



*The Best British Stoves by ESSE*



MASTER STOVE  
MAKER SINCE 1854



# Master stove maker since 1854

Established in 1854, ESSE is the UK's longest-standing stove manufacturer. Our onsite museum (pictured) bears testament to our unrivalled heritage.

For over a century and a half, we have been continuously producing quality, hand-built British stoves to meet the needs of the UK market. The knowledge and skills we have developed over more than 150 years go into everything we do, and ESSE stoves are designed to last a lifetime. *Just ask one customer, whose ESSE has been in continuous daily use since 1920!*

Today, we offer a wide range of stoves, with styles to suit every home. Whether you love chic and contemporary or timeless and traditional, you'll find them all within the pages of this brochure. What's more - all our stoves combine energy-efficient performance with classic ESSE quality. Whether you're out to save the world, or just save on your energy bills, our entire range has been designed for energy-efficiency and lower running costs. Thanks to their innovative design, many ESSE stoves are suitable for burning wood in smoke control areas under the DEFRA exemption scheme.

For the ultimate in energy-efficiency, take a look at our inset stoves. ESSE pioneered the first British convector stoves and continues to lead the industry in developing these efficient alternatives to an open fire.

## Famous friends

With a heritage as rich as ours, you're bound to pick up a few famous fans over the years, ours include: World famous explorers Shackleton and Scott, the 'Lady with the Lamp' Florence Nightingale, James Bond in A View to a Kill, top British climber Alan Hinkes and, more recently, the well-known team at River Cottage.

All stoves and cookers are available through an exclusive network of ESSE retailers, which can be found by visiting [www.esse.com](http://www.esse.com) or calling 01282 813235.





PATENT **ESSE** STOVES  
AND  
**ESSE-VISCA** STOVES  
WITH OPEN OR CLOSED FIRES  
for  
Anthracite, Coke or Ordinary Coal

Healthiest & most  
economical Heating

CATALOGUE NO. 10, 24

**ESSE**  
PATENT STOVES

For Anthracite, Coke,  
or other smokeless fuel

Healthiest & Healthier  
than any  
other kind  
of Domestic Fires

CATALOGUE NO. 10, 24

PATENT STOVES

**ESSE**

PATENT  
STOVES  
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Anthracite, Coke or  
other Smokeless Fuel

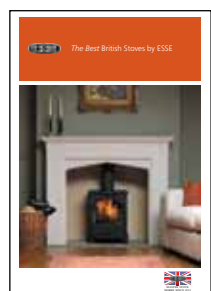
HEALTHY CONTINUOUS CONTROLLED WARMTH WITH GREAT ECONOMY



Efficiency tested at **80%**

## 500C 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. 500C is simple to use, it is a multifuel stove with a twin position grate for burning either wood or solid fuel.



Cover photography:  
ESSE 500C



Efficiency tested at **80%**

## 525 5kW

A contemporary stove inspired by the style of continental stoves but with a smaller footprint and output suited to the British living room. The firebox of the 525 is based on the dimensions of the 500C multi-fuel stove. This stove features a twin position grate for burning either wood or solid fuel.

The 525 is available in both standard and tall leg versions.



525C

525T



Efficiency  
tested at **82%**

**100 DD** 5kW

Engineered from cast iron and high grade steel and featuring Afterburn™ our precision secondary air control system, the 100 double door offers the country look with modern stove performance. 100 DD boasts a 5kW output with wide view, slim profile and it has been independently certified for use with a 12mm non-combustible hearth.

**100 DD SE** 5kW

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

Smoke control area  
**approved**



Efficiency tested at **82%**

**100** 5kW

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 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.

**100 SE** 5kW

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

Smoke control area  
**approved**

“Amazing 82% efficiency when burning wood”



Efficiency tested at **82%**

## 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. 125 will happily burn either wood or mineral 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 in the smoke control zones set out by DEFRA.

Smoke control area  
**approved**



Efficiency tested at **78.5%**

## 200 XK 8.5kW

This stunning 8.5kW stove is constructed from cast iron and high grade steel and features Afterburn™ our precision secondary air control system. 200 XK is simple to use, it is a multifuel stove with a twin partition grate for burning either wood or solid fuel.

### 200 XK Duct Kit

An external air kit is available to source 100% of all the stoves primary and combustion air from outside



Efficiency tested at **80.2%**

**700** 10.5kW

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.

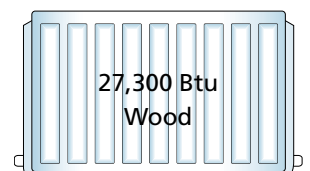
“ESSE pioneered Convector Stoves in Victorian times and has been developing them ever since.”

Efficiency tested at **70%**

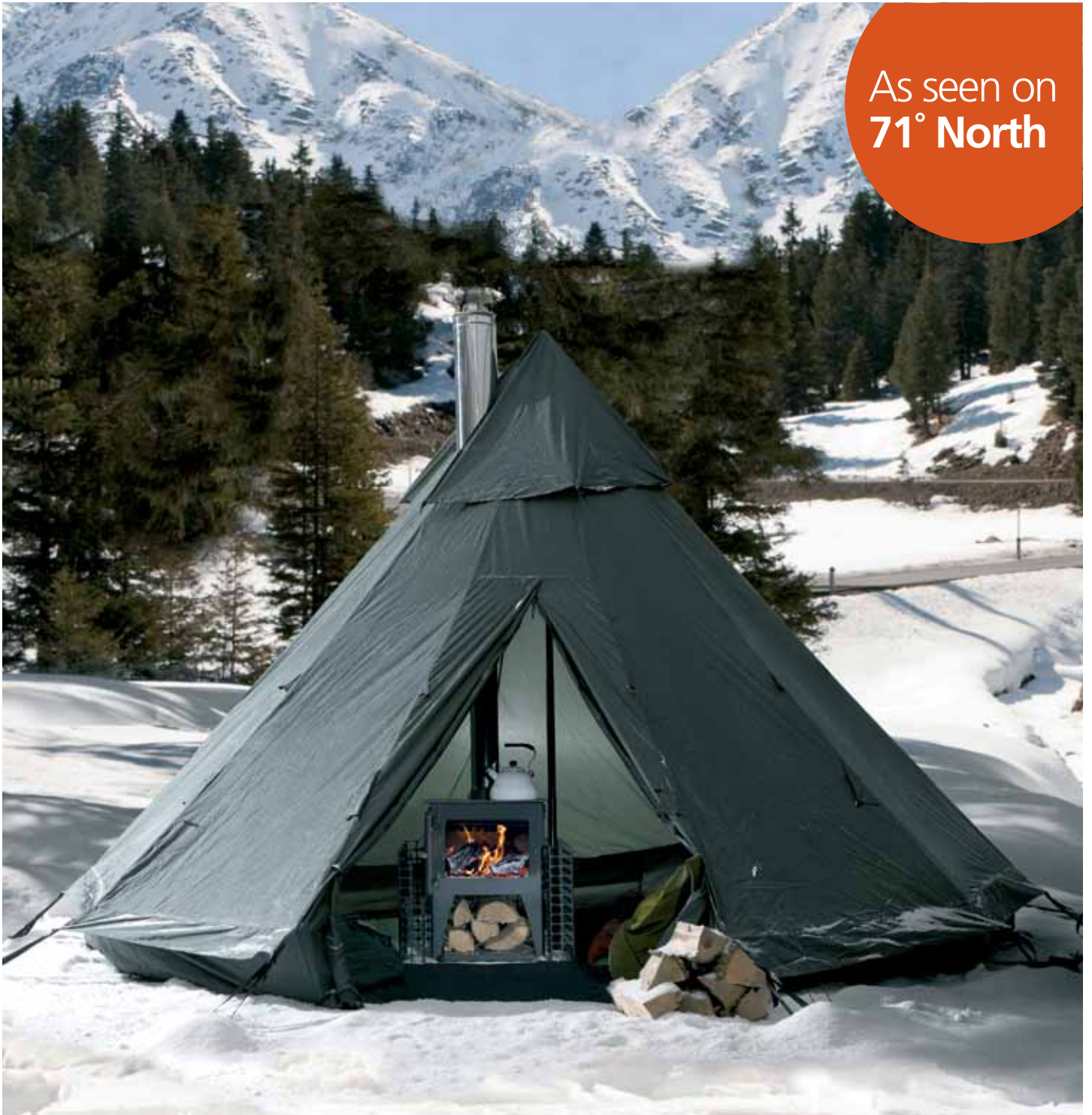
**700-27B** 9kW (room)  
8kW (water)  
**Boiler Stove**

Centraliser® Compatible

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



As seen on  
71° North



## Campesse 7.5kW

### The outdoors kitchen

The Campesse is a lightweight mini cookstove with twin hob. 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, with flues generously supplied by Pennine Systems Ltd. To make best use of the shipment, ESSE also contacted H.J. Heinz, who sent food parcels to go inside every stove.

Illustrated right with camping handles, adjustable feet and built in hearth.





1 Black Diamond Cast Door



2 Black



3 Stainless Steel

# 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%: with an open fire over 80% of the heat may be lost up the chimney. The 301 SE and 350 SE 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 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.

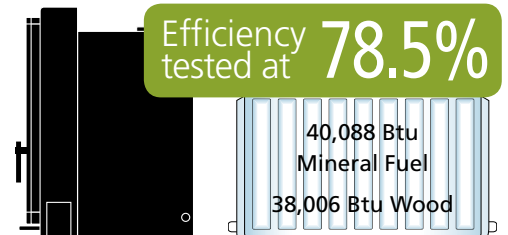
Smoke control area approved



## 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.

Smoke control area approved



## 350 GS

3.6kW (room) 11.1kW (water)

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 (38,006 Btu) to water. It fits into a standard fireplace, however, a depth of 364mm must be created to allow for its larger capacity firebox.

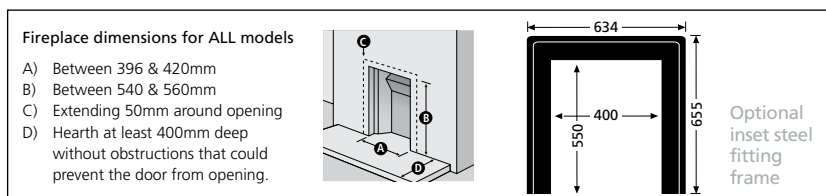
The 350 GS is equipped with a control to adjust the airflow to maintain the most efficient combustion whatever the choice of fuel and riddling grate for use with mineral fuel. The front section is removable to assist plumbing.

The 301, 350 and 350GS are all available with a choice of any of the 3 doors pictured opposite



## The real convector

There are plenty of glass-fronted fires on the market at the moment, but unfortunately many of them have been designed purely for aesthetics and do not give out nearly enough heat. ESSE, on the other hand, specialises in combining style with performance. Our convector stoves have been designed to use natural air convection to pick up heat from behind, above, at the sides and even underneath the fire - not an easy trick to pull off - but ESSE has been doing it for over a century.



## 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, 200-12B or 350 GS boiler stove.





## 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 convecting up to 2kW of heat into every corner of the room. It is equipped with a thermostatic control for maximum comfort. Solo has won the "Best Electric Appliance" industry award and instantly became the number one high quality electric stove.



Polished

Black

Green

# Dimensions

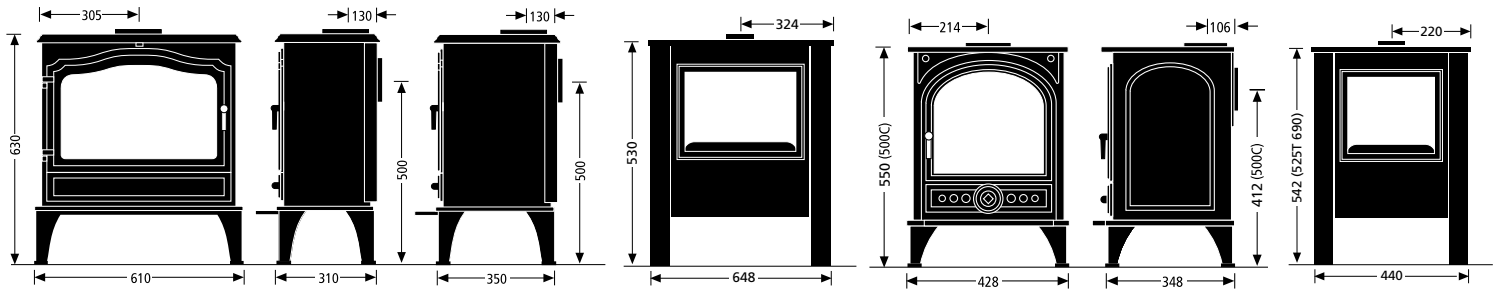
100/DD/SE 200/12B

100/DD/SE 200/12B

125/SE

500C

525 (525T)



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)

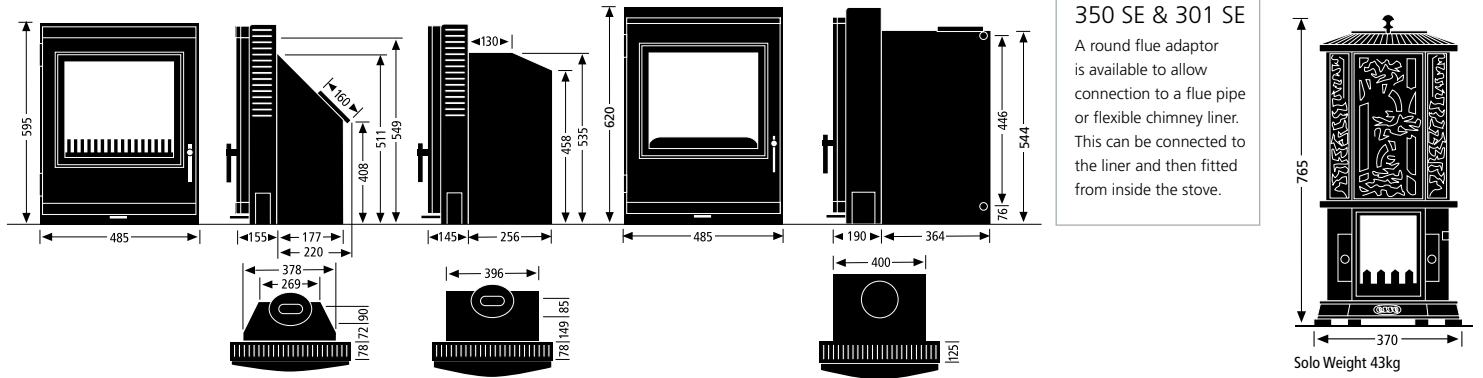
301 SE/350 SE

301 SE

350 SE

350 GS

Solo



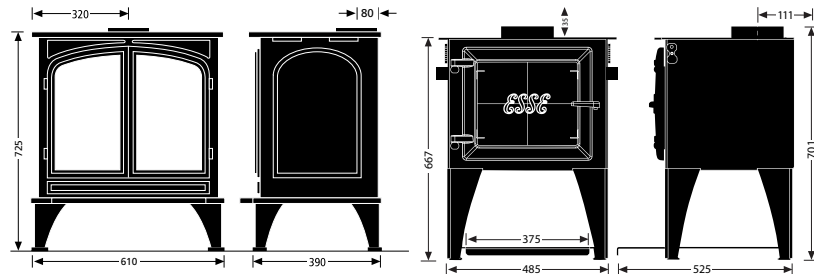
350 SE & 301 SE

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.

Solo Weight 43kg

700/27B

Campesse



## Efficiency Test Data

Model	Fuel	Output kW EN13240(ST)	Efficiency %	CO Emissions Corrected to 13% O <sub>2</sub>	Fuel/Hr Kgs	Flue temp Mean °C
100/125	Logs	5	82.1	0.61	1.4	244
100/125	Anthracite	4.8	77.6	0.36	0.75	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	0.14	1.62	230
350 SE	Logs	5.2	80	0.2	1.68	246
500/525	Logs	3.8	80	0.51	1.1	225
500/525	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) (kW)	Weight (kg)	Additional room vent required
<b>100</b>	Steel / Cast iron	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 5	84	○
<b>125</b>	SS / Steel	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 5	100	○
<b>100 SE</b>	Steel / Cast iron	Top or Rear	5" (125mm)	○	○	●	●	○	Up to 5	84	○
<b>125 SE</b>	SS / Steel	Top or Rear	5" (125mm)	○	○	●	●	○	Up to 5	100	○
<b>200 XK</b>	Steel / Cast iron	Top or Rear	5" (125mm)	○	●	●	●	○	Up to 8.5	99	●
<b>301 SE</b>	Steel / Cast iron	Class1 chimney	6" (150mm)	○	●	●	○	○	Up to 5	60	○
<b>350 SE</b>	Steel / Cast iron	Class1 chimney	6" (150mm)	○	●	●	○	○	Up to 7	72	●
<b>350 GS</b>	Steel / Cast iron	Class1 chimney	6" (150mm)	●	●	○	○	● CH Thermostatic	Up to 14.7	120	●
<b>500</b>	Cast iron	Top or Rear	5" (125mm)	●	●	●	○	○	Up to 5	84	○
<b>525</b>	Steel	Top or Rear	5" (125mm)	●	●	●	○	○	Up to 5	525C-80 525T-100	○
<b>700</b>	Steel / Cast iron	Top	6" (150mm)	○	●	●	●	○	Up to 10.5	160	●
<b>700-27B</b>	Steel / Cast iron	Top	6" (150mm)	○	●	●	●	● CH Thermostatic	Up to 17	175	●
<b>Campesse</b>	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.



 Every ESSE stove is made in Great Britain.

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WE ARE CONSTANTLY DEVELOPING AND IMPROVING OUR PRODUCTS. WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.



ESSE STOVES HAVE  
 UNUSUALLY  
 LONG LIFE AND ARE  
 MADE FROM  
 RECYCLABLE MATERIAL

 BROCHURE PRINTED IN  
 LANCASHIRE, ENGLAND

