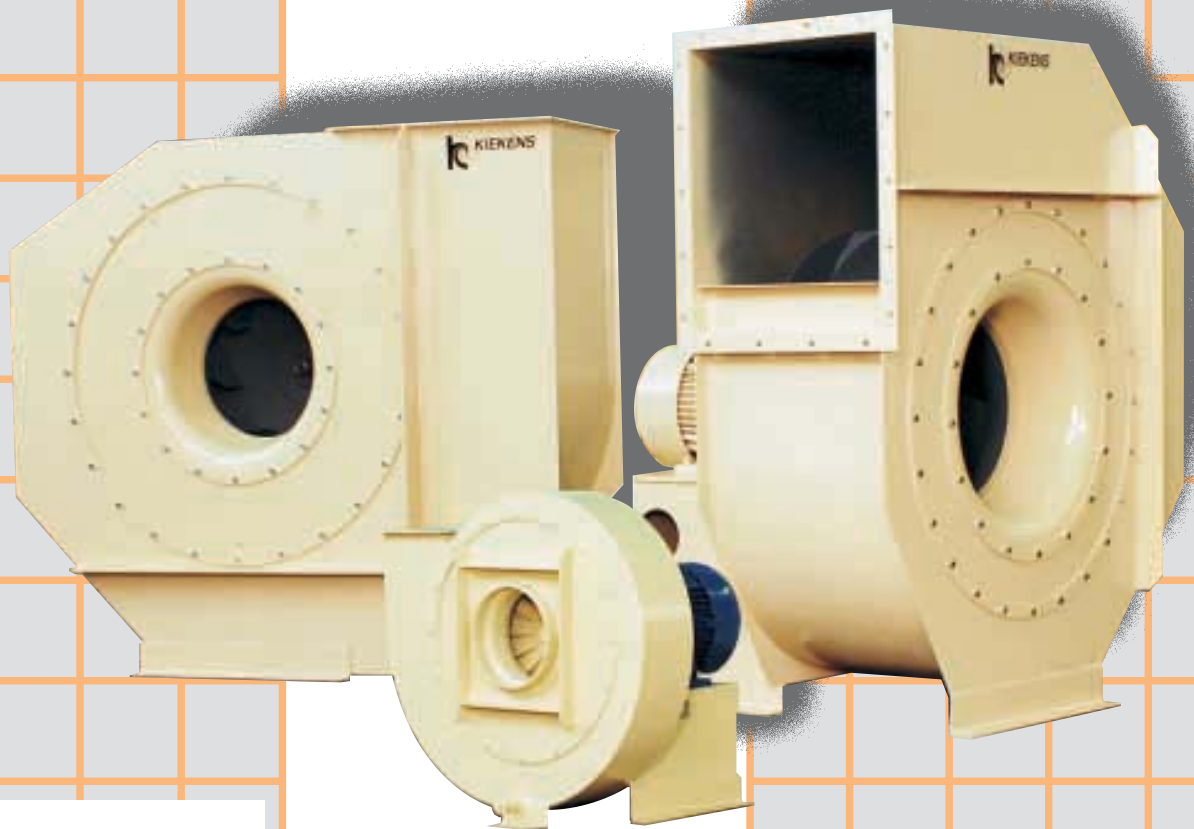


KIEKENS industrial fans

- Motor capacity up to more than 300 kW
- Low, medium and high pressure fans
- Direct drive by impeller on motorshaft, indirect drive through flexible coupling or belt transmission
- Suitable for clean air, dust-loaded air or material conveyance
- For indoor or outdoor use



KIEKENS

leaders in industrial vac



Kiekens Products

Since 1907 Kiekens Products has been manufacturer of mobile and stationary industrial vacuum cleaners, dedusting installations and industrial fans. Because of many years' experience and continuous study Kiekens Products manufactures eminent, certified quality products for both high vacuum and low vacuum applications.

Industrial fans

Kiekens Products has an extensive assortment of industrial fans. The robust high quality sheet steel construction make the fans extremely reliable in operation. They are very efficient, virtually maintenance free and have a low noise level. Due to the modular construction using standard components, Kiekens Products can supply an extensive range of types and models. The following industrial fans can be distinguished:



Clean air fans

A range of centrifugal fans suitable for low and medium pressure applications and specially developed for maintaining negative and/or positive pressure. These fans are suitable for dust filtration systems, combustion air supply, ventilation, vapour exhaust, etc. They are highly efficient and have an overloading protection for the electric motor.

Dust-loaded air fans

These fans are comparable with the clean air fans, but are fitted with radial blade impellers to prevent fouling, making them suitable for transporting fine materials and powders.



PRODUCTS

vacuum cleaning technology

Conveyance fans

Characteristic for these fans is that their impellers have radial blades and no front cover which makes them suitable for conveying threads, swarfs, chips, fibers, clippings, shreds, sticky products, etc.

High pressure fans

This type of industrial fan is specially designed for the conveyance of clean air under (very) high positive or negative pressure conditions. Normally, these fans are fitted with aluminium impellers, yet a carbon steel impeller can be used in case of dust-loaded air.

Axial fans

These fans can be supplied as wall and as built-in ventilator. They are meant for clean air and have a large capacity with regard to a relatively low pressure. Axial fans are available in two versions namely direct driven or driven through V-belt transmission. These fans can also be supplied as roof ventilator and made suitable for higher temperatures.

Turbo-compressors

These multistage centrifugal compressors have 3, 5 or 7 impellers on one shaft. The turbo-compressors are particularly suitable for air technical installations at which a relatively low airflow is desired in combination with a high underpressure or overpressure till rather more than 36,000 Pa. The turbos are suitable for the following applications: centralized vacuum systems, pneumatic conveying, aeration of liquids, vacuum lift and hold down, industrial vacuum cleaners, dry-blow-systems, fluidising, pneumatic postal systems, etc.





Options

The industrial fans are available with the following components and options:

- Silencer on in- and outlet
- Covering of fan casing or housing for noise level reduction
- Special drives
- Special surface treatments
- Various types of construction materials, such as stainless steel, aluminium, etc.
- Explosion diminished models
- Gastight versions

Further technical specifications are available on request.

Service

In addition to the supply of industrial fans Kiekens Products is also offering a complete service package on behalf of the own fans as well as of those of other manufacturers, such as:

- On-the-spot balancing
- Analysing vibrations
- Measuring of bearing conditions
- Reconditioning of fans

You can choose from three sorts of maintenance, namely:

- Maintenance dependent on failure
- Maintenance dependent on condition
- Preventive maintenance



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