

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

## Natural smoke and heat exhaust ventilator

for fire safety use in natural smoke and heat exhaust systems, with specifications and performances as specified on page 2 in this certificate.

### Product name: CSP 100100 and CSP 120120

placed on the market under the name or trademark of

#### Velux A/S

Ådalsvej 99  
DK-2970 Hørsholm, Denmark

and produced in the manufacturing plant

**Partizánske Building Components-SK s.r.o.**, PBC-SK Malobielická Ulica 1, SK-958 04 Male  
Bielice, Slovakia

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard

### EN 12101-2:2003

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

### constancy of performance of the construction product.

This certificate was first issued on 2011-01-11 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402  
The validity of this certificate can be verified on our website.

Martin Tillander  
Director Product Certification

Certificate 0402-CPR-SC0489-10 | issue 5 | 2022-02-28

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## Specification

Dual purpose NSHEV, intended for comfort ventilation as well as smoke and heat exhaust ventilation under fire conditions. The opening of the NSHEV is type B. The NSHEV is not equipped with wind deflectors.

The ventilator is for roof mounting, and is tested with and without side wind.

Cover consisting of an insulated glass unit and an outer dome shaped cover of acrylic or polycarbonate. Awning blind MSG can be mounted between the glass unit and the outer dome shaped cover. Frame/sash made of insulated PVC.

Frame height: 300 mm

Opening height: 520 mm

Vertical opening mechanism, with two similar chain motors type: 3FM F30 WW/WMU- 888-FRW

Necessary characteristics of the external energy source: 24VDC 10A

Sizes (outside dimensions = roof opening)

CSP 100100: 1000 x 1000 mm

CSP 120120: 1200 x 1200 mm

## Performance

CSP type	Frame height (mm)	A <sub>v</sub> [m <sup>2</sup> ]	A <sub>A</sub> [m <sup>2</sup> ]	C <sub>v</sub>	C <sub>v0</sub>
100100	300	1,13	0,47	0,42	0,60
120120	300	1,48	0,64	0,43	0,58

Reliability

Re 1000

Snow load

SL 1000 for CSP 100100

SL 500 for CSP 120120

Low ambient temperature

T(-15)

Wind load

WL 3000

Resistance to heat

B 300

Reaction to fire classification

B-s1,d0