



SWEDISH TYPE APPROVAL 0931 WITH DECISION ON PRODUCTION CONTROL

Holder: Lindab Ventilation AB

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Access doors, series EPFH, KCU, KCIVU

Product description

Circular access door for ventilation ducts, made from steel, with or without mineral insulation, respectively with or without plasterboard. Construction, dimensions, mounting and fire class or fire technical alternatives is shown in the chart below.

Intended use

Access door for placement in ventilation ducts for which there are requirements for protection against fire spread, between fire cells.

Scope

Access door EPFH - Diameter/Nominal mm 80-630 – Fire Technical Class E 60

Access door KCU - Diameter/Nominal mm 100-400 – Fire Technical Class E 60

Access door KCIVU - Diameter/Nominal mm 100-400 – Fire Technical Class EI 60

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. Security in case of fire, 3. Protection in regard of hygiene, health and environment depending on, that what is stated in this approval is followed. The products are approved acc. to the following section(s) of “Boverkets's Building Regulations” (BBR)

Construction products with assessed properties	1:4
Fire technical alternatives (BFS 2011:27, section 4.1.3)*	5:112
Class Designations, fire technical class	5:231
Possibility of evacuation in case of fire., General advice	5:31
Air treatment installations – General advice	5:52
Air treatment installations	5:533
Material	6:11
Microorganisms**	6:24
Ventilation (Density class D)	6:25, 6:255
Heating-and cooling installations – General advice	9:51

**Microorganisms – The Air handling unit, for air supply must have a filter lowest class F7 according to EN 779.

The hatch must not be installed in ventilation ducts, distributing air containing fat or sticky substances.

For more information about fire technical alternatives*, see page 2.

Associated documents:

Mounting instructions: Lindab duct system 2019.12.17. EPFH, KCU, KCIVU,

Mounting instructions: Access doors 2019.12.16. EPFH, KCU, KCIVU,

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
Access doors, series EPFH, KCU, KCIVU
Factory code 79,
(e.g. yyyy-mm-dd or batchnumber)
According to the Type Approval
⚡
Kiwa Sverige AB
1913
0931
RISE



CERTIFIKAT

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

Control

The manufacturers' continuous internal control is combined with surveillance inspections conducted by an accredited Inspection Body. RISE, Sverige - Inspection Body: **RISE, Sverige** - Control agreement: **210-07-0174 (2018-03-21)**
 Factory production control shall be carried out in accordance with the instructions for control, date 2020-02-10.

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 instructions for control 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 factory production control. The holder shall annually, on December 15th, report to Kiwa Certification, se.bygg@kiwa.com, on the continuous factory production control conducted.

The assessment basis for the approval

Fire report SIS 02 48 20 (NT Fire) 97R1 3040 B and assessment report 97R1 3040 D from SP
 Calculations protection distance, internal assessment rule and Eurovent Certita 17-11-002
 Control agreement Lindab AB – SP Sverige 210-07-0174, 2012-05-15
 Last Control report, RISE P 800167-19A +B, 2019-02-19
 Drawings EPFH (2019-11-13)/ KCU 2019-12-17)/. KCIVU (2019-12-17)

***Comment:** Alternative Fire Technical Classes with Protection Distance – for planning:

Hatch	Diameter/Nominal mm	Alternative Fire Technical Class	Protection Distance to	
			Escaping persons 2,5kW/m2 - mm	Combustible material/interior 10kW/m2 - mm
EPFH	80	EI 15	50	50
		EI 30 - E 60	100	50
	100	EI 15 - E 30	100	50
		EI 60	150	50
	125	EI 15	100	50
		EI 30	150	50
		EI 60	150	60
	160	EI 15	100	50
		EI 30	150	50
		EI 60	200	80
	200	EI 15	150	50
		EI 30	200	50
		EI 60	250	100
	250	EI 15	200	50
		EI 30	250	60
		EI 60	300	120
	315	EI 15	200	50
		EI 30	300	70
		EI 60	400	150
	400	EI 15	350	50
		EI 30	350	90
		EI 60	500	190
	500	EI 15	350	50
		EI 30	450	110
EI 60		600	240	
630	EI 15	400	50	
	EI 30	550	130	
	EI 60	750	300	
KCU	100-400	EI 60	50	50

Comments: Mounting instruction must be attached each delivery where fire-technical alternatives are implemented. If the access doors are planned with a protection distance the installer must attach a warning sign, visible on the installation. The warning sign can be ordered from the Holder of this certificate.

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 Sverige AB.

Date of decision: 2020-02-10

Registration number: 0009/20

Valid until: 2025-02-09

Previous registration number: 1007-14



Magnus Jerlmark



Johnny Ostfeldt