

Declaration of performance – MU16108 0621

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| <p>1. Unique identification code of the product types
 Novenco® NovAx™ ARN (R05) 900 - 1600</p> <p>3. Manufacturer
 Novenco Building & Industry A/S,
 Industrivej 22, 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 of R&D Mr Peter Holt
 Novenco Building & Industry A/S,
 Industrivej 22, DK-4700 Naestved</p> <p>6. Harmonised standards
 BS/DIN/DS/EN 12101-3:2015,
 BS/DIN/DS/EN 13501-4:2007 + A1:2009</p> <p>Notified body
 ID no. 0761, iBMB MPA TU Braunschweig,
 Beethovenstr. 52, D-38106 Braunschweig</p> |
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7. Declared performance

Main features	Performance	Harmonised technical specifications
Effectiveness of smoke / hot gas discharge	Temperature class, see below	BS/DIN/DS/EN 12101-3:2015, BS/DIN/DS/EN 13501-4:2007 + A1:2009

Product	Temperature-time-classification			Setup				Arrangement								
	F300 60 min.	F400 120 min.	F200 120 min.	Outside of the building without thermal insulation	Outside the building including thermal insulation	Inside the building but outside of the fire zone, without thermal insulation	Inside the building but outside of the fire zone including insulation	Inside the fire zone without thermal insulation	Horizontal axis, floor installation	Horizontal axis, wall mounted	Horizontal axis, ceiling suspension	Vertical axis, Δp upward	Vertical axis, Δp downward	Vertical axis, wall mounted	Vertical axis, ceiling suspension	Dual function device
ARN (R05) 900-1600, 400 V, 50 Hz	F300 60 min.	F400 120 min.	F200 120 min.	Outside of the building without thermal insulation	Outside the building including thermal insulation	Inside the building but outside of the fire zone, without thermal insulation	Inside the building but outside of the fire zone including insulation	Inside the fire zone without thermal insulation	Horizontal axis, floor installation	Horizontal axis, wall mounted	Horizontal axis, ceiling suspension	Vertical axis, Δp upward	Vertical axis, Δp downward	Vertical axis, wall mounted	Vertical axis, ceiling suspension	Dual function device
WEG	0761-CPR-0131	0761-CPR-0129	0761-CPR-0127	x	x	x	x	x	x	x	x	x	x	x	x	x
Leroy Somer	0761-CPR-0132	0761-CPR-0130	0761-CPR-0128	x	x	x	x	x	x	x	x					x

- 8. Appropriate technical documentation and/or specific technical documentation**
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|----------------------------------|---|
| EU directives | BS/DS/EN ISO 12100:2010,
BS/DS/EN ISO 13857:2019,
BS/DS/EN 60204-1:2018,
BS/DS/EN IEC 61800-3:2018, class C2 |
| Machinery directive 2006/42/EU | |
| EMC directive 2014/30/EU | |
| Low voltage directive 2014/35/EU | |

UK regulations
 Supply of Machinery (safety) 2008
 EMC 2016
 Electrical Equipment (Safety) 2016

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.

Peter Holt
 Technical director of R&D
 Naestved, Denmark, 15th June 2021

