

This certificate of compliance validates the following

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|---------------------|----------------------------|---------------------|-----------------|
| TEST REPORT NUMBER: | 2400/293/15 3478/549/14 | CERTIFICATE NUMBER: | MPA BS-Z-048/16 |
| DATE OF ISSUE: | 2015-12-08 2016-04-13 | DATE OF ISSUE: | 2016-05-09 |
| DATE OF EXPIRY: | N/A | DATE OF EXPIRY: | 2021-05-08 |

NAME OF FACTORY/
MANUFACTURER: **Wolter GmbH
Maschinen- und Apparatebau KG**

NAME OF THE BRAND: **Powered smoke and heat
exhaust ventilator**
MODEL/NO: **AXV**
LOGO ON THE PRODUCT:

CERTIFICATION
MARK:

FACTORY ADDRESS/REGION: **Am Wasen 11
D-76316 Malsch
Germany
Tel: +49 (0) 7204/9201-0
Fax: +49 (0) 7204/9201-11
Email: info@wolter.eu**



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 1,600 mm have been tested at a temperature of 400°C. The fans maintained their function for more than 125 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: **Beethovenstr. 52, D-38106 Braunschweig**
ADDRESS/REGION: **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:



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 | DAkks |
| AS PER: | ISO/IEC 17065 | ISO/IEC 17025 |
| VALIDITY: | 1st NOVEMBER 2017 | 18th MARCH 2017 |
| REFERENCE NUMBER: | D-ZE-11267-01-00 | D-PL-11267-03-00 |

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 |

