Certificate of constancy of performance

0761-CPR-0234

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



Institut für Baustoffe, Massivbau und Brandschutz

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: F₃₀₀ 60

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product, the AVCP method nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the product certification body.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





Annex of Certificate of constancy of performance 0761-CPR-0234 Annex 1 of 2



Institut für Baustoffe, Massivbau und Brandschutz

Additional information on Radial Smoke Exhaust Ventilator, Type CGF 500

Mar			(fans), smoke removal ventilato	or .
	sification	diffes for strioke and fleat	(1atis), sitione retitional vertiliate	
Clas		T (0C)	Time a (main)	Basis
	Class	Temperature (°C)	Time (min)	
	F ₂₀₀			2672 (050 (42
	F ₃₀₀	300	60	3673/858/12
	F ₄₀₀			
	F ₆₀₀			
	F ₈₄₂			
Free	classification for purely inform	native purposes		Basis
	F _{f250}			
\boxtimes	F _{f300}	300	120	3673/858/12
	F _{f600}			
Posi	tion of the removal ventilator	and thermal insulation, if a	pplicable	Basis
	Outside of the building with	out thermal insulation		
	Outside of the building with	thermal insulation		
\boxtimes	Inside the building, outside of	of the smoke compartmen	t, without thermal insulation	3673/858/12
	Inside the building, outside	of the smoke compartmen	t, with thermal insulation	
\boxtimes	In the smoke compartment			3673/858/12
Inst	allation			Basis
	Fan upright, motor shaft hor	izontal		
	Fan parallel to the wall, moto	r shaft horizontal		
	Fan perpendicular to the wal	l, motor shaft horizontal		
	Fan hanging, motor shaft ho	rizontal		
	Fan upright, motor shaft vert	ical		
	Fan parallel to the wall, moto	r shaft vertical		
	Fan perpendicular to the wal	l, motor shaft vertical		
\boxtimes	Fan hanging, motor shaft ver	tical		3673/858/12
	Motor shaft vertical, impeller	under motor		
	Motor shaft vertical, impeller			
	Motor upstream			
	Motor downstream			

Annex of Certificate of constancy of performance 0761-CPR-0234

Annex 2 of 2



Institut für Baustoffe, Massivbau und Brandschutz

Flex	lexible connectors		
	Flexible inlet duct on the inlet side		
	Flexible inlet duct on the outlet side		
	Flexible inlet duct on the inlet and outlet side		
	Flexible inlet duct for the cooling air connection		
Coo	Cooling air		
	The minimum cooling air volume flow rate $C_{Air,\theta}$ depends on the fan's nominal size and nominal power (see operating manual). Maximum cooling air temperature $\theta = 40 ^{\circ}\text{C}$		
Star	rarting		
	AA oder MA (automatic or manual)		
Sno	ow load, wind load		
	Opening under wind load in a defined period of time		
	Opening under snow load in a defined period of time		
Acce	essories	Basis	
	Bellmouth		
	Mounting brackets		
	Variable Frequency Drive		
	Terminal box		
Appl	ication classes	Basis	
	Dual purpose, Ventilation and Smoke extraction	3673/858/12	
	Variable Speed Drive		
Basis: est r	eport no. 3673/858/12 - C5.1/C5.2-MPA BS of 2012-06-05		

- End of the certificate of constancy of performance -