

Certificate

Hygiene – Conformity Test

Tested model Plate heat exchanger Type H 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

VDI 6022, Blatt 1 (04/2006)
SWKI VA104-01 (04/2006)
VDI 3803 (02/2010)
ÖNORM H 6021 (09/2003)
DIN EN 13779 (09/2007)

Hospital sector

✓ DIN 1946-4 (12/2008) ✓
✓ SWKI 99-3 (03/2004) ✓
✓ ÖNORM H 6020 (02/2007) ✓
✓
✓

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 - 02



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 (Plate heat exchanger Type H) was provided on the part of the client. The model is described below (see also Photos 1):

Name of the model:	Plate heat exchanger Type H
Type code:	HE1000-1000-060-2EDG-2-0-0-1000
Manufacturing state:	ready for delivery
Dimensions framework (H x L x D):	1000 mm x 1000 mm x 1000 mm
Airway height:	6 mm
Material framework:	Galvanized and coated steel sheet
Material plates:	coated Aluminum



Foto 1: Tested model

Note: I. The additional coating of the framework is necessary for the hospital sector, but not for the field of general ventilation and air conditioning.

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 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.