



## Declaration of Performance

### Rectangular smoke control system; Single Compartment

1. Product type	Rectangular Smoke control system; single compartment <1250x1000 mm – E600 120 (h <sub>o</sub> -V <sub>e</sub> ) S 1500 Single >1250x1000 and ≤1900x1700 mm – E <sub>600</sub> 120 (h <sub>o</sub> ) 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"> <li>• Protecting escape routes during fire for at least two hours</li> <li>• Reducing temperatures during fire</li> <li>• Creating an non-smoke layer</li> <li>• Protecting the property</li> </ul> This system represents a part of the smoke and fire protection project and shall be designed by a fire expert.
3. Manufacturers	LINDAB S.R.L. - Via Verga 82, 10036 Settimo Torinese – Torino - Italy LINDAB KFT. - Állomás u.1/A, 2051 Biatorbágy - Hungary LINDAB S.R.O. - Na Hůrce 1081/6, 16100 Prague 6-Ruzyně - Czech Republic LINDAB AS, SAHA-LOO TEE 4 - Iru küla, 74206 Jõelähtme vald, Harjumaa - Estonia OY LINDAB AB - Kankitie 3, 40320 Jyväskylä - Finland FACTORY: 21/32303791 - Italy LINDAB AG - Via Industria 31 CP.159 – 6934 Bioggio (Lugano-Ticino) - Switzerland LINDAB S.R.L. - Soseaua de Centura nr.8, Stefanestii de Jos, Ilfov 077175 - Romania LINDAB A/S - Svanningevej 6, 9220 Aalborg, - Denmark
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 <sup>3</sup> /h*m <sup>2</sup>	EN 12101-7:2011
Smoke control	Suitability	Single compartment	EN 12101-7:2011
Smoke control (<1 250x1 000 mm)	Mounting direction (h <sub>o</sub> -V <sub>e</sub> )	Horizontal & Vertical	EN 12101-7:2011
Smoke control (>1 250x1 000 and ≤ 1 900x1 700 mm)	Mounting direction (h <sub>o</sub> )	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  
2022-05-06 Karlovarska, Czech Republic