

Certificate

Hygiene – Conformity Test

Tested model	High pressure humidifier HPS in accordance with Appendix 1
Client / Manufacturer	HygroMatik GmbH; Lise-Meitner-Str. 3; 24558 Henstedt-Ulzburg
Test date / place of testing	22.10.2013, HygroMatik GmbH; Lise-Meitner-Str. 3; 24558 Henstedt-Ulzburg; Germany
Test Engineer	Dr. Ing. Martin Möritz; 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 (07/2011)	✓	DIN 1946 Teil 4 (12/2008) ¹	✓
SWKI VA104-01 (04/2006)	✓	SWKI 99-3 (05/2003)	✓
VDI 3803, Blatt 1 (02/2010)	✓		
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 12.2013 – 12.2018

Registration number HKP 10/13 - 03

J. Kornack



Dipl.-Ing. (FH) J. Kornack, Issued on 11.12.2013, Berlin

¹ in accordance with DIN 1946 Part 4 the use of the tested prototype in surgical departments is not allowed.

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, especially copyright and ancillary copyrights, are reserved, as for the rest.

Anlage 1 Geprüftes Baumuster

For the execution of the hygiene - Conformity Test by ILH Berlin, a model (High pressure humidifier HPS) was provided on the part of the client. The model is described below (see also Photos 1):

Name of the model:	High pressure humidifier HPS
Year of construction:	2013
construction type:	high pressure humidifier for installation in air handling units
production state:	ready for installation in a air handling unit
Metallic Materials:	stainless steel
operating mode:	with flushing regimen acc. to technical manual
Tested components (see photo 1):	(I) water inlet (II) nozzle module (Vortex-Module) (III) droplet separator
(I) Components of water inlet:	drainage valve, flexible inlet pipe; manifold; flexible connection lines to nozzles
(II) Components of nozzle module:	Spray nozzles, air swirler (Vortex-Module)
(III) Components of droplet separator:	droplet separator (metal mesh separator) 2 pieces one after other



Foto 1: Tested model