

**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		Nobel 90	
Intended use(s)		Space heating in residential buildings	
Manufacturer / trade mark		Westbo of Sweden AB Industrigatan 8, 333 75 Reftele SWEDEN	
E-Mail		<a href="mailto:info@westbo.net">info@westbo.net</a>	
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 19 3772-2	
Harmonised technical specifications		EN 16510-2-1:2022	
<b>Essential characteristics</b>			
<b>Mechanical resistance and stability</b>			
Load bearing capacity		80 kg	
<b>Safety in case of fire</b>			
Protection of combustible materials		Minimum distance to combustible materials – bottom	
		dB = 0 mm	
		Minimum distance to combustible materials – floor in front	
		dF = 560 mm	
		Minimum distance to combustible materials – ceiling	
		dC = 750 mm	
		Minimum distance to combustible materials – rear	
		dR = 150 mm	
		Minimum distance to combustible materials – side	
		ds = 450 mm	
		Minimum distance to combustible materials – side radiation area	
		dL = 560 mm	
		Minimum distance to adjacent combustible materials – front radiation area	
dP = 800 mm			
Material type and thickness of the protective insulation material		s = 0 mm	
<b>Hygiene, health and environment</b>			
<i>Emissions at nominal heat output</i>			
Carbon monoxide (CO)		1500 mg/m <sup>3</sup>	
Nitrogen oxides (NO <sub>x</sub> )		200 mg/m <sup>3</sup>	
Organic gaseous carbon (OGC)		120 mg/m <sup>3</sup>	

Particulate matter (PM)	40	mg/m <sup>3</sup>
<i>Emissions at part load heat output</i>		
Carbon monoxide (CO)	NPD	mg/m <sup>3</sup>
Nitrogen oxides (NO <sub>x</sub> )	NPD	mg/m <sup>3</sup>
Organic gaseous carbon (OGC)	NPD	mg/m <sup>3</sup>
Particulate matter (PM)	NPD	mg/m <sup>3</sup>
<b>Information according to (EU) 305/2011</b>	<b>Registration by the manufacturer</b>	
<b>Safety and accessibility in use</b>		
<i>Data for installation to a chimney at nominal heat output</i>		
Flue gas outlet temperature	294	°C
Minimum flue draught	12	Pa
Flue gas mass flow	4,2	g/s
<i>Data for installation to a chimney at part load heat output</i>		
Flue gas outlet temperature	NPD	°C
Minimum flue draught	NPD	Pa
Flue gas mass flow	NPD	g/s
<i>Data for installation to a chimney regarding fire safety on safety test heat output</i>		
Fire safety of installation to the chimney	T400 - G	
<b>Energy economy and heat retention</b>		
<i>Appliance's thermal output and energy efficiency at nominal heat output</i>		
Space heat output	4,5	kW
Water heat output	NPD	kW
Efficiency	81	%
<i>Appliance's thermal output and energy efficiency at part load heat output</i>		
Space heat output	NPD	kW
Water heat output	NPD	kW
Efficiency	NPD	%
<i>Space heating efficiency</i>		
	65	%
Seasonal space heating efficiency at nominal heat output		
Energy Efficiency	Energy Efficiency Index (EEI)	107
	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
<b>Sustainable use of natural resources</b>		
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

