

This certificate of compliance validates the following

TEST REPORT NUMBER:	1. 2400/293/15 2. 3478/549/14	CERTIFICATE NUMBER:	MPA BS-Z-070/17
DATE OF ISSUE:	1. 08.12.2015 2. 13.04.2016	DATE OF ISSUE:	04.10.2022
DATE OF EXPIRY:	N/A	DATE OF EXPIRY:	03.10.2027

**NAME OF FACTORY/
MANUFACTURER:** Wolter GmbH & Co. KG

**FACTORY
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**NAME OF THE
BRAND:** Powered smoke and heat
exhaust ventilator

MODEL/NO: AXV

**LOGO ON THE
PRODUCT:**



**DESCRIPTION OF THE
PRODUCT:** Powered fans to be used for exhausting smoke and heat from buildings in case of fire. Such fans create smoke free areas making it easier for people to leave and for the fire fighters to enter the building. For smoke control purposes powered fans can also be used for staircase pressurization.

TEST STANDARD: EN 12101-3/AC:2005, ISO 21927-3:2006-11

TEST DESCRIPTION: Smoke and heat exhaust ventilators with nominal diameters between 400 mm and 2,000 mm have been tested at a temperature of 400°C. The fans maintained their function for at least 135 min including a restart at after power off for 2 min.

**SPECIFICATION OF
TEST SPECIMEN:** The fans were tested mounted horizontally and vertically in a furnace. They may be used for both functions.

TEST RESULT:	MAINTENANCE OF FUNCTION	INTERPRETATION	RESULT
	400°C FOR 120 MIN	SUCCESSFUL	PASS

NAME OF TEST FACILITY: MPA Braunschweig

**TEST FACILITY
ADDRESS/REGION:** Beethovenstr. 52, D-38106 Braunschweig
Tel: ++49(0) 531 391 5400, Fax: ++49(0) 531 391 5900
Email: info@mpa.tu-bs.de, Website: www.mpa-tu-bs.de

**PRODUCT APPLICATION
GUIDELINE (END USE):** The fan should be mounted horizontally or vertically inside or outside the fire zone or outside of a building. In case of fire, it can be used to exhaust smoke and heat but it may also be part of a general ventilation system.
Range of diameters: 400 mm ... 2,000 mm

SIGNED BY: Dr. Ing. S. Lehmberg
Head of Certification

The above certificate is valid only when installed in accordance with the 'Product Application Guideline (End Use)'. To verify the validity of the product please log into our website, click on 'others' and then on 'certificates'. You will find a list of manufacturers and a certificate with the number as given above.



ACCREDITED BY: DAKKS
AS PER: ISO/IEC 17065
VALIDITY: N/A
REFERENCE NUMBER: D-ZE-11267-01-00

DAKKS
ISO/IEC 17025
N/A
D-PL-11267-01-02

THE LIST OF ACCREDITED TESTS (FIRE AND LIFE SAFETY PRODUCTS ONLY)

TEST STANDARD	TITLE
EN 12101-1	Smoke and heat control systems – Part 1: Specification for smoke barriers
EN 12101-2	Smoke and heat control systems – Part 2: Specification for natural smoke and heat exhaust ventilators
EN 12101-3	Smoke and heat control systems – Part 3: Specification for powered smoke and heat exhaust ventilators
EN 12101-6	Smoke and heat control systems – Part 6: Specification for pressure differential systems, Kits
EN 12101-7	Smoke and heat control systems – Part 7: Smoke duct sections
EN 12101-8	Smoke and heat control systems – Part 8: Smoke control dampers
EN 1366-8	Fire resistance tests for service installations – Part 8: Smoke extraction ducts
EN 1366-9	Fire resistance tests for service installations – Part 9: Single compartment smoke extraction ducts
EN 1366-10	Fire resistance tests for service installations – Part 10: Smoke control dampers
EN 13501-4	Fire classification of construction products and building elements – Part 4: Classification using data from fire resistance tests on components of smoke control systems