



Declaration of Performance

Rectangular smoke control system; single compartment

Company:

Lindab Ventilation AB
Stålhögavägen 115
26982 Båstad
Sweden
Telephone +46 431 85000
www.Lindab.com

Intended use:

The system intended for single compartment smoke control and is a part of a smoke and fire protect system. The system is designed in order to reach following targets:

- Protecting escape ways during at least two hours
- Reducing temperatures during the fire
- Creating an non-smoked layer
- Protecting the property

This system represents a part of the smoke and fire protection project and shall be designed by a fire expert.

Product type/code:

Rectangular Smoke control system; single compartment
<1250x1000 mm E₆₀₀ 120 (v_e - h_o) S1500single
>1250x1000 and ≤1900x1700 mm E₆₀₀ 120 (h_o) S1500single

Manufacturers:

Lindab Kft, Állomás út 1/a, 2051 Biatorbágy, Hungary
Lindab s.r.l, Via Verga 82, 10036 Settimo Torinese, Torino, Italy
Lindab s.r.o, Na Hůrce 1081/6, 161 00 Praha 6 Ruzyne, Czech Republic
OY Lindab Ab, Kankitie 3, 40250 Jyväskylä, Finland
Lindab AS Tallinn, Saha-Loo tee 4A, 74206 Jõelähtme vald, Harjumaa, Estonia

Notified body:

Applus - LGAI Technological Center, S.A.
Campus UAB – Ronda de la Font del Carme, s/n
E-08193 Bellaterra (Barcelona)
Spain

**Verification system of the constancy of performance:**

System 1

Certificate of constancy of performance:

0370-CPR-2827

Declared performance:

Essential characteristic	Performance/ suitability	Performance value	Harmonized standard
Smoke control	Integrity (E)	120 minutes, 600°C	EN 12101-7:2011
Smoke control	Mechanical stability	Maintained	EN 12101-7:2011
Smoke control	Negative pressure	1500 Pa	EN 12101-7:2011
Smoke control	Positive pressure	500 Pa	EN 12101-7:2011
Smoke control	Leakage rate (S)	$\leq 5\text{m}^3/\text{h}\cdot\text{m}^2$	EN 12101-7:2011
Smoke control	Suitability	Single compartment	EN 12101-7:2011
Smoke control (<1250x1000 mm)	Mounting direction (v_e, h_o)	Horizontal and vertical	EN 12101-7:2011
Smoke control (>1250x1000 and $\leq 1900 \times 1700$ mm)	Mounting direction (h_o)	Horizontal	EN 12101-7:2011

This declaration of performance is issued under the sole responsibility of the manufacturer identified in this declaration.

Signed for and on behalf of the manufacturers by:

Karel Kleinmond
Group Operations Director

Grevie, Sweden, October 10, 2017