By appointment to The Royal Danish Court

morsø

DECLARATION OF PERFORMANCE

Regulation (EU) 305/2011

No. CPR-04-6100_6800-25

1.	Unique identification code of product type:	6143 Morsø 6100 serie, Morsø 6800 serie
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-2711-EN
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 = 0 mm
		Minimum distance to combustible materials - floor in front d_F = 0 mm
		Minimum distance to combustible materials – ceiling d_C = 600 mm
		Minimum distance to combustible materials – rear d_R = 50 mm
		Minimum distance to combustible materials – side d_S = 300 mm
		Minimum distance to combustible materials - side radiation area d_L = 0 mm
		Minimum distance to adjacent combustible materials (e.g. furniture) – front d_P = 800 mm
		Material type and thickness of the protective insulation material: NPD

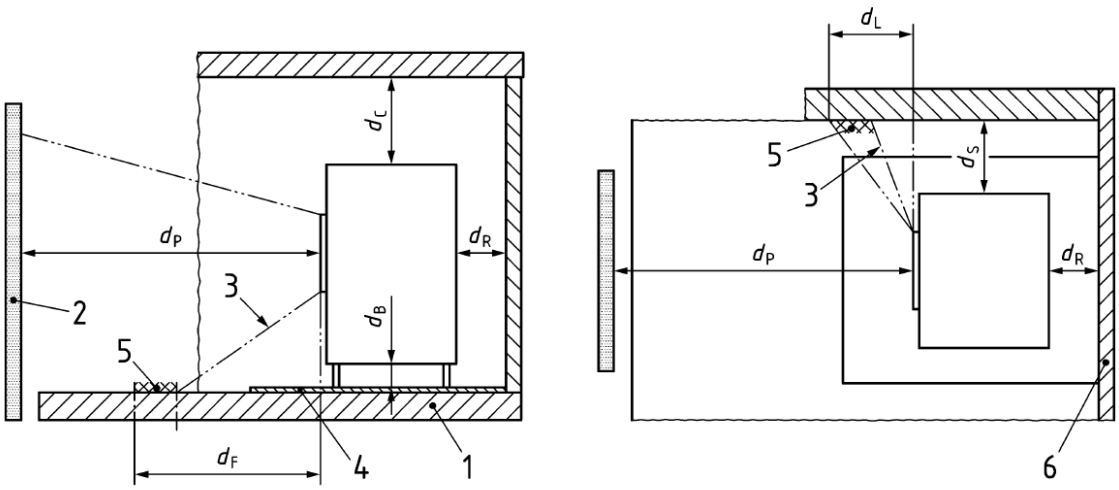


Diagram Key

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5	Critical area (65 K superseded due to radiation)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% O2	
	Carbon monoxide emission (CO)	452 mg/m^3
	Nitrogen oxides emission (NOx)	98 mg/m^3
	Emission of organic gaseous carbon (OGC)	34 mg/m^3
	Particulate matter emissions (PM)	13 mg/m^3
	Emissions at part load heat output at 13% O2	
	Carbon monoxide emission (CO)	847 mg/m^3
	Nitrogen oxides emission (NOx)	97 mg/m^3
	Emission of organic gaseous carbon (OGC)	57 mg/m^3
	Particulate matter emissions (PM)	11 mg/m^3
	Safety and accessibility in use	
	Data for a chimney installation at nominal heat output	
	Flue gas outlet temperature	372 °C
	Minimum flue draught	12 Pa
	Flue gas mass flow	5,2 g/s
	Data for chimney installation at part load heat output	
	Flue gas outlet temperature	321 °C
	Minimum flue draught	6,0 Pa
	Flue gas mass flow	3,7 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	5,8 kW
	Water heat output, if applicable	- kW
	Efficiency	79 %
	Appliance's thermal output and energy efficiency at part load heat output	
	Space heat output	4,3 kW
	Water heat output, if applicable	- kW
	Efficiency	81 %

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	Space heating efficiency	
	Seasonal space heating efficiency at nominal heat output	69 %
	Energy Efficiency at nominal heat output	Energy Efficiency Index (EEI): 105
		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

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Peter Normann Nielsen
Managing Director