

ECODESIGN READY

Crystal Clear Burn Exceptional Efficiency Minimal Emissions



charnwood

charnwood S.

LEADING THE CHARGE IN *ultra clean-burn* STOVES

Charnwood are proud to have stoves certified in the inaugural 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 **clear**Skies 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 carbonneutral benefits of wood burning as we seek to control and reduce global CO_2 levels.



		MULTI-FUEL	NOMINAL OUTPUT (kW)	ENERGY EFFICIENCY (%)	EMISSIONS DATA***							ES
bly	MOOD				PARTICLES (mg/m ³)	EMISSION OF CO (%)	OGC (mg/m³)	NOX (mg/m³)	2022 SIA ECODESIGN READY	energy efficiency class	DEFRA EXEMPT	CLEARSKIES MARK
ECODESIGN REQUIREMENTS			авоче 75	below 40	below 0.12	below 120	below 200					
Cranmore 5	\checkmark		5.0	84	27	0.09	109	114	\checkmark	A+	\checkmark	5
Cranmore 7	\checkmark		7.0	82	22	0.08	60	109	\checkmark	A+	\checkmark	5
Aire 3	\checkmark		3.6	86	25	0.07	76	103	\checkmark	A+	**	5
Aire 5	\checkmark		5.0	84	27	0.09	109	114	\checkmark	A+	\checkmark	5
Aire 7	\checkmark		7.0	82	22	0.08	60	109	\checkmark	A+	\checkmark	5
Arc 5	\checkmark	\checkmark	5.0	81	29	0.08	85	115	\checkmark	A+	\checkmark	5
Arc 7	\checkmark	\checkmark	7.0	81	24	0.07	97	99	\checkmark	A+	\checkmark	5
Bay BX	\checkmark		5.0	81	12	0.10	118	105	\checkmark	A+	\checkmark	5
Bay VL	\checkmark		5.0	81	12	0.10	118	105	\checkmark	A+	\checkmark	5
Bembridge	\checkmark		5.0	82	30	0.06	90	130	\checkmark	A+	\checkmark	5
Country 4*	\checkmark		5.0	84	20	0.10	95	134	\checkmark	A+	\checkmark	5
C-Four*	\checkmark		4.8	82	16	0.08	87	92	\checkmark	A+	\checkmark	5
C-Four Insert	\checkmark	\checkmark	5.0	80	13	0.08	63	132	\checkmark	A+	\checkmark	5
C-Five*	\checkmark		5.0	82	30	0.06	90	130	\checkmark	A+	\checkmark	5
C-Six*	\checkmark		5.9	82	33	0.07	72	113	\checkmark	A+	\checkmark	5
C-Seven*	\checkmark		7.1	79	25	0.07	100	60	\checkmark	А	\checkmark	5
C-Eight*	\checkmark		8.0	81	30	0.07	96	118	\checkmark	A+	\checkmark	5
Cove 2*	\checkmark		8.0	77	15	0.10	92	112	\checkmark	А	\checkmark	4
Cove 3*	\checkmark		12.0	80	14	0.10	94	124	\checkmark	A+		2
All New Island I	\checkmark	\checkmark	5.0	85	9	0.09	51	92	\checkmark	A+	\checkmark	5
All New Island II	\checkmark	\checkmark	8.0	82	14	0.08	69	107	\checkmark	A+	\checkmark	5
Island III*	\checkmark		11.0	79	22	0.09	83	108	\checkmark	А		2
Skye 5	\checkmark	\checkmark	5.0	86	25	0.06	57	95	\checkmark	A+	\checkmark	5
Skye 7	\checkmark	\checkmark	7.0	80	22	0.05	69	100	\checkmark	A+	\checkmark	5





FREQUENTLY ASKED QUESTIONS

WHAT IS CLEARSKIES?

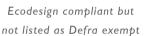
clearSkies is an independent emissions and energy performance certification mark for solid fuel stoves. *clearSkies* is a UK-wide programme to help **lower** emissions and **improve** air quality. It builds on Ecodesign which comes into force on 1st January 2022 by demonstrating a stove meets and exceeds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

WHAT IS A CLEARSKIES CERTIFIED STOVE?

*clear*Skies 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. *clear*Skies 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 minumum Ecodesign criteria, the highest level available.

WHAT ARE THE CLEARSKIES CERTIFICATION LEVELS?







Ecodesign compliant and Defra exempt



clearSkies 5

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?

*clear*Skies products have to meet a set of clean-burning criteria. Research has shown that an Ecodesign stove is at least 90% better than 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 *clear*Skies 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

charnwoodbishops way, newport, isle of wight poso 5ws, united kingdomtel. +44 (0) 1983 537777•WWW.CHARNWOOD.COM•@CHARNWOODSTOVES