

DECLARATION OF PERFORMANCE No. EID-2022FD/16

Issued in accordance with requirements of p.7 of REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/EEC.

1. Unique identification code of the product type: **UVA-M**
2. Intended use/es: **Fire damper**
3. Manufacturer: **SIA Komfovent**
Reg. No.: 40103817958
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e-mail: info.lv@komfovent.com
Internet: www.komfovent.com
4. Authorized representative: **NPD**
5. System/s of AVPC: (assessment and verification of constancy of performance): **System 1**
6. Harmonized standard: **EN 15650:2010**
7. Notified body/ies: **The notified body Fire Research Centre, NB1796, carried out the initial inspection of the manufacturing plants and of the factory production control as well as the continuous surveillance, assessment, and evaluation of factory production control according to System 1 of the Construction Products Regulation and issued the certificate of constancy of performance No. 1796-CPR-0024.**
8. Declared performance/s:
Essential characteristic: resistance to fire
Sizes [dimeter, mm]: 100 mm to 630 mm.

Supporting construction	Construction details	Installation type	Size of the damper	Installation details*	Class of performance**
Solid wall	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥ 100 mm	Plaster or mortar filling (A1 reaction to fire)	355 ÷ 630 mm	1, 3, 4, 5	EI90 ($v_e i \leftrightarrow o$)S 300 Pa
	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥ 115 mm	Plaster or mortar filling (A1 reaction to fire)	355 ÷ 560 mm	1, 3, 4, 5	EI120 ($v_e i \leftrightarrow o$)S 300 Pa
	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥ 115 mm	Plaster or mortar filling (A1 reaction to fire)	100 ÷ 315 mm	1, 4, 5, 6	EI120 ($v_e i \leftrightarrow o$)S 300 Pa

	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥100 mm	Mineral wool in min. 165 kg/m ³ and fire-resistant mastic sealing	100 ÷ 315 mm	1, 4, 5, 6	EI90 (v _e i↔o)S 300 Pa
	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥100 mm	Plaster or mortar filling (A1 reaction to fire)	100 ÷ 315 mm	1, 4, 5, 6	EI90 (v _e i↔o)S 300 Pa
	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥125 mm	Mineral wool in min. 165 kg/m ³ , fire-resistant mastic and plasterboard sealing	355 ÷ 560 mm	1, 3, 4, 5	EI60 (v _e i↔o)S 300 Pa
	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥100 mm	Remote installation with mineral wool insulation in min. 80 kg/m ³	100 ÷ 315 mm	1, 4, 5, 6	EI60 (v _e i↔o)S 300 Pa
	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥115 mm	Installation with calcium silicate dry-montage kit	100 ÷ 315 mm	1, 4, 5, 6	EI60 (v _e i↔o)S 300 Pa
	Solid homogeneous wall (aerated concrete blocks, masonry, concrete blocks) ≥100 mm	Plaster or mortar filling (A1 reaction to fire) Close distance location	100 ÷ 315 mm	1, 5, 6, 7	EI60 (v _e i↔o)S 300 Pa
Flexible wall	Metal stud gypsum plasterboard F (EN 520) ≥ 100 mm	Plaster or mortar filling (A1 reaction to fire)	355 ÷ 630 mm	1, 3, 4, 5	EI90 (v _e i↔o)S 300 Pa
	Metal stud gypsum plasterboard F (EN 520) ≥ 100 mm	Mineral wool in min. 165 kg/m ³ and fire-resistant mastic sealing	100 ÷ 315 mm	1, 4, 5, 6	EI90 (v _e i↔o)S 300 Pa
	Metal stud gypsum plasterboard F (EN 520) ≥ 100 mm	Plaster or mortar filling (A1 reaction to fire)	100 ÷ 315 mm	1, 4, 5, 6	EI90 (v _e i↔o)S 300 Pa
	Metal stud gypsum plasterboard F (EN 520) ≥ 125 mm	Mineral wool in min. 165 kg/m ³ , fire-resistant mastic and plasterboard sealing	355 ÷ 560 mm	1, 3, 4, 5	EI60 (v _e i↔o)S 300 Pa
	Metal stud gypsum plasterboard F (EN 520) ≥ 100 mm	Remote installation with mineral wool insulation in min. 80 kg/m ³	100 ÷ 315 mm	1, 4, 5, 6	EI60 (v _e i↔o)S 300 Pa
	Metal stud gypsum plasterboard F (EN 520) ≥ 100 mm	Plaster or mortar filling (A1 reaction to fire) Close distance location	100 ÷ 315 mm	1, 5, 6, 7	EI60 (v _e i↔o)S 300 Pa
Solid ceiling slab	Solid reinforced hollowed / non-hollowed ceiling panel ≥150 mm	Plaster or mortar filling (A1 reaction to fire)	100 ÷ 560 mm	2, 4, 5	EI120 (h _o i↔o)S 300 Pa

	Solid reinforced hollowed / non-hollowed ceiling panel ≥ 150 mm	Plaster or mortar filling (A1 reaction to fire)	630 mm	2, 4, 5	EI90 ($v_e i \leftrightarrow o$)S 300 Pa
	Solid reinforced hollowed / non-hollowed ceiling panel ≥ 150 mm	Remote installation with mineral wool insulation in min. 80 kg/m ³	100 ÷ 315 mm	2, 4, 5	EI60 ($h_o i \leftrightarrow o$)S 300 Pa
<p>* 1 - positioning of the damper: installed in vertical supporting construction 2 - positioning of the damper: installed in horizontal supporting construction 3 - axis position: horizontal 4 - min. distance between casings: 200 mm 5 - min. distance to load-bearing structural elements: 75 mm 6 - axis position: any angle 7 - min. distance between casings 40 mm</p> <p>** The manufacturer's Technical Catalogue No. TC-FD01 contains detailed installation instructions.</p>					

Essential characteristics	Provisions of the EN 15650:2010	Performance / Compliance with the requirements
Nominal activation conditions/sensitivity - Sensing element response temperature	4.2.1.2.3	72°C
Response delay (response time) Closure time	4.2.1.3	Conforms
Durability of response delay Sensing element response to temperature and load-bearing capacity	4.2.1.2.2. 4.2.1.2.3	Conforms
Operation reliability Cycling	4.3.1 a	50 cycles – conforms
Operational reliability - open and closing cycle tests	4.3.3.2	10 200 cycles (Fire damper for use in HVAC systems that are operated regularly for testing and thermal isolation purposes)

The classification of the fire damper is limited by the classification of the wall or ceiling.

Optional characteristics	Performances
Damper blade leakage	Class 3
Damper casing leakage	Class C

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

SIA KOMFOVENT

Technical secretary

Natālija Lemešenoka

Rīga, 2023-10-24