



# DECLARATION OF PERFORMANCE

NO. 90179601 CPR-20250602		
1.	Unique identification code of the product type	Scan 79 Zensoric
2.	Intended use(s)	Space heating in residential buildings Solid fuel burning appliances Without hot water supply
3.	Manufacturer / trade mark	Scan A/S Damsbovej 1 DK - 5492 Vissenbjerg
4.	Authorised representative	-
5.	System(s) of assessment and verification of constancy of performance of the construction product	System 3
6.	The notified test laboratory has performed the initial test according to system 3 Notified body	NB No 1235 (DTI) 300-ELAB-2727-EN
7.	Harmonised technical specifications	EN 16510-1:2022, EN 16510-2-1:2022
8.	Essential characteristics	
	Mechanical resistance and stability	
	Load bearing capacity	120 kg
	Safety in case of fire	
	Minimum distance to combustible materials - below the bottom (not regarding feet)	$d_B = 0 \text{ mm}$
	Minimum distance to combustible materials - front to the bottom front radiation area	$d_F = 0 \text{ mm}$
	Minimum distance to combustible materials - ceiling	$d_C = 750 \text{ mm}$
	Minimum distance to combustible materials - rear	$d_R = 200^* \text{ mm}$
	Minimum distance to combustible materials - side	$d_S = 450 \text{ mm}$
	Minimum distance to combustible materials - front to the side front radiation area	$d_L = 0 \text{ mm}$
	Minimum distance to adjacent combustible materials (e.g. furniture)	$d_P = 1050 \text{ mm}$
	Hygiene, health and environment	
	Emissions at nominal heat output	
	Carbon monoxide emission (CO)	522 mg/Nm <sup>3</sup>
	Nitrogen oxides emission (NO <sub>x</sub> )	88 mg/Nm <sup>3</sup>
	Emission of organic gaseous carbon (OGC)	35 mg/Nm <sup>3</sup>
	Particulate matter emissions (PM)	13 mg/Nm <sup>3</sup>
	Emissions at part load heat output	
	Carbon monoxide emission (CO)	1499 mg/Nm <sup>3</sup>
	Nitrogen oxides emission (NO <sub>x</sub> )	99 mg/Nm <sup>3</sup>
	Emission of organic gaseous carbon (OGC)	76 mg/Nm <sup>3</sup>
	Particulate matter emissions (PM)	14 mg/Nm <sup>3</sup>

\* See manual for distance to insulated flue pipe



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<b>Safety and accessibility in use</b>		
<b>Data for installation to a chimney at nominal heat output</b>		
Flue gas outlet temperature		338 °C
Minimum flue draught		12 Pa
Flue gas mass flow		4.8 g/s
<b>Data for installation to a chimney at part load heat output</b>		
Flue gas outlet temperature		310 °C
Minimum flue draught		6 Pa
Flue gas mass flow		4.2 g/s
<b>Data for installation to a chimney regarding fire safety on safety test heat output</b>		
Fire safety of installation to the chimney		T400 G
<b>Energy economy and heat retention</b>		
<b>Appliance's thermal output and energy efficiency at nominal heat output</b>		
Space heat output		5.8 kW
Water heat output (if available)		NPD
Efficiency		81 %
<b>Appliance's thermal output and energy efficiency at part load heat output</b>		
Space heat output		4.2 kW
Water heat output (if available)		NPD
Efficiency		79 %
<b>Space heating efficiency</b>		
Seasonal space heating efficiency at nominal heat output		71 %
Energy Efficiency	Energy Efficiency Index (EEI)	107
	Energy Efficiency Class	A+
Electric power consumption at appliance's nominal heat output (if available)		NPD
Electric power consumption at appliance's part load heat output (if available)		NPD
Power consumption in standby mode (if available)		NPD
<b>Sustainable use of natural resources</b>		
Environmental sustainability		NPD
9.	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.	

„NPD“ (No Performance Determined), if no quality is stated

<b>Signed on behalf of the manufacturer</b>	
Place and date of issue	Vissenbjerg, Denmark
	02.06.2025
  Brian Steen Ørum (CEO)	