

Centrifugal Extraction Fans for Corrosive Applications



To ensure safety, **SEAT** fans are specifically designed for extraction of gases, vapours and fumes in toxic and corrosive environments.



FANTECH
Intelligent Ventilation

A Long Lasting and Dependable Design

The SEAT fan range is constructed with cowls with centrifugal impellers that are made of polypropylene that is chemical resistant to most products used in laboratories. These may include strong mineral acids, caustic and ammoniac solutions, inorganic saline solutions and organic and detergent products. Where metallic fans are prone to corrosion, the long-lasting, SEAT fan product will continue to function flawlessly.

There is a wide variety of sizes, mounting arrangements, and types of SEAT fans available to enable flexibility of installation. Whether it is one or several SEAT fans, an arrangement and fan selection can be tailored to ensure the most energy efficiency solution is found.

Areas of application

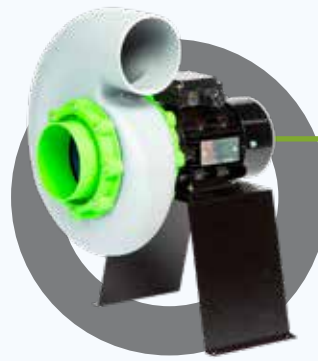
- Laboratories
- Chemical industry
- Water treatment plants
- Hospitals
- Electroplating
- College and universities



SEAT Series

Designed to exhaust fumes from corrosive environments such as laboratory, fume cupboards, battery rooms and chemical plants. Includes a high density, UV treated polypropylene housing and impeller to ensure maximum protection against acids and corrosion.

- Cowl rotates to 8 discharge positions by 45° increments
- Stainless steel hardware
- Forward curved centrifugal impeller
- Direct drive, asynchronous motor, single or three phase, IP55
- Explosion proof motors available on request.
- Five models with air flows from 50 to 9000 m³/h
- 10 to 1400Pa total pressure



SEAT 15
Air flow rate:
50-700 m³/h



SEAT 20
Air flow rate:
200-700 m³/h



SEAT 25
Air flow rate:
500-3000 m³/h



SEAT 30
Air flow rate:
700-4500 m³/h



SEAT 35
Air flow rate:
1800-9000 m³/h



JET Series

These roof mounted inline centrifugal fans with vertical discharge are suitable for operation in highly corrosive applications such as laboratory exhaust or the chemical industry. JET fans generate a high plume to ensure maximum dilution of gases in the environment with a motor that is fully enclosed and protected from the corrosive airstream.

- High density, UV treated polypropylene housing and impeller
- Stainless steel hardware
- Forward curved centrifugal impeller
- Direct drive, asynchronous motor, single or three phase, IP55
- Explosion proof motors available on request
- Three models with air flows from 300 to 3500 m³/h
- 80 to 800 Pa total pressure



STORM Series

The STORM Series is a centrifugal type medium pressure fan suitable for operation in corrosive applications such as fume capture arms, gas scrubbers or chemical cabinets.

- Cowl rotates to 8 discharge positions by 45° increments
- High density, UV treated polypropylene housing and impeller (STORM 10 Polyethylene)
- Stainless steel hardware
- Forward curved centrifugal impeller
- Direct drive, asynchronous motor, single or three phase, IP55
- Explosion proof motors available on request.
- Four models with air flows from 25 to 1800 m³/h
- Up to 3000 Pa total pressure



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Specifications and design subject to change without notice.