



## SWEDISH TYPE APPROVAL 1142 WITH DECISION ON PRODUCTION CONTROL

### Holder: Lindab Ventilation AB

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### Flexible Ventilation duct

#### Product description

DRATU, connection male/male

DRATMF, connection female/female

DRATMFU, connection female/male

Flexible ventilation duct, single walled aluminum.

Connections are made of galvanized steel.

#### Intended use

1. Connection between kitchen ventilation hood/exhaust fan and fixed kitchen ventilation duct.
2. Connection between fixed kitchen ventilation duct and hood in residentials except catering kitchens.
3. Ventilation ducts in family houses or within fire cells with a net area less than 200 m<sup>2</sup> where there is no fire hazard.

#### Scope

Diameter Ø80 – Ø315 mm.

#### 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 with regard to hygiene, health and environment,** 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):

Construction products with assessed properties	1:4
Class designations – material, Fire technical class A1	5:231
Air treatment installations – <i>General advice</i>	5:526
Air treatment installations – <i>Kitchen exhaust duct system</i>	5:5332
Tightness (tightness class C/ATC3)	6:255

#### 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:	Lindab Ventilation AB
Product name, and relevant article number:	Product name (article number)
Production site:	Applicable manufacturer or ID code
Traceability to the production:	(e.g. yyyy-mm-dd or batchnumber)
Information about requirements or class, if relevant:	Tightness Class C/Fire Class A1
The registered trademark of Boverket No 241 217:	
Certification Body:	Kiwa Certification AB
Accreditation number:	1913
Type Approval No:	1142
Inspection Body:	KIWA Certification AB

CERTIFIKAT

#### Kiwa Certification AB

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

**Production site(s):**

54 V Lindab Polen, S.A. Wieruchow, ul. Sochaczewska 144, 05-850 Ozarow Mazowiecki, Poland.

**Control**

The manufacturers' continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body. **KIWA Certification AB** Inspection agreement: **545/2016**

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 "Boverkets 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 DRATU, DRATMF respectively DRATMFU, dated 2021-03-31.  
Catalogue pages – Half flexible connector DRATU, DRATMF respectively DRATMFU, dated 2023-09-14  
Produkt drawings D-23 05.14798, D-07 10.14799, D-07 10.15000, dated 2013-09-06.

**The assessment basis for the approval**

Leakage test according to EN 15727 Lindab/RISE 2024  
Fire (CWFT A1)  
KIWA Inspection report dated 2023-09-07

**Comments**

BFS 2011:26 5:526; Materials in air treatment installations should be of class A2-s1,d0.  
For the system parts, a lower fire-technical class is accepted. (BFS 2011:26).  
Connectors for kitchen exhaust ducts should be designed with materials in the lowest fire-technical class E.  
Connectors can be placed against combustible material when going through shelves or cabinet sides.  
Even the top side and other smaller parts of the outer casing of cooker hoods can be placed against combustible material.

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: 2024-03-08

Registration number: 015-2024

Valid until: 2029-03-07

Previous registration number: 677-2018

**Magnus Jerlmark**

**Johnny Ostfeldt**