



Declaration of Performance Rectangular smoke control system; Single Compartment

1. Product type	Rectangular Smoke control system; single compartment <1250x1000 mm – E600 120 (h _o -V _e) S 1500 Single >1250x1000 and ≤1900x1700 mm – E ₆₀₀ 120 (h _o) S 1500 single
2. Intended use/es	The system is intended for single compartment smoke control and is a part of a smoke and fire protection system. The system is designed in order to reach following targets: <ul style="list-style-type: none"> Protecting escape routes during fire for at least two hours Reducing temperatures during fire Creating an non-smoke layer Protecting the property This system represents a part of the smoke and fire protection project and shall be designed by a fire expert.
3. Manufacturers	Lindab Kft – Állomás út 1/a, 2051 Biatorbágy – Hungary Lindab s.r.l – Via Verga 82, 10036 Settimo Torinese – Italy Lindab s.r.l – 19/32300546 – Italy Lindab s.r.o – Na Hůrce 1081/6, 161 00 Praha 6 Ruzyně – Czech Republic OY Lindab AB – Kankitie 3, 40250 Jyväskylä – Finland Lindab AS – Saha-Loo tee 4A, 74206 Jõelähtme vald, Harjumaa – Estonia Lindab AG – Via Industria 31 CP.159-6934 Bioggio (Lugano-Ticino) - Switzerland
4. Authorised representative	Applus – LGAI Technological Center, S.A. Campus UAB – Ronda de la Font del Carme, s/n E-08193 Bellaterra (Barcelona) – Spain
5. System/s of AVCP	System 1
6a. Harmonised standard	EN 12101-7 – CE certificate (EN 1366-9 – Test standard) (EN 13501-4 – Classification standard)
6a. Notified body	Applus S.A.
6b. European Assessment Document	0370-CPR-2827
7. Declared performance/s	See table below.
8. Appropriate or specific Technical Documentation	N/A

7. Declared performance/s			
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	1 500 Pa	EN 12101-7:2011
Smoke control	Positive pressure	500 Pa	EN 12101-7:2011
Smoke control	Leakage rate (S)	≤ 5 m ³ /h*m ²	EN 12101-7:2011
Smoke control	Suitability	Single compartment	EN 12101-7:2011
Smoke control (<1 250x1 000 mm)	Mounting direction (h _o -V _e)	Horizontal & Vertical	EN 12101-7:2011
Smoke control (>1 250x1 000 and ≤ 1 900x1 700 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:

Authorised person:
Karel Kleinmond
Group Operations Director
2019-01-21 Karlovarska, Czech Republic