

Axial Flow Fans ZerAx AZN ATEX and AZW EX

The ZerAx AZN ATEX are unidirectional axial flow fans that comply with the ATEX directive 94/9/EU for equipment in explosive atmospheres and environments. The fans are suited for removal of hot smoke in connection with fires as well as transport of polluted air and of hazardous gases.

Product facts

- For duct installation
 - Impeller diameters
 - ATEX: 13 sizes from Ø250 to Ø1250 mm
 - EX: 9 sizes from Ø500 to Ø1250 mm
 - Hub sizes
 - ATEX: Ø160 or Ø350 mm
 - EX: Ø350 mm
 - Fan casing thicknesses
 - ATEX: 2 or 4 mm
 - EX: 10 mm
 - Airflow rates from 0.1 to 42 m³/s
 - Pressures up to 3300 Pa
 - Efficiencies up to 92%
 - Adjustable blade angles
 - Fan casing of AluZink (light motors) or galvanised steel (heavy motors)
 - Impeller, guide vanes and motor mount of aluminium
 - Classifications
 - ATEX: Category 2G/D according to EU directive 2014/34/EU
 - EX: Non-sparking fans according to guideline IACS F29/2005
 - Accessories for mounting, connection, sound attenuation, safety and regulation
 - Optional: execution as standard temperature fan ([AZN](#) or [AZW](#))
 - Product configuration with [AirBox™](#)
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Axial Flow Fans NovAx ACN ATEX and ACW ATEX

The NovAx ACN and ACW ATEX and EX are unidirectional axial flow fans that comply with the ATEX directive 94/9/EU for equipment in explosive atmospheres and environments. The fans are suited for removal of hot smoke in connection with fires as well as transport of polluted air and of hazardous gases.

Product facts

- For duct installation
 - Impeller diameters
 - ATEX and EX: 14 sizes from Ø250 to Ø1600 mm
 - Hub sizes
 - ATEX and EX: 7 sizes from Ø160 to Ø578 mm
 - Fan casing thicknesses
 - ACN: 2, 3 or 4 mm
 - ACW: 6 or 10 mm
 - Airflow rates from 0.1 to 65 m³/s
 - Pressures up to 2000 Pa
 - Efficiencies up to 83%
 - Adjustable blade angles
 - Fan casing of galvanised steel
 - Impeller and hub of aluminium
 - Classifications
 - ATEX: Category 2G/D according to EU directive 2014/34/EU
 - EX: Non-sparking fans according to guideline IACS F29/2005
 - Accessories for mounting, connection, sound attenuation, safety and regulation
 - Optional: execution as [ACN and ACW standard temperature fans](#) and as [ACN standard range fans](#)
 - Product configuration with [AirBox™](#)
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Centrifugal Fans CAL ATEX

The CAL are robust centrifugal flow fans that comply with the ATEX directive 94/9/EU for equipment in explosive atmospheres and environments. The fans are suited for removal of hot smoke in connection with fires as well as transport of polluted air and of hazardous gases.

Product facts

- For flange connection
- 9 sizes with impeller diameters from Ø400 to Ø1250 mm
- Airflow rates
 - 0.3 to 21 m³/s
 - 1100 to 75600 m³/h
- Pressures up to 8500 Pa
- Direct coupled
- Backward-curved blades
- Motor and impeller can be dismantled from the motor side
- Housing, impeller, brackets and guide vanes of steel
- Surface treatment of hot-dip galvanisation
- Classifications
 - ATEX: Category 2G/D according to EU directive 2014/34/EU
- Accessories for mounting, connection, safety and regulation

- Optional: Execution as [standard temperature fans](#)
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Centrifugal Fans CNA CNB EX

The CNA-CNB are low-pressure centrifugal flow fans for operation in non-corrosive environments. The design is for universal installation in light industrial plants.

Product facts

- For flange connection
 - Impeller diameters
 - CNA: 9 sizes from Ø250 to Ø1000 mm
 - CNB: 7 sizes from Ø400 to Ø1000 mm
 - Airflow rates
 - CNA: 0.2 to 14 m³/s (720 to 50400 m³/h)
 - CNB: 0.8 to 18 m³/s (2880 to 64800 m³/h)
 - Pressures
 - CNA: Up to 1000 Pa
 - CNB: Up to 1500 Pa
 - Direct coupled or belt-driven versions
 - Backward-curved blades
 - Low sound level
 - Can be mounted in any position
 - Housing and impeller of hot-dip galvanised sheet steel
 - Accessories for mounting, connection, safety and regulation
 - Corrosion category C2 according to DS/EN ISO 12944-2
 - Product configuration with [AirBox™](#)
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Centrifugal Fans CND CNF ATEX

The CND-CNF are low and medium pressure centrifugal flow fans that comply with the ATEX directive 94/9/EU for equipment in explosive atmospheres and environments. The fans are suited for removal of hot smoke in connection with fires as well as transport of polluted air and of hazardous gases.

Product facts

- For flange connection
- 7 sizes with impeller diameters from Ø315 to Ø710 mm
- Airflow rates
 - CND: 0.2 to 10 m³/s (700 to 36000 m³/h)
 - CNF: 0.2 to 11 m³/s (700 to 39600 m³/h)
- Pressures
 - CND: Up to 2000 Pa
 - CNF: Up to 4000 Pa

- Direct coupled or belt-driven versions
- Backward-curved blades
- Low sound level
- Can be mounted in any position
- Excellent operating economy
- Housing and impeller of hot-dip galvanised sheet steel
- Classifications
 - ATEX: Category 2G/D according to EU directive 2014/34/EU
 - Corrosion category C5-I (very high) according to DS/EN ISO 12944-2
- Accessories for mounting, connection, safety and regulation
- Optional: Execution as [standard temperature fans](#)