

DECLARATION OF CONFORMITY 11.08 with the Directives of the European Union

AF46**SSSL Series Vortex Cabinet Coolers

AF46**SSSL type Vortex Cabinet Coolers are designed and manufactured in conformity with the following directives & standards:

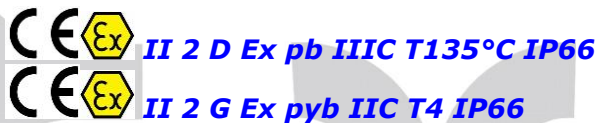
- Directive 2014/34/EU applicable from 20 April 2016
- Directive "Machines" 2006/42/EC of May 17th, 2006
- Directive "Electromagnetic Compatibility" 2014/30/EU of 26 February 2014
- ISO 80079-36:2016 – Basic method and requirements
- ISO 80079-37:2016 - Non-electrical equipment used in potentially explosive atmospheres


On the approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres.

This Declaration of Conformity is based on a "worst case" application of the Vortex Cabinet Coolers under following actual operating conditions:

- Pressure of the cooling gas (air or Nitrogen - N₂) maximum 5,0 Kg/cm² (G)
- Temperature of the cooling gas maximum 35° Celsius
- Ambient temperature maximum 55° Celsius

Under the above mentioned actual operating conditions the maximum temperature at the surface of the Vortex Cabinet Cooler will not exceed 132° Celsius, and therefore complies with temperature class T4 – max. surface temperature 135° Celsius.



-  - mark for explosion prevention
- **II** – device group – Industrial Environment
- **2** – category zone 1/21
- **G/D** – Flammable gas, fog, steam & dust
- **pb / pyb** – Protection – pressurized enclosure
- **IIC** – Gas Group
- **T4** – temperature class: max. surface temperature 135°C
- **IP66** – protection class according DIN EN 60529:2014-09

Nb: AF46**SSSL Vortex Cabinet Coolers are to be mounted on a flat surface, cabinet with minimum level of protection class IP54. Only suitably qualified personnel may install or service this device/system and must strictly follow the mounting instructions.

February, 2020
Fiktech B.V.

André M. Fikkers
(Managing Director)

