



**Assessment report No. 1.6/pos/19/19a**

**Hygienic assessment of ventilation components – Air volume flow controllers and air volume flow adjustment dampers**

Expertise No. : SZÚ/4892/2019, EX 191755  
Customer: Mandík a.s., Dobříšská 550, 267 24 Hostomice  
Manufacturer: Mandík a.s., Dobříšská 550, 267 24 Hostomice  
Assessed products: Type ranges of air volume flow controllers for the use in ventilation ducts  
RPM-V, RPM-LV, RPM-K, RPMC-K, RPMC-V a  
Type ranges of air volume flow adjustment dampers  
RKM, RKTm, RKKM, RKKTM, RKALM

Documents used:

- Technical documents and photographic documentation of Mandík a.s., [www.mandik.cz](http://www.mandik.cz)
- Declaration of Conformity RPM-V a RPMC-V from 19. 05. 2015, RPM-LV from 01. 11. 2019, RPM-K and RPMC-K from 19. 05. 2015, RKM and RKTm and RKKM and RKKTM from 05. 01. 2015, RKALM from 10. 05. 2016
- Technical specifications 085/12, 144/19, 094/13, 105/14, 106/14, 009/00, 012/00, 030/03, 031/03, 119/16
- Opinion SZÚ č. 1.6/pos/18/10
- Certificate and Material sheet – EPDM sealing
- Certificates and Material sheets – GUMEX products
- VDI 6022-1 Hygiene and Hygiene Inspections of HVAC Systems
- VDI 2167-1 Building services in hospitals - Heating, ventilation and air-conditioning
- DIN 1946-4 Ventilation in buildings and rooms of health care.
- ČSN EN 13053+A1 Ventilation for buildings - Air handling units - Rating and performance for units, components and sections
- VDI 3803 list 1 – Air-conditioning - Structural and technical principles - Central air-conditioning systems

Product description:

Air flow control ventilation components. Controller and damper body is made of zinc galvanized sheet metal, stainless steel or aluminum, with completely smooth internal surfaces. There are no emissions from the materials used to the air flow that could contaminate the air; no micro-bacterial contamination or spread of such contamination occurs.

Conclusion:

Based on the mentioned documentation we conclude that **air volume flow controllers RPM-V, RPM-LV, RPM-K, RPMC-K, RPMC-V and air volume flow adjustment dampers RKM, RKTm, RKKM, RKKTM, RKALM**

***fulfill all hygienic requirements applicable to ventilation components including the requirements of VDI 6022-1, VDI 2167-1, DIN 1946-4, ČSN EN 13053+A1, and VDI 3803 Blatt 1.***

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