

DECLARATION OF PERFORMANCE

Regulation (EU) 305/2011

No. CPR-09-S81-90-25

1.	Unique identification code of product type:	S81-90 Morsø S81-90
2.	Intended use or uses of the construction product, in accordance with the applicable technical specification:	Roomheater burning solid fuel without hot water supply
3.	Name and contact address of the manufacturer:	Morsø Jernstøberi A/S, Furvej 6, 7900 Nykøbing Mors, Denmark
4.	Where applicable, name and contact address of authorized representative:	Not applicable
5.	System of assessment and verification of constancy of performance of the construction product:	System 3
6.	Notified body relevant to the assessment and verification of constancy of performance:	Danish Technological Institute Notified body No. 1235 Test report number: 300-ELAB-1604-EN DVR Morsø S81-90
7.	Harmonised technical specifications	EN 16510-1:2022 / EN 16510-2:2022
8.	Essential characteristics	
	Mechanical resistance and stability	
	Load bearing capacity	120 kg
	Safety in case of fire	
	Protection of combustible materials	Minimum distance to combustible materials – bottom $d_B = 150$ mm
		Minimum distance to combustible materials - floor in front $d_F = 0$ mm
		Minimum distance to combustible materials – ceiling $d_C = 750$ mm
		Minimum distance to combustible materials – rear $d_R = -$ mm
		Minimum distance to combustible materials – side $d_S = 225$ mm
		Minimum distance to combustible materials - side radiation area $d_L = -$ mm
		Minimum distance to adjacent combustible materials (e.g. furniture) – front $d_P = 700$ mm
		Material type and thickness of the protective insulation material: NPD

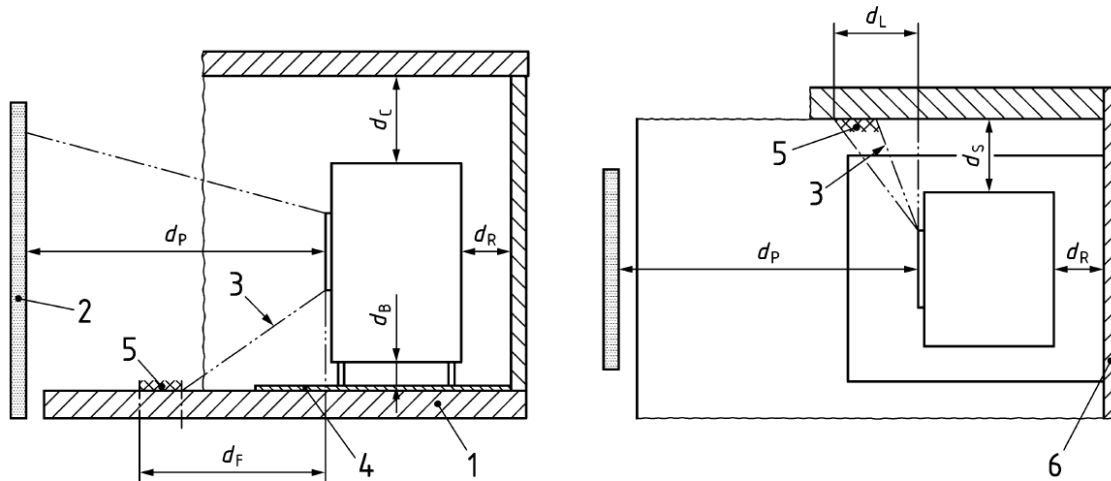


Diagram Key

1	Trihedron floor
2	Trihedron – like front plate
3	Radiation area
4	Floor protection plate
5	Critical area (65 K superseded due to radiation)
6	Trihedron walls

Clearances

d_C	Clearance to ceiling
d_P	Clearance to front (furniture)
d_F	Clearance to floor in front
d_B	Clearance to bottom
d_L	Clearance to side radiation area
d_S	Clearance to sidewall
d_R	Clearance to backwall

Note:

Hygiene, health and environment	
Emissions at nominal heat output at 13% O ₂	
Carbon monoxide emission (CO)	638 mg/m ³
Nitrogen oxides emission (NO _x)	141 mg/m ³
Emission of organic gaseous carbon (OGC)	54 mg/m ³
Particulate matter emissions (PM)	12 mg/m ³
Emissions at part load heat output at 13% O ₂	
Carbon monoxide emission (CO)	- mg/m ³
Nitrogen oxides emission (NO _x)	- mg/m ³
Emission of organic gaseous carbon (OGC)	- mg/m ³
Particulate matter emissions (PM)	- mg/m ³
Safety and accessibility in use	
Data for a chimney installation at nominal heat output	
Flue gas outlet temperature	184 °C
Minimum flue draught	11 Pa
Flue gas mass flow	4,1 g/s
Data for chimney installation at part load heat output	
Flue gas outlet temperature	- °C
Minimum flue draught	- Pa
Flue gas mass flow	- g/s
Data for a chimney installation 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	4,3 kW
Water heat output, if applicable	- kW
Efficiency	88 %
Appliance's thermal output and energy efficiency at part load heat output	
Space heat output	- kW
Water heat output, if applicable	- kW
Efficiency	- %

	Space heating efficiency	
	Seasonal space heating efficiency at nominal heat output	78 %
	Energy Efficiency at nominal heat output	Energy Efficiency Index (EEI): 118
		Energy efficiency class: A+
	Electric power consumption at appliance's nominal heat output (if available)	0.00 kW
	Electric power consumption at appliance's part load heat output (if available)	0.00 kW
	Power consumption in standby mode (if available)	0,00 kW
	Sustainable use of natural resources	
	Environmental sustainability	NPD
9.	Declaration. The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.	

Nykøbing Mors, August 14, 2025



Peter Normann Nielsen
Managing Director