



Certificate No.: FTZÚ 15 Ex 0009

about verification of non-electrical apparatus for potentially explosive gas atmospheres

This certificate is issued for: **Recuperative heat exchanger type series REK+**

Manufacturer: **RECUTECH s.r.o., Poděbradská 289, 530 09 Pardubice, Czech Republic**

Applicant: **RECUTECH s.r.o., Poděbradská 289, 530 09 Pardubice, Czech Republic**

Above mentioned product and any of its variant are specified in documentation, list of which is in this certificate.

FTZÚ – National testing authority No. 210 confirms, that product comply with requirements following standards:

EN 13463-1:2009

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

Apparatus marking:

II 2G T6

This certificate is valid till: **30.06.2020**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of certification body



Date of issue: 29.05.2015

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This certificate is valid only for products described in this certificate and doesn't replace any other documents.
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Product description:

Recuperative heat exchanger series REK + (hereinafter referred to as recuperator) is a built-in element of ventilation heat recovery units designed for recovering heat from waste (outgoing) air.

Recuperator consists of moulded aluminum lamellas system built into the aluminum alloy casing. Lamellas composition forms inside the recuperator channels separated from each other to prevent mixing of the outgoing and incoming air. The transfer of heat between the outgoing and incoming air is through the channel walls.

Operating temperature range of the recuperator is from -40°C to $+80^{\circ}\text{C}$.

The construction of the recuperator is in compliance with the safety requirements of Annex II to Directive 94/9/EC, corresponding to the marked group and category (see the front page of this certificate).

The recuperator marking and certified versions:

REK+ xx - xxx - xx

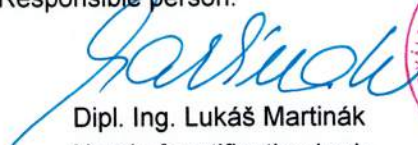
xx	lamella distance [mm]:	2,2; 2,4; 2,6
xxx	length of recuperator [mm]:	100 ... 1000
xx	size of recuperator:	17; 23; 27; 31; 39; 53; 67; 81; 95
	the name of type series:	REK+

Test report No.: FTZÚ no.15/0009

Conditions for use of the product in hazardous areas:

The recuperator will be grounded through the outer ground terminal. Grounding will be performed according to cl. 11 of ČSN 332030 (CLC/TR 50404).

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Physical Technical Testing Institute, Ostrava-Radvanice
National testing authority No 210

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List of documentation:

Operating Instructions	...	5 pages
Drawings no. :	REK+LAMELA	... 08.03.2013
	REK+xx-xxx-xx	... 27.03.2012
	REK+xx-CELO(05.2015)	... 05.2015
	REK+BOK-S-xxx	... 27.03.2012
	REK+BOK-U-xxx	... 27.03.2012
	ZEMNICI SVORKA	... --

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