125mm)	●	●	●	○	○	Up to 5	525C-80 525T-100	○
700	Steel / Cast iron	Top	6" (150mm)	○	●	●	●	○	Up to 10.5	160	●
700-27B	Steel / Cast iron	Top	6" (150mm)	○	●	●	●	● CH Thermastatic	Up to 17	175	●
Campesse	Steel / Cast iron	Top	6" (150mm)	○	○	●	●	○	Up to 7.5	67	●

Key: ● applicable ○ not applicable SS Stainless Steel

Premier flue pipe from Pennine Systems Ltd has been used in all free standing stove installations in this brochure unless otherwise stated. Our 525 shown on page 8 is photographed with a Montpellier Denver fireplace in Persiano Limestone. Our 301 SE shown on page 17 is photographed with a Durham Black Granite 54" surround with British-made Ciara Slate Tile from Cast Tec.

Efficiency Test Data

Model	Fuel	Output kW EN13240(ST)	Efficiency %	CO Emissions Corrected to 13% O ₂	Fuel/Hr Kgs	Flue temp Mean °C
100/125	Logs	5.0	82.1	0.61	1.4	244
100/125	Anthracite	4.8	77.6	0.36	0.8	235
200 XK	Logs	8.5	77.8	0.16	1.8	244
200 XK	Anthracite	7.1	78.5	0.17	1.0	235
301 SE	Logs	4.1	83.0	0.14	1.6	230
350 SE	Logs	5.2	80.0	0.20	1.7	246
500/525 SE	Logs	3.8	83.5	0.51	1.1	225
500/525 SE	Pureheat	5.0	76.2	0.43	0.8	242
700	Logs	10.5	80.2	0.28	2.6	348
700	Pureheat	9.5	77.1	0.28	1.5	301
700-27B	Logs	9.5R/8.5W	70.5	0.65	5.1	271
700-27B	Pureheat	9.2R/5.8W	70.0	0.17	2.5	220

ESSE
MASTER
STOVE SINCE
MAKERS 1854

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 ENGLAND



ESSE STOVES HAVE AN
 EXCEPTIONALLY
 LONG LIFE AND ARE
 MADE FROM
 RECYCLABLE MATERIAL

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