

RADIAL FANS





Type MXE:

The drive is mounted immediately above the motor shaft and the impeller is mounted on the motor shaft.



Type MAE:

The drive is mounted immediately above the motor shaft and the impeller is mounted on the motor shaft. This type is suitable for use with separators, filters etc.



Type KXE:

The fan is driven by a coupling between the motor shaft and the fan shaft. The fan is specially mounted on two anti-friction bearings.

ceATec supplies radial fans for a wide range of applications.

The pressure class ranges from 500 Pa up to 25,000 Pa. The volume flow rate ranges from 300 m³/h to 750,000 Bm³/h. The maximum available drive power is 1,000 kW. The maximum temperature is 600°C.

**Type RHE:**

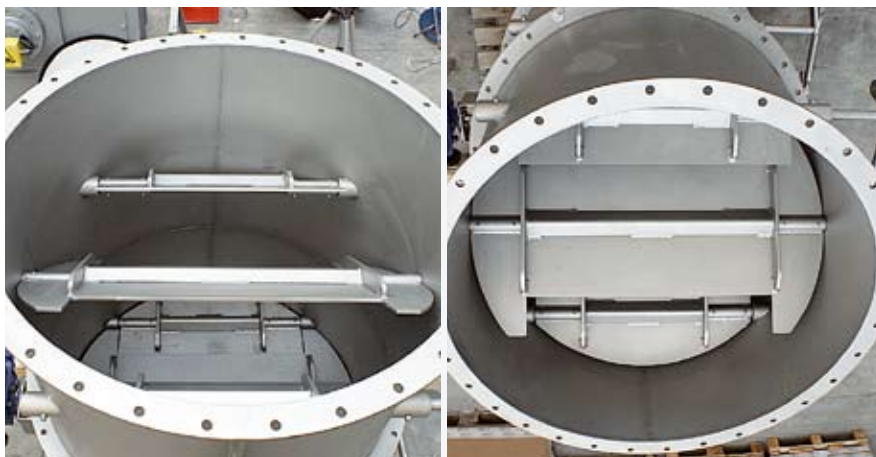
A belt drive connects the motor shaft to the fan shaft. The fan is specially mounted on two anti-friction bearings. The motor is situated behind on the base frame.

**Type RGE:**

A belt drive connects the motor shaft to the fan shaft. The fan is specially mounted on two anti-friction bearings. The motor is mounted laterally on the base frame. The rotational direction, design and position of the motor can be adjusted according to individual needs.

A wide range of impellers may be employed. The choice of impeller depends on the media (clean air, air containing dust, fibres etc.).

Both the housing and the impeller may be constructed from various materials.



Accessories and safety mechanisms:

- Vibration monitoring
- Anti-vibration mounts
- Rotation monitoring
- Temperature monitoring for bearings and drive
- Control devices (vane control mechanism, adjustment flaps, frequency convertors)
- Compensators
- Noise control devices (acoustic cabins, circular silencers, sound baffles, motor acoustic hoods)
- Inspection aperture
- Condensate drain nozzle
- Housing insulation
- Preparation for housing insulation

Areas of application:

Radial fans can be supplied for the following application areas:

- Wood and derived timber products industries
- Foodstuffs industry
- Stone – earth – cement
- Chemical industry
- Iron and steel industry
- Environment and energy
- Special applications: (hot gas extraction, conveying explosive gas mixtures, gas-tight extraction)

ATEX:

all radial fans can be supplied in compliance with EC Machinery Directive 94/9/EC.

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