

DECLARATION OF CONFORMITY

No. BPD-15-08-24/KOS

1. Unique identification code of the product-type: *variable air volume circular damper KOS-C, variable air volume circular damper with removable tubes KOS-C-XT, variable air volume circular insulated damper KOS-C-I, variable air volume rectangular damper KOS-R, variable air volume rectangular insulated damper KOS-R-I, variable air volume damper unit KOS-B, insulated variable air volume damper unit KOS-BS.*
2. Type, batch or serial number or any other element allowing identification of the construction product:
KOS-C-[100÷630]-[BMF, BMP, BMD, BKX, SMF, SMD, SKX]-[0÷2]-[8÷14580]; KOS-C-I-[100÷630]-[BMF, BMP, BMD, BKX, SMF, SMD, SKX]-[0÷2]-[8÷14580];
KOS-C-XT-[100÷400]-[BMF, BMP, BMD]-[0÷2]-[20÷5878];
KOS-R-[200÷1000]x[100÷1000]-[BMF, BMP, BMD, BKX]-[0÷2]-[58÷46800]; KOS-R-I-
[200÷1000]x[100÷1000]-[BMF, BMP, BMD, BKX]-[0÷2]-[58÷46800];
KOS-B-[100÷160]-[BMF, BMP, BMD, BKX, SMF, SMD, SKX]-[0÷2]-[8÷940]; KOS-BS-[100÷160]-[BMF, BMP,
BMD, BKX, SMF, SMD, SKX]-[0-2]-[8÷940].
3. Intended use or uses of the construction product, as foreseen by the manufacturer: *to automatically adjust airflow volume in supply and exhaust air ventilation and conditioning systems.*
4. Name, registered trade name or registered trade mark and contact address of the manufacturer:
Komfovent Ltd., Reg. No. 40103817958
Address: Bukaisu str. 1, Riga, LV-1004; phone: +371 24664433, info.lv@komfovent.com
5. Product meets the requirements of the Standards:
EN 1506:2007 "Ventilation for buildings. Sheet metal air ducts and fittings with circular cross-section. Dimensions"
EN 1507:2006 "Ventilation for buildings - Sheet metal air ducts with rectangular section - Requirements for strength and leakage"
EN 1505:2007 "Ventilation for buildings. Sheet metal air ducts and fittings with rectangular cross-section. Dimensions"
EN 12237:2003 "Ventilation for buildings. Ductwork. Strength and leakage of circular sheet metal ducts"
EN 1751:2024 "Ventilation for buildings - Air terminal devices - Aerodynamic testing of damper and valves"
VDI 6022 Part 1 "Ventilation and indoor-air quality - Hygiene requirements for ventilation and air-conditioning systems and units"
VDI 3803 Part 1 "Air-conditioning - Structural and technical principles - Central air conditioning systems"
EN 13162:2015 "Thermal insulation products for buildings - Factory made mineral wool (MW) products - Specification"
EN 755-1:2016 "Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 1: Technical conditions for inspection and delivery; EN 755-2:2016 "Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 2: Mechanical properties; EN 755-9:2016 "Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 9: Profiles, tolerances on dimensions and form".

6. Declared performance:

Galvanized steel version: The metal parts of the damper are made of DX51D+Z275 galvanized steel (chemical passivation, zinc thickness 275g/m²) in accordance with the requirements of the standard "EN 10346:2015 Requirements for continuously hot-dip coated flat steel products".

Stainless steel AISI304L version: The metal parts of the damper are made of stainless-steel sheets in accordance with the requirements of the standard "EN 10028-7:2016 Flat products made of steels for pressure purposes - Part 7: Stainless steels".

Stainless steel AISI316L version: The metal parts of the damper are made of stainless-steel sheets in accordance with the requirements of the standard "EN 10088-4:2018 Stainless steels - Part 4: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for construction purposes".

Measuring tubes are made of AW 6060T6 extruded aluminum profiles in accordance with the provisions of standard EN 755-1:2016.

Insulated damper version: The sound absorption index of mineral wool is AFR₆, the thermal resistance is $\lambda D = 0.040 \text{ W/mK}$ $RD = 1.25 \div 5.10 \text{ m}^2\text{K/W}$ in accordance with the provisions of standard EN 13162:2015.

Leakage parameters of the damper casings comply with ATC3 leakage class limitations and blade leakage parameters – with Class 3 limitations according to the EN 1751:2024.

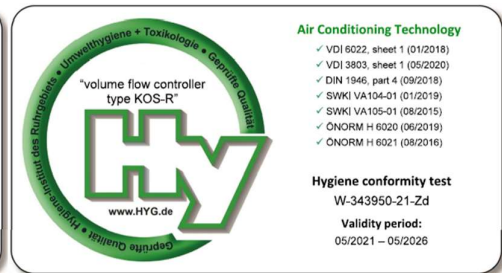
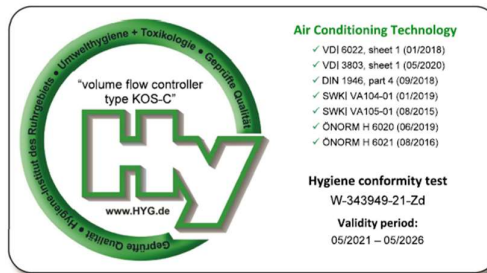
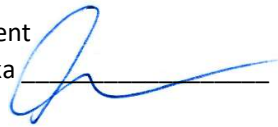
7. Safety Requirements: *The product must not be used in a manner that does not conform to the manufacturer's instructions. Outdoor use is allowed only if full protection from precipitation, frost, and sun exposure is ensured. Maintenance should only be performed by qualified personnel.*

SIA KOMFOVENT

Technical Department

Natālija Lemešenoka

Rīga, 15-08-2024



This declaration is issued in accordance with Republic of Latvia Cabinet Regulation No. 156 "Procedures for the Market Surveillance of Construction Products" point 30.8 requirements.