Declaration of Performance (DoP)

Jupiter 500-850 with fixed glass 1 side

DoP number: DoP-2174-2025-10

1. EUnique identification code of the product type	Jupiter 500-850 with fixed glass 1 side fireplace insert for solid fuel burning, without connection to a hot water system. Item no. M500-850FG
2. Intended use:	Room heating appliance for residential buildings
3. Manufacturer's name and address:	Meteor A/S, Drejervej 1, DK-7451 Sunds, Tlf.: +45 97 14 13 33, E-mail: mail@meteor.dk
4. Authorised representative:	-
5. System of assessment and verification of constancy of performance:	System 3
6. Notified body / test reference:	Danish Technological Institute (DTI) #1235 AoP1235-CPR-ELAB-2174
7. Harmonised standard:	EN 16510-1:2022 / EN 16510-2-2:2022

8. Declared performance

Characteristic		Declared performance
Mechanical strength:	Load-bearing capacity not relevant for fireplace insert	
Distance to combustible materials:	bottom edge of door (dB)	300 mm
	floor in front (dF)	650 mm
	ceiling (dC)	400 mm
	side (dS)	400 mm
	side within radiation area (dL)	700 mm
	furniture (dP)	1300 mm
	furniture, side glass (dP)	650 mm
	rear (dR)	0 mm

See detailed sketches in the Installation and Operating Manual

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Characteristic		Declared performance
Emissions (nominal operation):	CO (13 % O_2)	≤ 1500 mg/Nm³
	NOX (13 % O_2)	≤ 200 mg/Nm³
	OGC (13 % O_2)	≤ 120 mg/Nm³
	PM (13 % O_2)	≤ 40 mg/Nm³
Flue gas data (nominal operation):	flue gas temperature	340°C
	draft	12 Pa
	flue gas mass flow	7,1 g/s
Efficiency (nominal operation):	room heating	6 kW
	water	n/A
	efficiency	75 %
Seasonal efficiency:		65 %
Energy Efficiency Index (EEI):	EEI	99
	Class	A

9. Declaration of conformity:

The product complies with the declared performance.

This declaration is issued under the sole responsibility of the manufacturer in accordance with Regulation (EU) No. 305/2011

Signed for and on behalf of the manufacturer by:

Povlsen, Director *(name and title)*

Sunds 01.11.2025 *(place and date)*

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signature

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