

Flexovent circular spiral duct work system

Holder/Issued to

Flexovent OÜ

Kadaka tee 70A, EE-12618 Tallinn, Estonia

VAT number: EE101392578

Phone: +372 50 88 666

E-mail: info@flexovent.ee, Web: www.flexovent.ee

Product description

Flexovent circular spiral ducts and duct work element manufactured from galvanized sheet steel with sealings by EPDM-rubber.

Steel quality and dimensions as follows:

Galvanized sheet steel with the designation DX51D + Z275 according to EN 10346.

Coating Z275 meets corrosion class C3 according to EN ISO 12944-2 and AMA VVS & Kyl 2016.

The Swedish technical approval includes dimensions Ø 100-1250 mm with steel sheet thicknesses as follows.

DUCTS	STEEL SHEET THICKNESS
Ø 100 - 500 mm	≥ 0,5 mm
Ø 560 - 630 mm	≥ 0,6 mm
Ø 710 - 800 mm	≥ 0,7 mm
Ø 900 - 1250 mm	≥ 0,9 mm

Supports for ductwork:

The maximum distance between the supports shall be 2000 mm and the maximum distance between support and joint is 500 mm.

Intended use

Distribution of air, with demand for air tightness class D according to EN 12237:2003.

Trade name

Flexovent circular duct work system

Type approval SC0846-18 | 2019-06-05

RISE Research Institutes of Sweden AB | Certification

Box 857, SE-501 15 Borås, Sweden

Phone: +46 10-516 50 00

certifiering@ri.se | www.ri.se

2018-01-30



8P09503



Approval

The products satisfy the requirements set forth in chapter 8, 4 § 2 and 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR), issued by the National Board of Housing, Building and Planning.

Air treatment installation, generally*	5:526
Materials	6:11
Microorganisms	6:24
Ventilation	6:25
Installations	6:254
Tightness**	6:255

* Material class A2-s1,d0. Sealing rings has no requirement (class F).

** Ducts and duct components fulfils tightness class D according to EN 12237 and VVS AMA & Kyl 2016 figure AMA Q/1.

Associated documents

Assembly instruction dated 2019-01-17.

Control

The factory production control (FPC) is monitored by an independent inspection body.

Control agreement: Ref no. 210-19-0114, Inspection body: RISE Research Institutes of Sweden AB

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this approval is based.


Manufacturing place

Production control includes the following place:

Flexovent OÜ, Tallinn, Estonia

Marking

The products are to be marked at the factory. The marking consists of a label on every product and packing supplied and includes:

Holder	Flexovent OÜ
Manufacturing place	Tallinn
Consecutive manufacture no./date of production	no./date
Type approval number	SC0846-18
Tightness class	D
Boverket's registered trade mark	
RISE Accreditation number	1002
Certification body and Inspection body	RISE

Basis for judgement/approval

Inspection report 8P09931A and test report 8P09931B from RISE Research Institutes of Sweden AB.

Comments

The products are tested according to EN 12237:2003 with the headline “Ventilation for buildings – Ductwork – Strength and leakage of circular sheet metal ducts”.

The ductwork system fulfils tightness class D at 2000 Pa overpressure and at 750 Pa negative pressure.

Validity

Valid through 2024-06-04.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Ronald Green

Annika Hermodsson

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.