

**Declaration of performance according to
Regulation (EU) 305/2011**

Information according to (EU) 305/2011		Registration by the manufacturer	
Unique identification code of the product type		Carl 120	
Intended use(s)		Space heating in residential buildings	
Manufacturer / trade mark		Westbo of Sweden AB Industrigatan 8, 333 75 Reftele SWEDEN	
E-Mail		info@westbo.net	
Authorised representative		Westbo of Sweden AB Industrigatan 8, 333 75 Reftele SWEDEN	
E-Mail		info@westbo.net	
System(s) of assessment and verification of constancy of performance of the construction product		System 3	
The notified test laboratory has performed the initial test according to system 3. Notified body(ies)	NB-1625	Rhein-Ruhr Feuerstätten Prüfstelle GmbH Im Lipperfeld 34b, 46047 Oberhausen, DEUTSCHLAND	
	Test report number	RRF – 40 21 5758	
Harmonised technical specifications		EN 16510-2-1:2022	
Essential characteristics			
Mechanical resistance and stability			
Load bearing capacity		80 kg	
Safety in case of fire			
Protection of combustible materials	Minimum distance to combustible materials – bottom dB = 0 mm		
	Minimum distance to combustible materials – floor in front dF = 700 mm		
	Minimum distance to combustible materials – ceiling dC = 750 mm		
	Minimum distance to combustible materials – rear dR = 250, 350 mm		
	Minimum distance to combustible materials – side dS = 350 mm		
	Minimum distance to combustible materials – side radiation area dL = 700 mm		
	Minimum distance to adjacent combustible materials – front radiation area dP = 1000 mm		
	Material type and thickness of the protective insulation material s = 0 mm		
	Hygiene, health and environment		
	<i>Emissions at nominal heat output</i>		
	Carbon monoxide (CO)		1500 mg/m ³
	Nitrogen oxides (NOx)		200 mg/m ³
	Organic gaseous carbon (OGC)		120 mg/m ³

Particulate matter (PM)	40	mg/m ³
Emissions at part load heat output		
Carbon monoxide (CO)	NPD	mg/m ³
Nitrogen oxides (NOx)	NPD	mg/m ³
Organic gaseous carbon (OGC)	NPD	mg/m ³
Particulate matter (PM)	NPD	mg/m ³
Information according to (EU) 305/2011	Registration by the manufacturer	
Safety and accessibility in use		
Data for installation to a chimney at nominal heat output		
Flue gas outlet temperature	247	°C
Minimum flue draught	12	Pa
Flue gas mass flow	5,7	g/s
Data for installation to a chimney at part load heat output		
Flue gas outlet temperature	NPD	°C
Minimum flue draught	NPD	Pa
Flue gas mass flow	NPD	g/s
Data for installation to a chimney regarding fire safety on safety test heat output		
Fire safety of installation to the chimney	T400 - G	
Energy economy and heat retention		
Appliance's thermal output and energy efficiency at nominal heat output		
Space heat output	5,7	kW
Water heat output	NPD	kW
Efficiency	83	%
Appliance's thermal output and energy efficiency at part load heat output		
Space heat output	NPD	kW
Water heat output	NPD	kW
Efficiency	NPD	%
Space heating efficiency	65	%
Seasonal space heating efficiency at nominal heat output		
Energy Efficiency	Energy Efficiency Index (EEI)	110
	Energy efficiency class	A+
Electric power consumption at nominal heat output	NPD	kW
Electric power consumption at part load heat output	NPD	kW
Power consumption in standby mode	NPD	kW
Sustainable use of natural resources		
Environmental sustainability	NPD	
The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.		

Signed on behalf of the manufacturer

Mattias Gunnarsson, CEO
Westbo of Sweden AB
2026-02-18

