



## SWEDISH TYPE APPROVAL 0969 WITH DECISION ON PRODUCTION CONTROL

### Holder: LINDAB VENTILATION AB

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### Silencers BSLCU, SLBGU, SLGPU, SLCBU, SLCU, SLGU

#### Product description

Circular silencers, with an outer tube layer of folded steel-plate and an inner-tube layer of perforated/expanded metal (steel plate), with an intermediate layer of insulation of mineral wool and canvas, that prevents fiber release. The silencer's construction, dimensions, silencing of sound, installation and fire technical class, appears in the annexes

#### Intended use

Silencers for installation in ventilation ducts in steel with a circular cross-section.

#### Scope

Acc. table page 2.

#### Approval

The products meet the requirements of Chapter 8, Section 4, of the "Planning and Building Act" (PBA) regarding the technical characteristics of construction works, **2. Safety in case of fire, 3. Protection in regard of hygiene, health and environment, 5. Protection against noise, 6. Energy and thermal insulation**, depending on, that what is stated in this approval is followed. The products are approved according to the following section(s) of "Boverket's Building Regulations" (BBR):

Building products with certified properties	1:4
Class designations – Fire Technical class*	5:231
Air treatment installations – General Advice	5:52
Air treatment installations, design and placement	5:533
Material (Corrosion class C3)	6:11
Microorganisms	6:24
Ventilation ((Tightness Class D acc. EN 12237)	6:25
Noise protection, Level of sound pressure	7:2
Heating and – cooling installations – General Advice	9:51

#### Marking

Marking must be affixed on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:  
 Product name, and relevant article number:  
 Production site:  
 Traceability to the production:  
 Information about requirements or class, if relevant:  
 The registered trademark of Boverket No 241 217:  
 Certification Body:  
 Accreditation number:  
 Type Approval No:  
 Inspection Body:

LINDAB VENTILATION AB  
 Product name acc. to scope.  
 See page 2.  
 (e.g. yyyy-mm-dd or batchnumber)  
 Acc. table page 2  
  
 Kiwa Certification AB   
 1913  
 0969  
 RISE Sverige

CERTIFIKAT

#### Kiwa Certification AB

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Accred. no. 1913  
Certification of  
Products  
ISO/IEC 17065

**Production site(s):**

LINDAB VENTILATION AB Grevie - 269 82 BÅSTAD

**Control**

The manufacturers' continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body.

Inspection Body: **RISE Sverige**

Inspection agreement: **210-07-0174 (2022-11-16)**

Factory production control shall be carried out in accordance with the current instructions for control.

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to the current agreement and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing internal control. The holder shall annually, at the latest on the 15th of December, report to Kiwa Certification AB at the e-mail address [se.annualreporting@kiwa.com](mailto:se.annualreporting@kiwa.com) about continuing surveillance.

**Associated documents**

Mounting instruction: Lindab Circular ISilencers 2021.03.31.

**The assessment basis for the approval**

-97R13040A, 97R13040B, 98R13143, all SP Sverige

-4P01853, RISE

-PG11409C, PG11409F, PHA11009A, Assessment 2024; all DBI DK

-EUF129-24000467-T1 Eurofins

-Drawings Ljuddämpare BSLCU, SLBGU, SLGPU, SLCBU, SLCU, SLGU

-Inspection Agreement 210-07-0174, 2022-11-16

-Annual Inspection report RISE Sverige 2023; AO-0015978.

**Comments**

Scope:

Silencers	Thickness insulation mm	Diameter/Nominal mm	Lenght max mm	Fire Class E/EI
SLCU, BSLCU	50	≤400	1200	EI 30, E 120
SLCU, BSLCU, SLCBU	100	≤800	1500	EI 60, E 120
SLGU, SLBGU, SLGPU	100	≤800	1000	EI 15, E 60
SLGU, SLBGU, SLGPU	150	≤250	1000	EI 30, E 60

Air treatment units for supply air must have filters of at least class F7 according to EN 779. The product must not be installed in ventilation ducts where air containing greasy or sticky impurities is distributed.

The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Certification AB.

Date of decision: 2024-06-12

Registration number: 100-24

Valid until: 2029-06-11

Previous registration number: 644-19



**Magnus Jerlmark**



**Johnny Ostenfeldt**