INSTITUT FÜR LUFTHYGIENE
Air and Water: Planning, Analysis, Rehabilitation concepts

ILH BERLIN

Certificate

Hygiene – Conformity Test

Tested model	**Plate heat exchanger Type REK+17** in accordance with Appendix 1
Client / Manufacturer	RECUTECH s.r.o., Fáblovka 402, 533 52 Staré Hradiště, Tschechien
Test date / place of testing	17.02.2014, Institut für Lufthygiene, Kurfürstenstraße 131, 10785 Berlin, Germany
Test Engineer	Dipl. Ing. (FH) Jacob Kornack
Testing criteria	As part of the Hygiene Conformity Testing, the relevant hygiene requirements* of the regulations marked below with "✓" were tested:

General ventilation and air conditioning		**Hospital sector**	
VDI 6022, Blatt 1 (04/2006)	☑	DIN 1946-4 (12/2008)	☑
SWKI VA104-01 (04/2006)	☑	SWKI 99-3 (03/2004)	☑
VDI 3803 (02/2010)	☑	ÖNORM H 6020 (02/2007)	☑
ÖNORM H 6021 (09/2003)	☑		
DIN EN 13779 (09/2007)	☑		

Test result	**The conformity of the tested model with the hygiene-relevant requirements of the above regulations is confirmed.**
Validity period	5 years: 02.2014 – 02.2019
Registration number	HKP 02/14 - 01

J. Kornack

Dipl.-Ing. (FH) J. Kornack — Issued on 19.02.2014, Berlin

* Regulations and/or requirements from regulations to which reference is made in the regulations used for this Hygiene - Conformity Test were not considered. The Hygiene - Conformity Test includes no toxicological testing or assessments of the materials used in the tested prototype. This certificate including its appendices may only be distributed, duplicated and/or be made accessible in its entire form. A duplication distribution and/or making accessible without appendices or in extracts or, otherwise, in incomplete form, needs the prior approval of the Institut für Lufthygiene (ILH) Berlin. All rights, in particular copyrights and related rights, are reserved, as for the rest.

System 1 Tested model

For the execution of the hygiene - Conformity Test by ILH Berlin, a model (Plate heat exchanger Type REK+17) was provided on the part of the client. The model is described below (see also Photo 1):

Name of the model:	Plate heat exchanger Type REK+17
Type code:	REK+17-300-22
Design Type:	Counter flow plate heat exchanger
Manufacturing state:	Ready for delivery
Dimensions framework (H x L x D):	172 mm x 397 mm x 300 mm
Airway height:	2.3 mm
Material framework:	Aluminium
Material plates:	Aluminium

Note: If a transmission rate is required for substances from the exhaust air into the supply air that is smaller than the transmission rate of the plate heat exchanger in the respective application case, these may generally not be used. The applicability has to be verified specifically for every application case by the planner, taking into account the regulations consulted for the Hygiene - Conformity Test.

Photo 1: Tested model