



Certificate of constancy of performance

0402 - CPR - SC0489-10

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Natural smoke and heat exhaust ventilator

as specified in appendix to this certificate,
for use in smoke and heat control systems

Product name: CSP 100100, CSP 120120

produced by or for

Velux A/S
Ådalsvej 99
DK-2970 Hørsholm
Denmark

and produced in the manufacturing plants

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 performances set out in this certificate are applied and that

the construction product fulfils all the prescribed requirements for these performances.

This certificate was first issued on 2015-01-20 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

2015-01-20

SP Technical Research Institute of Sweden
Certification, Notified Body No. 0402

Lennart Aronsson
Product Certification Manager

Martin Tillander
Certification officer



Certificate of constancy of performance

0402 - CPR - SC0489-10 appendix

Natural smoke and heat exhaust ventilator, *CSP 100100, CSP 120120*

For use in smoke and heat control systems, in construction works.
Dual purpose ventilator, intended for comfort ventilation as well as
smoke and heat exhaust ventilation under fire conditions.

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

Specifications:

Cover existing 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

Vertical opening mechanism, with two similar chain motors type:

3FM F30 WW/WMU- 888-FRW

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

Opening height: 520 mm

Sizes (outside dimensions = roof opening)

CSP 100100: 1 000 x 1 000 mm

CSP 120120: 1 200 x 1 200 mm

Performance/Classification:

CSP type	frame height (mm)	A_v (m ²)	A_A (m ²)	C_v	C_{v0}
100100	300	0,88	0,42	0,48	0,69
120120	300	1,30	0,58	0,45	0,65

Reliability

Re 1 000

Snow load

SL 1 000 for CSP 100100

SL 500 for CSP 120120

Low ambient temperature

T(-15)

Wind load

WL 3 000

Resistance to heat

B 300

Reaction to fire classification

E