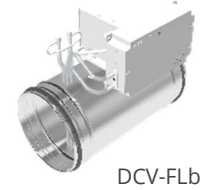


Building material declaration from Lindinvent AB



DCV-FLb

Product information

Product

Product name:	DCV-FLb	
Article No.: <i>Specify the type of number, e.g. RSK, E-number, EAN, GTIN or supplier's article number.</i>	DCV-FLb-125;-200;-250;-315;-400;-500	
Product description:	DCV-FLb is an assembly for smart airflow control. The unit is connected to Lindinvent's CAN-bus for climate control.	
Type of product:	<input type="checkbox"/> Chemical product	<input checked="" type="checkbox"/> Article
Date (year, month, day) of preparation/revision:	2022-10-05	
Comment on this document revision:	First issue: DCV-FLb is reintroduced with controller FLL updated to FLLb.	

Supplier/Manufacturer

Supplier:	Lindinvent AB
Manufacturer, if other than the supplier: <i>Voluntary information</i>	
Contact name at the supplier:	Fredrik Lenninger
Address:	Skiffervägen 39, 224 78 Lund, SWEDEN
E-mail:	Fredrik.lenninger@lindinvent.se
Phone number:	+46(0)707 40 85 41

Supporting documentation

Has a declaration of performance in line with the European Construction Products Regulation (EU) no 305/2011, been prepared for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , attach the declaration of performance with the application.		
Is the article/product an electronic product and covered by the RoHS-directive?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , a certificate is available that attests that the product corresponds to the requirements according to the latest version of the RoHS-directive.		
If the article/product is an electronic product that is covered by an exemption according to the RoHS-directive, specify which exemption and date (year, month, day) when the exemption expires if time-limited:	Exemptions according to RoHS: Date:	

Declaration of contents:

See table 1 for the full content of the article or the chemical product, *on delivery*.

Table 1. Contents of included substances and material (declaration of content in accordance with the requirements).

Included substances and materials	EC-/ CAS-number (alternatively, alloy number)	Weight% (of the entire product)	When applicable, state for which subcomponent	Weight% (of subcomponent)	Comments (state any application of non-harmonized classifications)
See product DA4		20	Damper actuator		See the separate declaration of DA4. DA4 weight: 0,7 kg
See product FFLb		9	Airflow controller		See the separate declaration of FLL. FLL weight: 0,3 kg
See product SPMF		71	Damper with airflow measuring flange		See the separate declaration of SPMF. SPMF weight: 2,5 kg

Are concentrations of the constituent substances reported down to a percentage by weight (weight percentage, wt%) of 0,01? <i>(This implies a complete declaration of contents in which all substances present in concentrations of $\geq 0,01$ wt% have been reported.)</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If no, does the declaration follow the instructions for the level accepted as described in, "Content declaration, BVB's accounting requirements, 2019-1".	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

If any deviations from Byggvarubedömningens declaration requirements exist, specify these in the comments in Table 1, or alternatively here.	Additional comments on deviations: Nothing to report
Additional general comments to the specifications in table 1: <ul style="list-style-type: none"> Total unit weight: 3,5 kg The materials are RoHS 3 Compliant. They do not include the restricted phthalates in the EU 2025/863 amendment. 	

Is the chemical composition different, for the product when applied (cured product) compared to the content at delivery? (Only for chemical products)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , specify the content of the cured product in Table 2.		

Table 2. Contents for the applied product (full content in accordance with the declarations requirements)

Included substances and materials	EC-/ CAS-number	Weight% (of the applied product)	Comments (state any application of non-harmonized classifications)
If any deviations from Byggvarubedömningens declaration requirements exist, specify these in the comments in Table 1, or alternatively here.	Other comments: Table2 is not relevant for DCV-FLb		

Does the product or any of its subcomponents contain substances with particularly hazardous properties (Substances of Very High Concern, SVHC-substances), which are included in the Candidate List at a concentration ≥ 0.1 weight%?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Building material declaration based on BVBs assessments application form adapted to meet assessment Criteria 5.0 valid from 2019-07-01.

If <i>yes</i> , specify these substances in Table 1 together with the rest of the content of the product.	
State the date (year, month, day) for control of the Candidate List.	Date: 2022-08-25
The concentration is calculated at component level established on the principle "once a product, always a product". The Candidate List is available at: http://echa.europa.eu/sv/candidate-list-table .	

Nanomaterials

Does the product contain any nanomaterial that has been purposefully added to achieve a specific function? <i>(voluntary information).</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , specify the material.	Material:	

Recycled raw material

Does the product contain recycled material?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , specify in Table 3.		

If the product consists of recycled materials specify the material and the percentages of the total weight of the product, in *Table 3*, Recycled materials.

Table 3. Recycled material.

Material	Percentage (%) <i>Recycled material of the total product's weight</i>	Percentage (%) <i>of the recycled material that has not reached the consumer level, such as production waste, etc. (pre-consumer)</i>	Percentage (%) <i>of the recycled material that has reached the consumer level (post-consumer)</i>	Comments

Wood raw material is not included. This declaration section is therefore omitted.

The production phase

Has an Environmental Product Declaration (EPD) according to ISO 14025 and EN 15804 (or equivalent for other product groups) been prepared?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Has another type of environmental product declaration been prepared?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , enclose the EPD (Environmental Product Declaration) or any other environmental product declaration together with the application.		
Has an active choice been made, regarding the electricity supplier, to promote electricity production from renewable energy sources?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If <i>yes</i> , describe the type of energy source, percentage of energy stemming from the renewable source, how long the agreement has been applied (start and end date), electricity supplier, and for which part of the production it is valid for: Hydroelectricity and Windwill electricity, 100% stemming from renewable sources, contract with fixed price from 01/03/2022 to 31/12/2022, fORTUM; valid for all production.		

Distribution of the completed product

Describe the management of packaging for the distribution of the product <i>State whether any system for taking back or recycling packaging or any other specific return system is used.</i> <i>Specify the packaging material used and which system of producer responsibility for packaging the supplier is affiliated to.</i> <i>Enter the proportion of recycled material, if any, included in the packaging.</i>	Description of the packaging: Units stacked on a reusable wooden EU-pallet wrapped in plastics with carton separators between layers of products; Pallets shipped by truck. Member of FTI in Sweden, a common system for the collectioj and recycling of packaging.
Other information: Not available	

Construction and usage phase

Are there any special requirements such as storage conditions etc. for the product during storage?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, describe:			
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, describe:			
Are there any operating/care instructions for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, attach the documentation with the application.			
Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not relevant
If yes, state class (G to A, A+, A++, A+++):	Class		

Waste management

Does the product require special measures to protect health and the environment in conjunction with demolition/dismantling?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, describe:			
Is the product covered by the WEEE-directive 2012/19/EU (Swedish ordinance (2014:1075) on Producer Responsibility for electrical and electronic products when it becomes waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Is it possible to re-use all or parts of the product? (can the product be reused within the product's expected lifetime)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
If yes, describe: It can be reprogrammed and installed again			
Is material recycling possible for all or parts of the product when it becomes waste?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
If yes, describe: The steel in SPMF can be recycled.			

Building material declaration based on BVBS assessments application form adapted to meet assessment Criteria 5.0 valid from 2019-07-01.

Is energy recycling possible for all or parts of the product when it becomes waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier have any restrictions and recommendations for reuse, material- or energy recycling or disposal?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , specify which:		
When the supplied product becomes waste, is it classified as hazardous waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , specify the waste code: The Swedish waste ordinance (2011:927) https://www.notisum.se/rnp/sls/lag/20110927.htm	Waste code:	

Indoor environment

Has the product a critical moisture condition: <i>Information regarding whether critical moisture conditions leading to microbial growth apply for the material/product should be stated but will not impact the assessment.</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>Yes</i> , specify which:		
Is the article (or chemical product) intended for indoor use?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If <i>yes</i> , has emission data been produced for volatile organic compounds?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , attach the report/certificate together with the application.		
If <i>no</i> , is there any motivation for why emission data for volatile organic compounds is not relevant for the product?	Motivation: No reported emissions	

Additional declaration documentation

- Byggvarubedömningen's Certificate of substance content and concentrations, Version 5.0.
This certificate is issued in a separate document.