



## Declaration of Performance

### Circular smoke control system; single compartment

#### Company:

Lindab Ventilation AB  
Stålhögavägen 115  
26982 Båstad  
Sweden  
Telephone +46 431 85000  
[www.Lindab.com](http://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:

Circular Smoke control system; single compartment  
E<sub>600</sub> 120 (v<sub>e</sub> - h<sub>o</sub>) 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  
Oy Lindab Ab, Juvan teollisuuskatu 3, 02920 Espoo, 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-2828

**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	Mounting direction ( $v_e$ , $h_o$ )	Horizontal and vertical	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