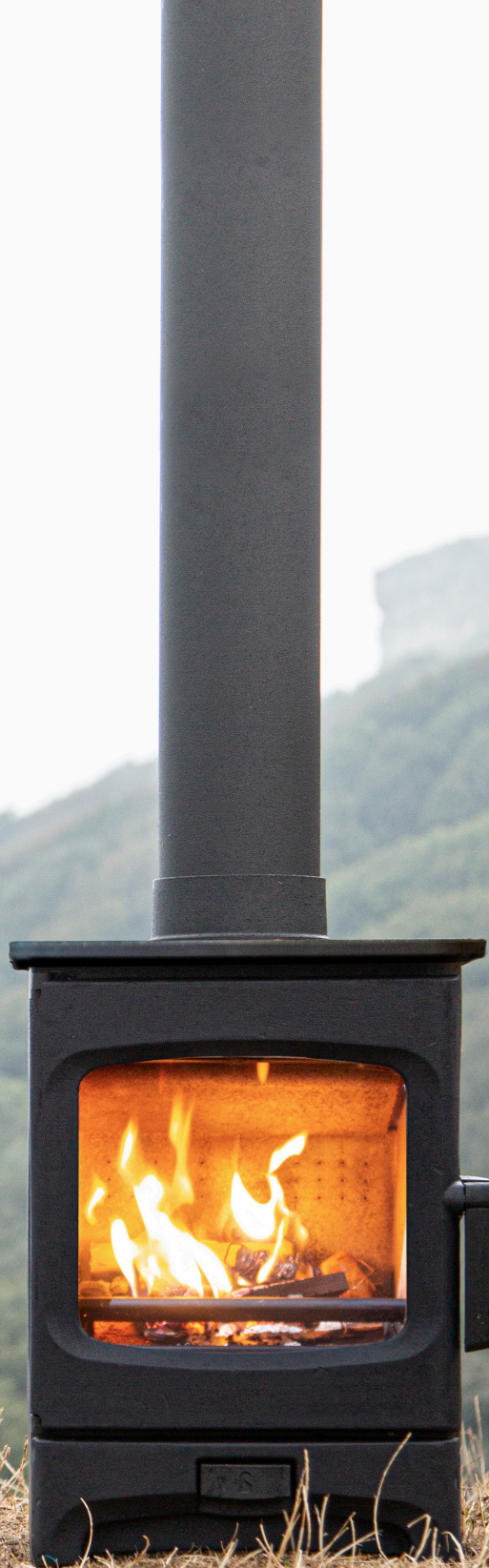




ECODESIGN 2022

Crystal Clear Burn
Exceptional Efficiency
Minimal Emissions



charnwood 

LEADING THE CHARGE IN *ultra clean-burn* STOVES

Charnwood are proud to have stoves certified in the *clearSkies* listing, an independent emissions and energy performance certification mark for stoves. *clearSkies* is a UK-wide programme to help lower emissions and improve air quality. A *clearSkies* certified stove demonstrates the appliance meets and exceeds Ecodesign standards. A *clearSkies* level 3 and above appliance includes Defra exemption.

Charnwood offer a wide range of *clearSkies* certified stoves featuring our revolutionary BLU technology that significantly reduces particle emissions while ensuring high efficiencies, easy and controllable operation with a superior flame picture. This is in addition to the carbon-neutral benefits of wood burning as we seek to control and reduce global CO₂ levels.





	WOOD	MULTI-FUEL	NOMINAL OUTPUT (kW)	ENERGY EFFICIENCY (%)	EMISSIONS DATA **				ENERGY EFFICIENCY CLASS	DEFRA EXEMPT	CLEARSKIES MARK
					PARTICLES (mg/m³)	EMISSION OF CO (%)	OGC (mg/m³)	NOX (mg/m³)			
ECODESIGN REQUIREMENTS				ABOVE 75	BELOW 40	BELOW 0.12	BELOW 120	BELOW 200			
Cranmore 3	✓		3.6	86	25	0.07	76	103	A+	✓	5
Cranmore 5	✓		5.0	84	27	0.09	109	114	A+	✓	5
Cranmore 7	✓		7.0	82	22	0.08	60	109	A+	✓	5
Aire 3	✓		3.6	86	25	0.07	76	103	A+	✓	5
Aire 5	✓		5.0	84	27	0.09	109	114	A+	✓	5
Aire 7	✓		7.0	82	22	0.08	60	109	A+	✓	5
Arc 5	✓	✓	5.0	81	29	0.08	85	115	A+	✓	5
Arc 7	✓	✓	7.0	81	24	0.07	97	99	A+	✓	5
Bay BX	✓		5.0	81	12	0.10	118	105	A+	✓	5
Bay VL	✓		5.0	81	12	0.10	118	105	A+	✓	5
Bembridge	✓		5.0	82	30	0.06	90	130	A+	✓	5
Country 4	✓		5.0	84	20	0.10	95	134	A+	✓	5
C-Four	✓		4.8	82	16	0.08	87	92	A+	✓	5
C-Four Insert	✓	✓	5.0	80	13	0.08	63	132	A+	✓	5
C-Five	✓		5.0	82	30	0.06	90	130	A+	✓	5
C-Five DUO		✓	5.0	80.3	26	0.12	92	112	A+	✓*	5*
C-Six	✓		5.9	82	33	0.07	72	113	A+	✓	5
C-Seven	✓		7.1	79	25	0.07	100	60	A	✓	5
C-Eight	✓		8.0	81	30	0.07	96	118	A+	✓	5
Cove 2	✓		8.0	77	15	0.10	92	112	A	✓	4
Cove 3	✓		12.0	80	14	0.10	94	124	A+		2
All New Island I	✓	✓	5.0	85	9	0.09	51	92	A+	✓	5
All New Island II	✓	✓	8.0	82	14	0.08	69	107	A+	✓	5
Island III	✓		11.0	79	22	0.09	83	108	A		2
Skye 5	✓	✓	5.0	86	25	0.06	57	95	A+	✓	5
Skye 7	✓	✓	7.0	80	22	0.05	69	100	A+	✓	5
Haven	✓		6.6	90	9	0.04	33	103	A+	✓*	5*

*Application pending **Figures shown at 13% O₂



FREQUENTLY ASKED QUESTIONS

WHAT IS CLEARSKIES?

clearSkies is an independent emissions and energy performance certification mark for solid fuel stoves. **clearSkies** is a UK-wide programme to help **lower** emissions and **improve** air quality. It builds on Ecodesign which came into force on 1st January 2022 by demonstrating a stove meets and exceeds the minimum standards.

WHAT IS A CLEARSKIES CERTIFIED STOVE?

clearSkies certified appliances meet the minimum performance level for Ecodesign regulations – the minimum legal requirement for an appliance manufactured in the UK from 1st January 2022. **clearSkies** stoves are sorted into 4 levels and the different levels allow you to identify how far beyond Ecodesign criteria they go in terms of reducing emissions and increasing efficiency. Most Charnwood products carry a level 5 certification which mean they are at least a 30% performance improvement on the minimum Ecodesign criteria, the highest level available.

WHAT ARE THE CLEARSKIES CERTIFICATION LEVELS?



Ecodesign compliant but not listed as Defra exempt



Ecodesign compliant and Defra exempt



15% improvement on Ecodesign and Defra exempt



15% improvement on level 4 and Defra exempt

WHAT ARE THE KEY DIFFERENCES BETWEEN NON COMPLIANT STOVE AND A CLEARSKIES STOVE?

clearSkies products have to meet a set of clean-burning criteria. Research has shown that an Ecodesign stove is at least 90% better than an open fire and 80-84% better than older stoves. Take a look at the table on the previous page; these figures are achieved by advanced air management. Charnwood have developed an ultra clean burning BLU technology that ensures more heat for less fuel while reducing smoke and emissions.

HOW WILL THE PERFORMANCE OF MY STOVE BE AFFECTED?

A **clearSkies** Charnwood BLU model will burn **less** fuel more efficiently with a **better** flame picture.

HOW DO I KNOW WHICH STOVES ARE CLEARSKIES CERTIFIED?

Charnwood's **clearSkies** certified models are listed on the previous page but also check the official list of **clearSkies** products at www.clearskiesmark.org

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