

# Certificate

## Hygiene – Conformity Test

**Tested model** Plate heat exchanger **Type P** 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 - 04



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.

**Anlage 1      Tested model**

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

<b>Name of the model:</b>	Plate heat exchanger Type P
<b>Type code:</b>	PE1000-1000-060-2EDG-2-0-0-1000
<b>Manufacturing state:</b>	Ready for delivery
<b>Dimensions framework (H x L x D):</b>	1000 mm x 1000 mm x 1000 mm
<b>Airway height:</b>	6 mm
<b>Material framework:</b>	Galvanized and coated steel sheet
<b>Material plates:</b>	coated Aluminum

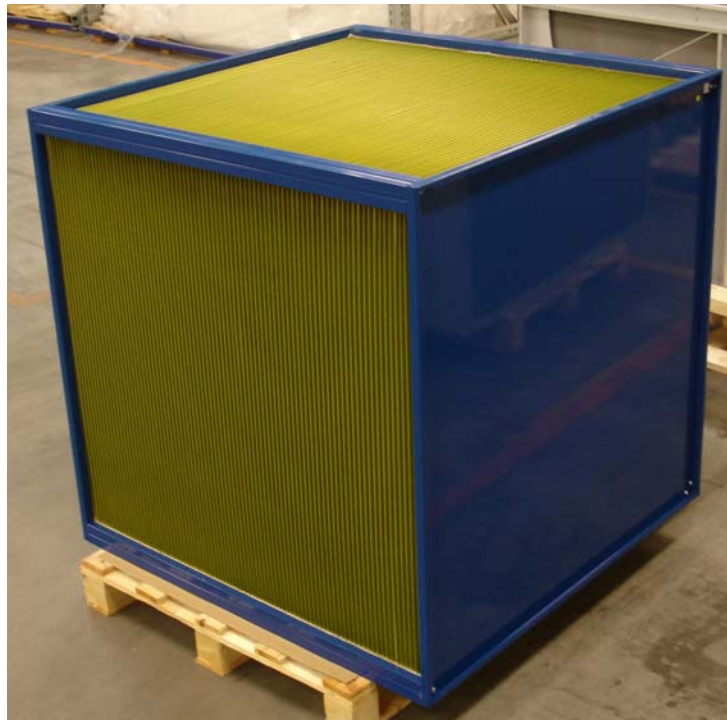


Foto 1: Tested model

**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.