

Certificate of constancy of performance

0761-CPR-0132

Z-3/710/03 (no. of agreement)

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
Axial smoke exhaust ventilator, type ARN (R05)
Diameter: 900 mm ... 1,600 mm
class according to EN 13501-4:2016: F₄₀₀ 120

produced by or for

NOVENCO Building & Industry A/S
Oeverup Erhvervsvej 50-52
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. This certificate was issued 2025-12-08 and will remain valid until 2030-12-07, 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product, the AVCP method nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the product certification body.
The certificate was first issued on 2010-02-01.

Braunschweig

Dipl.-Ing. Petra Aeissen
(Deputy Head of certification body)

Annex of Certificate of constancy of performance

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Annex 1 of 2

Additional information on Axial smoke exhaust ventilator, type ARN (R05)

Mechanically driven exhaust appliances for smoke and heat (fans), smoke removal ventilator				
Classification				Basis
	Class	Temperature (°C)	Time (min)	
☒	F ₂₀₀	200	120	see below
☒	F ₃₀₀	300	60	see below
☒	F ₄₀₀	400	120	see below
☐	F ₆₀₀			
☐	F ₈₄₂			
Free classification for purely informative purposes				Basis
☒	F _{f250}	250	120	see below
☒	F _{f300}	300	120	see below
☐	F _{f600}			
Position of the ventilator and thermal insulation, if applicable				Basis
☒	Outside of the building without thermal insulation			see below
☐	Outside of the building with thermal insulation			
☒	Inside the building, outside of the smoke compartment, without thermal insulation			see below
☐	Inside the building, outside of the smoke compartment, with thermal insulation			
☒	In the smoke compartment			see below
Installation				Basis
☒	Fan upright, motor shaft horizontal			see below
☒	Fan parallel to the wall, motor shaft horizontal			see below
☒	Fan perpendicular to the wall, motor shaft horizontal			see below
☒	Fan hanging, motor shaft horizontal			see below
☒	Fan upright, motor shaft vertical			see below
☒	Fan parallel to the wall, motor shaft vertical			see below
☒	Fan perpendicular to the wall, motor shaft vertical			see below
☒	Fan hanging, motor shaft vertical			see below
☐	Motor shaft vertical, impeller under motor			
☐	Motor shaft vertical, impeller above motor			
☐	Motor upstream			
☐	Motor downstream			

----- End of the certificate of constancy of performance -----