

Certificate of constancy of performance

0761-CPR-0235

Z-3/710/3 (no. of agreement)

iBMB **MPA**
TU BRAUNSCHWEIG

Institut für Baustoffe,
Massivbau und Brandschutz

Materialprüfanstalt
für das Bauwesen

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Product Regulation or CPR), this certificate applies to the

construction product

Powered smoke and heat exhaust ventilators
Radial Smoke Exhaust Ventilator, Type CGF 500
Diameter: 500 mm
class according to EN 13501-4:2007+A1:2009: F₂₀₀ 120

produced by or for

NOVENCO Building & Industry A/S
Industrivej 22
4700 Næstved
Denmark

in the manufacturing plant

Næstved (Denmark).

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 12101-3:2015

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate has an annex with two pages. It was first issued on 2012-06-08. The validity begins on 2022-07-21 and will remain valid until 2027-07-20, as neither the harmonised standard, the construction product, the AVCP method nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the product certification body.

Braunschweig, 2022-07-21


Dr.-Ing. S. Lehmann
(Head of certification body)



Additional information on Radial Smoke Exhaust Ventilator, Type CGF 500

Mechanically driven exhaust appliances for smoke and heat (fans), smoke removal ventilator				
Classification				Basis
	Class	Temperature (°C)	Time (min)	
<input checked="" type="checkbox"/>	F ₂₀₀	200	120	3673/858/12
<input type="checkbox"/>	F ₃₀₀			
<input type="checkbox"/>	F ₄₀₀			
<input type="checkbox"/>	F ₆₀₀			
<input type="checkbox"/>	F ₈₄₂			
Free classification for purely informative purposes				Basis
<input type="checkbox"/>	F _{f250}			
<input type="checkbox"/>	F _{f300}			
<input type="checkbox"/>	F _{f600}			
Position of the removal ventilator and thermal insulation, if applicable				Basis
<input type="checkbox"/>	Outside of the building without thermal insulation			
<input type="checkbox"/>	Outside of the building with thermal insulation			
<input checked="" type="checkbox"/>	Inside the building, outside of the smoke compartment, without thermal insulation			3673/858/12
<input type="checkbox"/>	Inside the building, outside of the smoke compartment, with thermal insulation			
<input checked="" type="checkbox"/>	In the smoke compartment			3673/858/12
Installation				Basis
<input type="checkbox"/>	Fan upright, motor shaft horizontal			
<input type="checkbox"/>	Fan parallel to the wall, motor shaft horizontal			
<input type="checkbox"/>	Fan perpendicular to the wall, motor shaft horizontal			
<input type="checkbox"/>	Fan hanging, motor shaft horizontal			
<input type="checkbox"/>	Fan upright, motor shaft vertical			
<input type="checkbox"/>	Fan parallel to the wall, motor shaft vertical			
<input type="checkbox"/>	Fan perpendicular to the wall, motor shaft vertical			
<input checked="" type="checkbox"/>	Fan hanging, motor shaft vertical			3673/858/12
<input type="checkbox"/>	Motor shaft vertical, impeller under motor			
<input type="checkbox"/>	Motor shaft vertical, impeller above motor			
<input type="checkbox"/>	Motor upstream			
<input type="checkbox"/>	Motor downstream			

