KAESER COMPRESSORS HPC

ATEX Certified Blowers

MAXIMUM SAFETY, RELIABILITY & FLEXIBILITY FOR HAZARDOUS ENVIRONMENTS

Expertly engineered with a comprehensive approach to safety, design, energy efficiency and quality, **KAESER HPC ATEX Certified Blowers** are robust and ready for anything including operation in Zone 2 (Gas) and Zone 22 (Dust) Hazardous Areas.

A comprehensive range of **ATEX Zone 2 / 22 certified** single-block blowers ensure maximum safety, reliability and flexibility within a hazardous environment. Each bespoke package is designed and certified in accordance with **ATEX 2014/34/EU**

The KAESER HPC approach to safety design and quality guarantees optimal return on investment, outstanding energy efficiency and maximum availability combined with global support and a rapid response service and support network.

The range of **KAESER HPC ATEX Certified** explosion proof blowers (full product details in brochure **P960ED**) includes:

BB69C - BB89C
CB 111C - CB 131C
DB 166C - DB236C
EB 291C - EB421C
FB 441C - FB621C
FB791C

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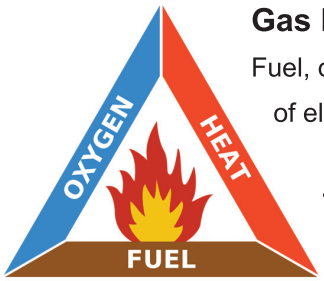
3D
3G

ATEX Certified Blowers
Zone 22 Dust - Zone 2 Gas

Dust Explosion Pentagon:

Fuel, oxygen and heat - this combination of elements will produce a simple fire but is not enough to create an explosion. Add two more elements, dispersion and confinement, and you have the five elements needed to create a dust explosion.



Gas Explosion Triangle:

Fuel, oxygen and heat - this combination of elements will create a gas explosion.

The three basic elements needed to create a gas explosion:

1. Fuel to burn (liquid or gas)
2. Oxygen to sustain the fire (air)
3. Heat from an ignition source (a spark)

ATEX Ɛx Machine Options include:

- ✓ Vacuum and Pressure Blower Models
- ✓ Available with Sound Enclosure
- ✓ Zone 2 (3G) & Zone 22 (3D)
- ✓ Configurable Switches, Sensors, Gauges & Enclosure Heaters
- ✓ Zone 1 (2G) & Zone 21 (2D) on Request

ATEX Ɛx Options include:

- ✓ Pressure Gauge (Standard)
- ✓ Pressure Transducer
- ✓ Pressure Switch
- ✓ Filter Differential Pressure Indicator (Std)
- ✓ Differential Pressure Transducer
- ✓ Differential Pressure Switch
- ✓ Temperature Switch
- ✓ Temperature Gauge
- ✓ Enclosure Heaters
- ✓ Speed Sensor

ATEX derives its name from the French title of the 94/9/EC directive “Appareils destinés à être utilisés en **AT**mosphères **EX**plosives". The **ATEX** Directive applies to all electrical and mechanical equipment and protective systems which are located within potentially hazardous and explosive environments

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3D
3G