

EU Declaration of performance

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| <p>1. Unique identification code of the product types
NOVENCO® NovAx™ ACN 400 - 1600</p> <p>3. Manufacturer
NOVENCO Building & Industry A/S,
Oeverup Erhvervsvej 50-52, DK-4700 Naestved</p> <p>5. Systems of assessment and verification of constancy of performance
System 1</p> | <p>2. Intended use
Machine for smoke and heat extraction,
axial extraction fan</p> <p>4. Authorised representative
Technical director, Mr Peter Holt
NOVENCO Building & Industry A/S,
Oeverup Erhvervsvej 50-52, DK-4700 Naestved</p> <p>6. Harmonised standards

EN 12100:2011; EN 12101-3:2015; EN 12101-6:2005;
EN 13501-4:2016; EN 13857:2019;
EN 60204-1:2018+A1:2020; EN 61800-3:2005+A1:2012, class C2</p> |
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Notified body

ID no. 0761, iBMB MPA TU Braunschweig,
Beethovenstr. 52, D-38106 Braunschweig

7. Declared performance

Main features	Performance	Harmonised technical specifications
Effectiveness of smoke / hot gas discharge	Temperature class, see below	EN 12101-3:2015; EN 13501-4:2016

Product	Temperature-time-classification			Setups					Arrangements								
	F400 120 min.	F300 60 min. + Free classification Ff300 120 min.	F200 120 min.	Outside building without thermal insulation	Outside building with thermal insulation	Inside building, outside smoke compartment, without thermal insulation	Inside building, outside smoke compartment, with thermal insulation	In smoke compartment	Fan upright, motor shaft horz.	Fan par. to wall, motor shaft horz.	Fan perp. to wall, motor shaft horz.	Fan hanging, motor shaft horz.	Fan upright, motor shaft ver.	Fan par. to wall, motor shaft ver.	Fan perp. to wall, motor shaft ver.	Fan hanging, motor shaft ver.	Dual purpose, ventilation and smoke extraction
ACN 400 – 1600, 400 V, 50 Hz																	
WEG	0761-CPR-0126	0761-CPR-0125	0761-CPR-0116	x		x		x	x	x	x	x	x	x	x	x	x
Leroy-Somer	NPD	0761-CPR-0079	0761-CPR-0080	x		x		x	x	x	x	x	x	x	x	x	x
Loher	0761-CPR-0038	NPD	NPD	x		x		x	x	x	x	x	x	x	x	x	x

8. Appropriate technical documentation and/or specific technical documentation

EU directives and regulations

Machinery directive 2006/42
EMC directive 2014/30
Low voltage directive 2014/35
Construction Products 305/2011

UK regulations

Supply of Machinery (safety) 2008
EMC 2016
Electrical Equipment (Safety) 2016
Construction Products 2013/1387

9. Compliance with EN 12101-6:2022 (not harmonised as of the release of this DoP)

The following fan was tested as a smoke control fan at 300 °C for two hours with variable speed during operation in accordance with Annex C, par. C1.3 to C1.5 of the standard.

Fan type	øD [mm]	Nom. speed [RPM]	Nom. freq. [Hz]	Test freq. range [Hz]	Speed range [RPM]
ACN 630/330	630	2,940	50	5 – 57	294 – 3,374

In accordance with the standard and before the high temperature test, the fan was subjected to a general cycle test with more than 10,000 cycles.

Allowed range of fans, based on the criteria in EN 12101-3:2015, Annex A.

Fan type	øD [mm]	Min. fan speed [RPM]	Max. fan speed [RPM]
ACN 500/*	500	294	3,374
ACN 560/*	560		3,374
ACN 630/*	630		3,374
ACN 710/230	710		3,275
ACN 710/280			3,230
ACN 710/330			3,215
ACN 710/380			3,097
ACN 800/230	800		2,980
ACN 800/280			2,930
ACN 800/330			2,973
ACN 800/380			2,859

The performance of the products identified above conforms with the set of declared performances. This declaration of performance is in accordance with Regulation (EU) No 305/2011 and the amendment no. 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

Peter Holt
 Technical director
 Naestved, Denmark, 20th February 2026

