

The Manufacturer:

Systemair d.o.o.

Špelina 2

SI-2000 Maribor

Tel.: +386 2 4601 840

certified herewith that the following products: **Roof fans, type DVV/DVVI Ex***

together with Accessories

FDG-EX, SSG-EX, FDGE-EX, VKG-EX, ASSV-EX, ASFV, ASG-F, ESDG, HSDV

ensure all relevant regulations of following directives:

Directive 2006/42/EC	MD
Directive 2014/30/EU	EMC
Directive 2014/34/EU	ATEX
Directive 2014/35/EU	LVD
Directive 2015/863/EU	RoHS
Regulation 2019/1781/EU	Ecodesign

The following standards are used:

EN 1127-1:2019	Explosive atmospheres - Explosion prevention and protection - Part 1: Basic concepts and methodology
EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction
EN ISO 13857:2019	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs
ISO 14694:2003	Industrial fans – Specifications for balance quality and vibration levels
EN 14986:2017	Design of fans working in potentially explosive atmospheres
EN IEC 60079-0:2018	Explosive atmospheres - Part 0: Equipment - General requirements
TP CLC/TR 60079-32-1:2019	Explosive atmospheres – Part 32-1: Electrostatic hazards, guidance
EN 60204-1:2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN 61439-1:2011	Low-voltage switchgear and controlgear assemblies - Part 1: General rules
EN ISO 80079-36:2016	Explosive atmospheres - Part 36: Non-electrical equipment for use in explosive atmospheres - Basic methods and requirements
EN ISO 80079-37:2016	Explosive atmospheres - Part 37: Non-electrical equipment for use in explosive atmospheres - Non-electrical type of protection constructional safety 'c', control of ignition sources 'b', liquid immersion 'k'

*Roof fans DVV/DVVI Ex with electric motor in explosion protection »flameproof enclosure« (Ex d) are only intended to exhaust potentially explosive atmospheres from zones 1 or 2, field of application II, installation in zones 1, 2, or in not explosion hazardous areas, as well as accordingly with the marking of explosion protection (gases of the groups IIA, IIB+ H2, temperature classes T1 – T4 and marking of ambient temperature. The fans are classified to category 2G up to Directive 2014/34. They are suitable for installation outside buildings only (on roofs).

Note: The compliance with EC Machinery Directive and EN ISO 13857 refers to the mounted protective guards on the inlet of the fan. For the fully accordance with mentioned requirements (protective guards or safety assurance in other way) the performer is responsible.

Maribor, 11.01.2024

Saša Kojić, Technical Director

