

Certificate

Hygiene – Conformity Test

Tested model Rotary heat exchanger **Type B** in accordance with Appendix 1

Client / Manufacturer Heatex AB, Tommarpsvägen 46, SE-231 65 Trelleborg Sweden

Test date / place of testing 21.-22.11.2013, Heatex AB, Tommarpsvägen 46, SE-231 65 Trelleborg Sweden

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)	<input checked="" type="checkbox"/>	DIN 1946-4 (12/2008)	<input type="checkbox"/>
SWKI VA104-01 (04/2006)	<input checked="" type="checkbox"/>	SWKI 99-3 (03/2004)	<input type="checkbox"/>
VDI 3803 (02/2010)	<input checked="" type="checkbox"/>	ÖNORM H 6020 (02/2007)	<input type="checkbox"/>
ÖNORM H 6021 (09/2003)	<input checked="" type="checkbox"/>		
DIN EN 13779 (09/2007)	<input checked="" type="checkbox"/>		

Test result The conformity of the tested model with the hygiene-relevant requirements of the above regulations is confirmed.

Validity period 5 years: 01.2014 – 01.2019

Registration number HKP 11/13 - 01



Dipl.-Ing. (FH) J. Kornack

Issued on 21.01.2014, 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 Instituts für Lufthygiene (ILH) Berlin. All rights, in particular copyrights and related rights, are reserved, as for the rest.

Appendix 1 Tested model

For the execution of the Hygiene - Conformity Test by ILH Berlin, a model (Rotary heat exchanger Type B) was provided on the part of the client. The model is described below (see also Photos 1-3):

Name of the model:	Rotary heat exchanger Type B
Type code:	BK1650X1650-1500V-020-2D0CI-4ARI-0
Manufacturing state:	Ready for delivery
Dimensions framework (H x L x D):	1650 mm x 1650 mm x 305 mm
Dimensions storage mass (Ø x D):	1500 mm x 200 mm
Airway height:	2,1 mm
Material framework:	Galvanized steel sheet
Material storage mass:	Aluminum



Fotos 1-3: Tested model

Note: I. The accessibility to the interior of the framework may optionally be done through the inspection holes in the corner regions or (where provided for by the planner) by lateral extraction of the heat exchanger from the device housing of the ventilation unit.

II. 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 rotary 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.