NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0723 Rev.1

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of March 9th, 2011* (the Construction products Regulation or CPR), this certificate applies to the construction product

Wireless combined smoke and heat detector
JA-150ST

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

JABLOTRON a.s.
Pod Skalkou 4567/33, 466 01 Jablonec nad Nisou, Czech Republic

and produced in the manufacturing plant

VAT No. 9144030035820295O8

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 54-5: 2017 + A1: 2018,
EN 54-7: 2018,
EN 54-25: 2008, EN 54-25: 2008/AC: 2010

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on December 01st, 2020 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

EVPÚ, a.s. NOVÁ DUBNICA Notified Body No 1293

Nová Dubnica, March 24th, 2025

Michal M i š i a k
Head of CB NB No. 1293

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Annex to Certificate No. 1293 - CPR - 0723 Rev.1 from March 24th, 2025

Technical Specifications

This product is part of Jablotron JA-100. It is used to detect fire hazards in commercial or residential interiors. It is designed for installation in industrial environments. The detector communicates wirelessly and is powered by three AA batteries.
It consists of two separate detectors - optical smoke detector and temperature detector.
Optical smoke detector operates on the principle of scattered light and is very sensitive to larger particles, which are dense smokes, is less sensitive to small particles from burning liquids such as alcohol. Therefore, the built detector temperature, which has a slower response, but the fire rapidly rising heat with little smoke detector that responds to temperatures much better. The microprocessor performs a digital analysis of these variables, which ignificantly increases resistance to false alarms.
Category A2 according to EN 54-5.

Essential characteristics	Harmonised technical specification			Performance
	EN 54-25:2008, EN 54-25:2008/ AC:2010	EN 54-5: 2017+ A1: 2018	EN 54-7: 2018	
Operational reliability	cl. 4.2.1, 4.2.3-4.2.7, 5.3, 5.4, 6.7, 8.2.2, 8.2.4, 8.2.7-8.2.9, 8.3.1, 8.3.2, 8.3.4-8.3.6	cl. 4.2.1, 4.2.2 4.2.3=N/A 4.2.4, 4.2.5 4.2.6=N/A 4.2.7	cl. 4.2.1, 4.2.2=N/A 4.2.3, 4.2.4 4.2.5=N/A 4.2.6 - 4.2.8	Pass
Nominal activation conditions / Sensitivity	cl. 4.1, 4.2.2, 5.2, 8.3.7, 8.2.3, 8.2.6	cl. 4.3.1 - 4.3.3 4.3.4=N/A 4.3.5, 4.3.6	cl. 4.3.1 to 4.3.3	Pass
Response delay (response time)		cl. 4.4.1=N/A 4.4.2=N/A	cl. 4.4.1, 4.4.2	Pass
Performance parameters under fire conditions		---	cl. 4.6	Pass
Tolerance to supply voltage	-	cl. 4.5.1	cl. 4.5	Pass
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 8.3.9-8.3.11	cl. 4.6.1.1, 4.6.1.2=N/A	cl. 4.7.1.1, 4.7.1.2	Pass
Durability of Nominal activation condition / Sensitivity: Humidity resistance	8.3.12=N/A cl. 8.3.13, 8.3.14	cl. 4.6.2.1, 4.6.2.2	cl. 4.7.2.1, 4.7.2.2	Pass
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 8.3.15	cl. 4.6.3	cl. 4.7.3	Pass
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 8.3.16-8.3.19	cl. 4.6.4.1 - 4.6.4.4	cl. 4.7.4.1 - 4.7.4.4	Pass
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 8.3.20	cl. 4.6.5	cl. 4.7.5	Pass

History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPR-0508	Original certificate issued	December 14th, 2015
2	1293-CPR-0723	New editon of standards	December 01st, 2020
3	1293-CPR-0723 Rev. 1	Change of the manufacturer´s name and place of production site.	March 24th, 2025

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Nová Dubnica, March 24th, 2025

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