

ATEX Fans

Most of COMET's fans can be supplied in the ATEX certified version (Directive 94/9/EC).

Series AF/AFT/AFH/AFTH/CNX are always available in ATEX versions.

All these fans are equipped with motors and components of leading brands and are rigorously certified.

Materials and components are checked and recorded for complete traceability.

Design, manufacture and testing are carried out by COMET in accordance with the procedures established by the COMET ATEX Technical File, filed with ICIM (ATEX Notified Body).

COMET products are certified for the following categories:

Group II, category 3G

Group II, category 3D

Group II, category 2G

Group II, category 2D

The general characteristics and the performances of the products do not vary when they are produced in the ATEX versions.

At the same time, it is still available an high grade of customization according to the installation needs and the project specifications.

Applications

Refineries

Chemical plants

Turbines

Plants and installations with presence of dangerous gas or dust



GENERAL CHARACTERISTICS

- Impellers in carbon steel, stainless steel, aluminium, FRP or PAGAS
- Three-phase motors IP55/IP65, with Class F or H insulation, T3/T4, Ex-N/Ex-d, 50/60 Hz, suitable for inverter supply
- Casings in carbon steel or stainless steel, electro-welded, with bolted anti-spark track
- Finishing by 3-layers epoxy-pack painting, certified for 500 hours salt mist test resistance, or hot-dip galvanization
- Cables and electrical components made by leading brands and certified
- ATEX certificate and running test report is supplied with each unit

Wide range of ancillary parts and customizations.
 Versions with special materials, special dimension, motors according to customer’s specifications.

Series	Diameters [mm]	Characteristics	Power [kW]
AF-Ex	400 ÷ 2400	Medium-performance direct drive Axial	0.55 ÷ 90
AFT-Ex	1000 ÷ 4800	Belt driven Axial	1.5 ÷ 75
AFH-Ex	400 ÷ 1800	High Performance Axial	1.1 ÷ 90
AFTH-Ex	200 ÷ 700	Belt-Driven High Performance Axial	0.55 ÷ 30
CNX-Ex	400 ÷ 1400	Centraxial	1.5 ÷ 55

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