



## Declaration of performance INOVA

### Declaration of performance NO. 0432-CPR-2013/INOVA

**Product: INOVA**

**Type: 780x780 through 2580x2280 (bxh)(depending on calculation program)**

Natural smoke and heat exhaust ventilators (NSHEV) intended to be installed in smoke and heat control systems in buildings

Manufacturer: Brakel Aluminium b.v.  
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System: **System 1**

Notified factory production control certification body No. 0432 MPA, Germany performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

MPA has distributed the following reports:

Definition	Reportnr
Certificate Inova	0432-CPD-210003447
Classification report	210003447-WB-KB
Heat exposure B300	210003447-WB
Aerodynamic (B)	1368 Report 1/2005
Reliability (C)	1368 Report 20/2005
	1368 Report 23/2005
Snowload (D)	1368 Report 21/2005
	1368 Report 24/2005
SL + T (D+E)	2011-Efectis-R0530
	2011-Efectis-R0530
Windload (F)	1368 Report 22/2005
	1368 Report 115/2004
	1368 Report 25/2005

Definition	Rapportnr
Factory control (FPC)	210004357-2012



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### Declared performance:

Essential characteristics	Performance	Harmonised technical specification
<b>Nominal activation conditions/ sensitivity, as:</b> -Initiation device -Opening mechanism -Inputs and outputs	Pass Pass Pass	<b>EN 12101-2: 2003</b>
<b>Response delay (response time), as:</b> -Reliability -Opening under (snow, wind) load -Low ambient temperature -Fire performance	≤ 60 s	
<b>Operational reliability, as:</b> -Reliability	Re 1000 DP*	
<b>Effectiveness of smoke/hot gas extraction, as:</b> -Aerodynamic free area	See report 1368 report 1/2005	
<b>Performance parameters under fire conditions, as:</b> -Resistance to heat -Mechanical stability -Reaction to fire	B30030 Pass E	
<b>Ability to open under environmental conditions, as:</b> -Opening under load -Low ambient temperature -Stability under wind load	SL 0 (only wall) T(-15) WL 3000 M(B)(FS) WL 5000 <2,43 m <sup>2</sup> P(B)(FS) WL1500 ≥2,43 m <sup>2</sup> P(B)(FS)	
-Resistance to wind-induced vibration (where included)	Pass	
<b>Durability</b>	Pass	

DP\* = Natural ventilation and Fire ventilation (10.000x + 1000x)

De performance of the Inova is in conformity with the declared performance here above.

This declaration of performance is issued under the sole responsibility of Brakel Aluminium and contains 2 pages:

Signed for and on behalf of Brakel Aluminium by:

M. Homminga, managing director Brakel Aluminium b.v.

Uden, 7-5-2013

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