



**SLOVENSKA
AKREDITACIJA**
SIST EN ISO/IEC 17065
CP-002

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**ZAVOD ZA
GRADBENIŠTVO
SLOVENIJE**

SLOVENIAN
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AND CIVIL ENGINEERING
INSTITUTE

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Notified certification body
NB 1404

Certificate of constancy of performance

1404 – CPR – 3171

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

Powered smoke and heat exhaust ventilators Roof ventilators DHN

Nominal dimensions: 225 – 630 mm

Resistance to fire (temperature class): F₄₀₀ 120

placed on the market under the name or trade mark of

**RUCK Ventilatoren GmbH,
Max-Planck-Str. 5, DE-97944 Boxberg, Germany**

and produced in the manufacturing plant

**RUCK Ventilatoare S.r.l,
Str. 1 Decembrie 1918, Nr. 44H, RO-545600 Tarnaveni, Romania.**

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

EN 12101-3:2015

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 products.

This certificate was first issued on **1. 8. 2019** and will remain valid until **1. 8. 2022** as long as neither the harmonised standard, the construction products, the AVCP method nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

More detailed information about the scope of the products is given in the annex to this certificate.

Ljubljana, 1. 8. 2019



Authorised signatory of the Certification body:

Marjan Japelj, B. Sc.

Annex

(Issue 1)

to the certificate No. 1404 – CPR – 3171

Manufacturer: RUCK Ventilatoren GmbH,
Max-Planck-Str. 5, DE-97944 Boxberg, Germany

Technical specification: EN 12101-3:2015

Scope of the certificate: Powered smoke and heat exhaust ventilators
Roof ventilators DHN

Category	Description
Resistance to fire (temperature class)	F ₄₀₀ 120 Includes also: F ₄₀₀ 90, F ₃₀₀ 60, F ₂₀₀ 120
Nominal dimensions	225 - 630 mm
Response delay and durability (wind/snow loads)	SL 0
Operational reliability and durability (application category / motor rating)	Dual purpose F, 80 K
Effectiveness of smoke / hot gas extraction	± 10 %
Field of application	Installation outside of fire sectors / smoke reservoirs. Thermally uninsulated. Vertical direction motor shaft. Converter feed (driven by frequency converter). Dual purpose fans: for ventilation in normal conditions and for exhaustion of smoke and heat in case of fire. Motor efficiency class IE 3.
Accessories	Electrical: frequency inverter, connection cable Mechanical: roof socket DSF, inlet flange DAF, inlet collar DAS, gravity shatter DVK

Ljubljana, 1. 8. 2019



Authorised signatory of the Certification body:

Marjan Japelj, B. Sc.