

Certificate of constancy of performance

0761-CPR-0417

Z-3/945/06 (no. of agreement)

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

construction product

Powered smoke and heat exhaust ventilators

Axial Smoke Exhaust Ventilators, types

AXV-AL/AXVB-AL 250 mm ... 2,500 mm

RXV-AL/RXVB-AL 250 mm ... 2,000 mm

AXG-AL/AXGB-AL 250 mm ... 2,500 mm

BXV-AL/BXVB-AL 250 mm ... 400 mm

Class according to EN 13501-4:2007+A1:2009: F₃₀₀ 60

produced by or for

**Wolter GmbH
Maschinen- und Apparatebau KG
Am Wasen 11
76316 Malsch
Germany**

in the manufacturing plant

Malsch (Germany).

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

EN 12101-3:2015

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 has an annex with two pages. It was first issued on 2015-02-02. The validity begins on 2023-04-14 and will remain valid until 2028-04-13, as neither the harmonised standard, the construction product, the AVCP method nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the product certification body.

Braunschweig, 2023-04-14

Dr.-Ing. Sven Lehmborg
(Head of certification body)

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Additional information on Axial Smoke Exhaust Ventilators, types AXV-AL/AXVB-AL, RXV-AL/RXVB-AL, AXG-AL/AXGB-AL, BXV-AL/BXVB-AL

Mechanically driven exhaust appliances for smoke and heat (fans), smoke removal ventilator				
Classification			Basis	
	Class	Temperature (°C)	Time (min)	
<input checked="checked" type="checkbox"/>	F ₃₀₀	300	60	see below
Free classification for purely informative purposes			Basis	
<input checked="checked" type="checkbox"/>	F _{f300}	300	120	see below
Position of the ventilator and thermal insulation, if applicable			Basis	
<input checked="checked" type="checkbox"/>	Outside of the building			see below
<input checked="checked" type="checkbox"/>	Inside the building, outside of the smoke compartment			see below
<input checked="checked" type="checkbox"/>	In the smoke compartment			see below
<input checked="checked" type="checkbox"/>	Not thermally insulated (AXV-AL, RXV-AL, AXG-AL, BXV-AL)			see below
<input checked="checked" type="checkbox"/>	Thermally insulated (AXVB-AL, RXVB-AL, AXGB-AL, BXVB-AL)			see below
Installation			Basis	
<input checked="checked" type="checkbox"/>	Fan upright, motor shaft horizontal			see below
<input checked="checked" type="checkbox"/>	Fan parallel to the wall, motor shaft horizontal			see below
<input checked="checked" type="checkbox"/>	Fan hanging, motor shaft horizontal			see below
<input checked="checked" type="checkbox"/>	Fan upright, motor shaft vertical			see below
<input checked="checked" type="checkbox"/>	Fan hanging, motor shaft vertical			see below
<input checked="checked" type="checkbox"/>	Motor shaft vertical, impeller under motor			see below
<input checked="checked" type="checkbox"/>	Motor shaft vertical, impeller above motor			see below
<input checked="checked" type="checkbox"/>	Motor upstream			see below
<input checked="checked" type="checkbox"/>	Motor downstream			see below
Flexible connectors			Basis	
<input checked="checked" type="checkbox"/>	Flexible inlet duct on the inlet side			see below
<input checked="checked" type="checkbox"/>	Flexible inlet duct on the outlet side			see below
<input checked="checked" type="checkbox"/>	Flexible inlet duct on the inlet and outlet side			see below
Cooling air			Basis	
<input checked="checked" type="checkbox"/>	No cooling air required			see below
Snow load, wind load			Basis	
<input checked="checked" type="checkbox"/>	Opening under wind load in a defined period of time ¹⁾			see below
<input checked="checked" type="checkbox"/>	Opening under snow load in a defined period of time ²⁾			see below

¹⁾ in conjunction with blow-out bonnet RUM, < 30 s

²⁾ in conjunction with blow-out bonnet RUM, < 30 s, SL500

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Institut für Baustoffe, Materialprüfanstalt für das Bauwesen
 Massivbau und Brandschutz

Accessories		Basis
<input checked="checked" type="checkbox"/>	Mounting feet horizontal/vertical MF	see below
<input checked="checked" type="checkbox"/>	Brackets vertikal MP	see below
<input checked="checked" type="checkbox"/>	Spring anti-vibration element FSD	see below
<input checked="checked" type="checkbox"/>	Cupmount- Vibration damper C...	see below
<input checked="checked" type="checkbox"/>	Counter flange GL	see below
<input checked="checked" type="checkbox"/>	Flat flange FL	see below
<input checked="checked" type="checkbox"/>	Motor-driven blow-out bonnet RUM	see below
<input checked="checked" type="checkbox"/>	Inlet ED	see below
<input checked="checked" type="checkbox"/>	Cover grille WG	see below
<input checked="checked" type="checkbox"/>	Silencer SD-AX 1D/2D (optional Inlet, Core, Deflector)	see below
<input checked="checked" type="checkbox"/>	Elastic Connection EV 400 °C	see below
<input checked="checked" type="checkbox"/>	Kit Elast. Connection EVM 300 °C / 400 °C	see below
<input checked="checked" type="checkbox"/>	Inspection hatch AXV-RK	see below
<input checked="checked" type="checkbox"/>	Automatic non-return flap LRK	see below
<input checked="checked" type="checkbox"/>	Repair switch GS2HT / GS3HT	see below
<input checked="checked" type="checkbox"/>	Tail fin NL	see below
<input checked="checked" type="checkbox"/>	Diffuser DF	see below
<input checked="checked" type="checkbox"/>	Terminal box TB, KLG	see below
<input checked="checked" type="checkbox"/>	Vibration sensors	see below
<input checked="checked" type="checkbox"/>	Demolition switch	see below
<input checked="checked" type="checkbox"/>	Safety chains	see below
Application classes		Basis
<input checked="checked" type="checkbox"/>	Dual purpose, Ventilation and Smoke extraction	see below
<input checked="checked" type="checkbox"/>	Emergency pull-off device	see below

Basis:

Test report no. 3034/093/10-C5.1 of 2011-09-09, 3166/896/13-C5.1 of 2014-08-04, 15/10459-2986 M1 of 2016-01-14

----- End of the certificate of constancy of performance -----