



**Notified laboratory NB 2693**  
HEATEST, s.r.o., č. p. 84, 276 01 Býkev, Czech Republic

**issues**

for the purposes of with Regulation (EU) No 305/2011 of the European Parliament and Council of 9 March 2011,  
(the Construction products Regulation or CPR) as amended this

# ASSESSMENT OF PERFORMANCE REPORT

**No 2693-CPR-9999-2021**

for construction product:

Family of construction product: **Radiator with horizontal water flow**  
Intended use: in heating systems in buildings  
Type, name or trademark: **ALFATYPE**  
Manufacturer: **ALFAOMEGA Radiators, Ltd.**  
Full address: Random street 123, 12345 Town, Country  
Manufacturing site: Random street 123, 12345 Town, Country

This Assessment of Performance Report attest that the performance of the above-mentioned construction product has been assessed under AVCP system 3 with regard to the essential characteristic listed at Annex No 1 of this Report in accordance with harmonised standard

**EN 442-1:2014**

This Report will remain applicable as long as neither the harmonised standard, the construction product, nor the AVCP methods are modified significantly. Its distribution without the written consent of the NB2693 is possible only as a whole, including the Annexes, which are an integral part of the Report.

This Report covers only essential characteristic(s) mentioned in Annex No. 1 of this Report. It is not an exhaustive statement of the performance of the product. The manufacturer is entitled to declare the performance of other essential characteristics than those mentioned in Annex No. 1 of this Report.

This Report is not considered a product certificate or a document to accompany the product nor the Declaration of Performance.

Number of report pages including main page and Annexes: 3  
Number of Annexes: 2  
Number of copies: 2 (Copy No 2 archived by the NB2693)

The person taking responsibility for the content of this report: Jiří Brož  
*Head assessor*

The person taking responsibility for the correctness of this report: Tomáš Langer  
*Head of the NB 2693*

At Býkev on: 01. 01. 2021

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**Annex No. 1: Assessed essential characteristics**

<b>Essential characteristic Clause No – Description</b>	<b>Performance Level or class, units</b>	<b>Basis for the assessment of performance</b>
4.3 Reaction to fire	A1	<b>Test report No.</b> 999/2021 <b>Descriptive documentation</b> Document name, from date
4.4 Release of dangerous substances	None	<b>Descriptive documentation</b> Document name, from date
4.5 Pressure tightness	no leakage at 1,3 x maximum operating pressure (MOP) [kPa]	<b>Descriptive documentation</b> Document name, from date
4.6 Surface temperature	Maximum 120 °C	<b>Descriptive documentation</b> Document name, from date
4.7 Resistance to pressure	no breakage at 1,69 x MOP MOP: 890 kPa	<b>Test report No.</b> 999/2021
4.9 Rated thermal output	<b>see Annex No 2</b>	<b>Test report No.</b> 999/2021
4.10 Thermal output in different operating conditions	<b>see Annex No 2</b>	<b>Test report No.</b> 999/2021
Durability as:		
4.11 Resistance against corrosion	No corrosion after 100 h humidity	<b>Test report No.</b> P-VZLUTEST-999/99
4.11 Resistance against minor impact	ISO 2409:2013 – 1c – 0	<b>Test report No.</b> 999/2021

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end of Annex No. 1

**Annex No. 2 Table of thermal outputs**

Model	Standard rated thermal output $\Phi_{50}$ (W)	Standard low temperature thermal output $\Phi_{30}$ (W)	Thermal output in different operating conditions, as $\Phi = K_T \times \Delta T^n \times L$ (W)	
			$K_T$	n
Model ID code	234	123	7,8910	1,1234
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...	...	...	...	...
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...	...	...	...	...
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Model ID code	2345	1234	12,3456	1,2345

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*end of Annex No2, end of the Assessment of Performance Report*