



CERTIFIKAT

0402 - CPD - SC0003-10

EC-Certificate of Conformity

In compliance with the Directive 89/106/EEC of the Council of European communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive – CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, and implemented in Swedish law by BVL, it has been stated that the construction product

Smoke Ventilators AWS 57 RO

Natural smoke and heat exhaust ventilator for use in Construction Works
as specified in appendix to this certificate

placed on the market by

WindowMaster A/S

Skelstedet 13

DK-2950 VEDBÆK

Denmark

and produced at the factory located in

Svendborg, Denmark

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body

SP Technical Research Institute of Sweden

has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.


This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard EN 12101-2:2003 were applied and that the product fulfils all the prescribed requirements.

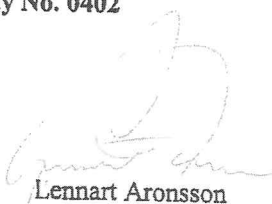
This certificate was first issued on 12th January 2010 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory production and the FPC itself are not modified significantly or at the latest until 12th January 2015.

This is issue no. 4.

Borås 29th June 2010

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


Lennart Månsson
Certification Manager


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Swedish Notified Bodies are appointed by SWEDAC, the Swedish Board for Accreditation and Conformity Assessment, under the terms of Swedish legislation.
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Smoke Ventilators

Natural smoke and heat exhaust ventilator for use in Construction Works, mounted as a part of glazed partitions

Schüco AWS 57 RO

Installation angle 0-90°

Outwards opening – Top hung, bottom hung, side hung

Description and Designations

Frame/sash	Aluminium profiles
Glazing	Insulated glass units
Sizes	See graphs 1-3
Maximum weight (opening part):	139 kg
Opener	Electrical motors
	WMS 409-EN
	WMS 409S-EN
	WMS 409M-EN
	WMS 409-1-EN
	WMS 409-2-EN
	WMU 866-EN
	WMU 866S-EN
	WMU 866M-EN
	WMU 866-1-EN
	WMU 866-2-EN
	WMU 8xx-1-EN*
	WMU 8xx-2-EN*
	* Opening time max 60 sec and pressure force according to calculated SL

$C_{v0} =$ See graph B1

Classification	
Resistance to Fire	B 300
Reliability	Re 1000(+ 10 000)
Snow load	See graphs D1-D4
Temperature	T(-05)
	T(-15)
Wind load	See graphs F1-F3
Reaction to fire classification:	A1

The relation between area, number of motors, type of motor(s), and snow load classification can be seen from graphs D1-D2.