



# SPECIFICATIONS AND OPTIONS

Use this table to help you decide which ESSE model is best suited to your cooking and heating requirements and preferred fuel type. Your local ESSE dealer will be happy to arrange a site visit to discuss your specific needs and answer any questions.

THE IRONHEART

MODEL	COOKER OPTIONS			HEAT SOURCE OR BURNER TYPE		HEAT OUTPUTS				HOTPLATE TYPE	FLUES & TAPPINGS				FUEL CONSUMPTION		
	COOKING & HEATING & HOTWATER	COOKING & HOTWATER ONLY	COOKING ONLY	BOILER	OVENS AND HOTPLATE	MINIMUM		MAXIMUM			FLUE PIPE DIAMETER	PREFERRED VERTICAL RISE	REAR FLUE ADAPTOR	BOILER TAPPINGS	SUMMER OPERATION (APPROX)	WINTER OPERATION (APPROX)	
OIL / VAPOURISING																LITRES PER DAY	
ON**			✓	N/A	1 x vaporising	N/A	N/A	N/A	N/A	Cast iron	5"	500mm	✓	N/A	6	10	
OD**		✓		A single vaporising burner heats both		3000	0.9	9000	2.6	Cast iron	5"	500mm	✓	B	6	10	
O-23**	✓			A single vaporising burner heats both		5000	1.5	23000	6.7	Cast iron	5"	500mm	✓	B	9	15	
OIL / ATOMISING																LITRES PER DAY	
O-60	✓			1 x pressure jet	1 x pressure jet	0	0	60000	17.6	Cast iron	5"	500mm	✓	A	Appendix 1	Appendix 1	
O-80	✓			1 x pressure jet	1 x pressure jet	0	0	80000	23.4	Cast iron	5"	500mm	✓	A	Appendix 1	Appendix 1	
O-106	✓			1 x pressure jet	1 x pressure jet	0	0	106000	31.1	Cast iron	5"	500mm	✓	A	Appendix 1	Appendix 1	
OC			✓	N/A	1 x pressure jet	N/A	N/A	N/A	N/A	Cast iron	5"	500mm	✓	N/A	Appendix 1	Appendix 1	
GAS																kW PER HOUR	
GN			✓	N/A	1 x atmospheric	N/A	N/A	N/A	N/A	Cast iron	4"	500mm	✓	N/A	1.3	2.7	
GD		✓		A single atmospheric burner heats both		2000	0.6	8000	2.4	Cast iron	4"	500mm	✓	C	1.3	2.7	
CAT			✓	N/A	1 x atmospheric	N/A	N/A	N/A	N/A	Cast iron	N/A*	N/A*	N/A*	N/A*	1.3	2.7	
ELECTRIC 45 amp																	
EC			✓	N/A	Electric	N/A	N/A	N/A	N/A	Black ceramic glass	N/A	N/A	N/A	N/A	Appendix 2	Appendix 2	
PLUS2			✓	N/A	Electric	N/A	N/A	N/A	N/A	Black ceramic glass	N/A	N/A	N/A	N/A	Appendix 2	Appendix 2	
WOOD BURNING (see separate brochure for full details)																lbs PER HOUR	
EW			✓	N/A	Multi-fuel grate	N/A	N/A	20800	6.1	Cast iron	6"	500mm	N/A	N/A	4lbs seasoned wood		
EWB		✓		A Multi-fuel grate heats both		15350	4.5 †	15350	4.5 †	Cast iron	6"	500mm	N/A	N/A	4lbs seasoned wood		
Appendix 1 - The oven burner will use 0.6 of a litre for the first hour from cold and thereafter 0.25 of a litre per hour to maintain a constant high oven temperature																	
Appendix 2 - The ovens use a similar amount of electricity as conventional electric cookers. If using the electric model as a space heater it will use 1/3 kW per hour to keep the cooker warm. Running costs compare favourably with conventional central heating boilers.																	

\*Catalytic converter fitted so no flue pipe required \*\*Optional thermostat available which will improve fuel efficiency † Average value - Outputs vary dependent on fuel load and settings

Ouzledale Foundry Co. Limited, Long Ing, Barnoldswick, Lancashire BB18 6BN Tel: 01282 813235 Fax: 01282 816876 Email: esse@ouzledale.co.uk Website: <http://www.esse.com>