

FLAMES *of the* FUTURE

Crystal Clear Burn
Exceptional Efficiency
Minimal Emissions



charnwood 

charnwood 

LEADING THE
CHARGE IN
ultra clean-burn
ECODESIGN
READY STOVES

Charnwood offer a wide range of Ecodesign Ready stoves featuring our revolutionary BLU technology that significantly reduces particle emissions while ensuring high efficiencies, easy and controllable operation with a superior flame picture.

All of our BLU technology products are at least a 20% improvement on the Ecodesign requirements and some are over a 45% improvement on these limits which become mandatory from 2022. This is in addition to the carbon-neutral benefits of wood burning as we seek to control and reduce global CO₂ levels.

We proudly display the SIA Ecodesign Ready label, which is the UK's only independently verified Ecodesign scheme. You can be confident that by buying a Charnwood stove you are responsibly playing your part in helping to both improve air quality and reduce our overall carbon dioxide emissions.





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

*BLU version **application pending ***Figures shown at 13% O₂

IMPROVEMENT ON ECODESIGN REQUIREMENTS: +20% +30% +40%



FREQUENTLY ASKED QUESTIONS



WHAT IS ECODESIGN AND WHEN IS IT COMING INTO FORCE?

Ecodesign is a new European-wide programme to help **lower** emissions and **improve** air quality launching 1st January 2022 across the UK and Europe. All products manufactured after **1st January 2022** will have to comply to Ecodesign regulations.

WHAT ARE SIA ECODESIGN READY STOVES?

Charnwood and some of the key manufacturers within the SIA (Stove Industry Alliance) have risen to the challenge of Ecodesign and have designed a number of stoves that meet the Ecodesign criteria now. These stoves carry the 'SIA Ecodesign Ready' label and all have been independently verified by HETAS.

IS IT REALLY GOING TO HAPPEN ESPECIALLY IN LIGHT OF BREXIT?

Yes it will happen. While this is European legislation all EU laws are being incorporated into UK law via the 'EU Withdrawal Bill'.

WHAT ARE THE KEY DIFFERENCES BETWEEN NON COMPLIANT STOVES AND ECODESIGN READY STOVES?

Ecodesign products have to meet a set of clean-burning criteria. These are 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. We exceed the new Ecodesign levels **now** by at least 20%.

HOW WILL THE PERFORMANCE OF MY STOVE BE AFFECTED?

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

HOW DO I KNOW WHICH STOVES QUALIFY FOR ECODESIGN?

Charnwood's BLU models are listed on the previous page but also check the official list of SIA Ecodesign Ready products which is independently verified. www.hetas.co.uk/ecodesign-ready

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