

Rotary Blower Packages

Com-paK Series

Flow Capacities to 3125 cfm

Pressures up to 15 psig

Vacuum down to 15 in. Hg



Superior Performance in a Small Footprint

Com-paK blower packages from Kaeser offer the best possible combination of quality construction, reliable performance and ease of ownership. Our standard package design features a full scope of supply that is unmatched in the industry. A complete package design reduces time spent specifying and purchasing blower systems components, and after the sale there is only one supplier to call for technical or other support on any part of the blower package.

Com-paK models' simple maintenance, low power consumption and unmatched reliability reduce overall life cycle costs. In fact, Kaeser is so confident in the benefits of our design that we offer a five-year warranty on Omega tri-lobe blower blocks sold as part of standard Com-paK packages.

The Com-paK is designed with a unique component layout to minimize floor space and allow side-by-side placement. Kaeser's tri-lobe design, combined with a full six-sided enclosure (standard), results in a blower package with the least noise and vibration. No additional soundproofing is needed. Further, our Com-paK models arrive pre-assembled complete with enclosure, offering major time and labor savings during installation.

Whether you are a specifier, installer, or end user, Kaeser's Com-paK blower package offers superior features, performance and savings. Need it now? Many Com-paK models are available for immediate delivery as part of our Quick-Ship series.

1 Omega Blower



Kaeser's advanced tri-lobe design offers the best combination of low vibration, energy efficiency, and low noise operation.

2 High Efficiency Motors



Premium efficiency TEFC/IP-55 motors are conservatively sized to ensure reliable operation and overcome changes in system pressure.

3 Inlet/Outlet Silencers



Inlet and outlet silencers come standard. Inlet has washable and reusable polyester filter to protect the blower from

damaging particulate. Filter media has low flow resistance to minimize pressure drop, and the filter differential pressure is displayed on the instrument panel.

4 V-belt Drive with Guard



V-belt drive provides flexibility in pressure/flow combinations and dependable performance. Easily removed, fully-enclosed belt guard offers protection.

5 Automatic Belt Tensioner



Maintains tension and efficiency with infrequent adjustments. Prevents over-tensioning which prolongs belt, pulley, and bearing life. Tension status is easy

to see at a glance and adjustments take only a few moments.



Com-paKs' unique design allows side-by-side installation without compromising full service access. All routine maintenance points are accessible from the front with all service and utility connections located on the back.

Com-paK Features

(shown without standard enclosure)

**5-Year
Warranty***



**5-year warranty on the Omega tri-lobe blowers sold as a part of Com-paK packages.*

6 Pre-mounted Valves



Check and relief valves are standard. Unloaded start valve is optional. All come pre-mounted to save on installation costs.

7 Vibration Isolators



Heavy duty dampers absorb vibrations before they reach the base of the unit or sound enclosure.

8 Sight Glasses and Drain Ports



High visibility sight glasses allow the fluid levels to be checked at a glance from the front of the package. Drain valves with gasketed caps simplify fluid changes.

Superior Enclosure



All Com-paK models feature a standard enclosure. Built for exceptional noise reduction and easy access to maintenance points.

The process air and cooling air are separated for better efficiency. Heavy gauge construction and powder coat finish make it suitable for both indoor and outdoor installation. For ease of handling, a sub-base is included on models up through HB 950C.

Effective Cooling



The combination of air ducts in the sound enclosure and powerful fans create a highly efficient cooling system that

ensures effective cooling even for frequency-controlled units.

Instrumentation



Standard instrumentation includes pressure or vacuum

gauges, discharge temperature gauge with shut-down switch and inlet filter differential pressure gauge or vacuum switch.

Integrated Packages with Omega Control Basic™



A New Era in Blower Technology

Kaeser has been a leader in creating fully packaged blower systems that are reliable, durable, energy efficient and simple to maintain. Our line of Com-paK blower packages set the standard in the blower industry. Kaeser revolutionized the industrial blower with the first ready-to-run blower package with integrated controls.

Fully Integrated Control and Protection

Our Com-paK CB, DB, and EB packages include the Omega Control Basic™ option that not only operates, but monitors and protects the blower system. The Omega Control monitors a number of on-board sensors and switches. It indicates when maintenance is needed and will shutdown the unit automatically to prevent failure. Further, it can be remotely monitored and integrated into plant controls.

Package Highlights

- “Plug and Play” ready-to-run blower package
- Omega Control Basic™
- Premium efficiency motor with PTC sensors embedded in motor windings to prevent heat damage
- Available with either reduced current starter or optional integrated Omega Frequency Control (variable speed drive) for maximum energy efficiency and system performance
- Smaller footprint
- Easy to move and install with a pallet jack
- An internal cabinet temperature sensor shuts down the blower if the temperature inside the package exceeds 140°F
- A differential pressure sensor on the inlet filter/silencer alerts you when the filter needs service
- A PT 100 discharge temperature sensor will shut down the unit to prevent damage to the blower
- On OFC models, a speed sensor on the blower pulley indicates if there’s a problem with the belt drive
- Superior motor cooling design utilizes air ducted separately from the blower intake
- Optional oil level sensor

Options

Omega Frequency Control

Kaeser's Omega Frequency Control (OFC) provides continuous blower



speed adjustment to match the process flow to the demand. The OFC offers enhanced control with a variety of signal inputs, outputs, and pro-

fibus connection. OFC is available as part of an integrated package on CBC, DBC, and EBC models

Kaeser Start Control



The Kaeser Start Control (STC) provides reduced cur-

rent starting (wye-delta) and enhanced instrumentation. Indicators include: power on, drive and fan motor overload, oil level monitor, dirty inlet filter, high discharge temperature and a general warning lamp. The IEC IP-54 enclosure is dust and splash tight and may be wall or bracket mounted. STC is available as part of an integrated package on CBC, DBC, and EBC models.

Sigma Air Manager

For systems with multiple blowers, Kaeser offers the Sigma Air Manager. SAM combines industrial PC and Internet technology to control up



to 16 units, ensuring adequate flow while minimizing energy consumption.

Air-cooled Aftercooler

For temperature sensitive applications, Kaeser offers two lines of ACA



air-cooled aftercoolers. The standard models provide

outlet air temperatures within 10°F of ambient. Low energy models provide approach temperatures of 25°F.

Features include TEFC/IP55 fan motor, process air temperature gauge, with a user-set maximum temperature switch.

QUICK-SHIP SERIES

Available
for Immediate
Shipment



Need it Now?

Kaeser stocks a full range of Com-paK blower packages from 5 to 150 hp. Most orders can be shipped within one working day.

Like all Com-paKs, our Quick-Ship units are factory-built with a superior scope of supply. Our unique space-saving design comes complete with Kaeser's optimized tri-lobe Omega blower, generously sized motor, silencers, instrumentation, valves, v-belt tensioner, vibration isolators and full outdoor enclosure.

Whether it's for a new installation or replacement unit, Kaeser has a solution.

The Air Systems Specialist

We strive to earn our customer's trust by supplying high quality Kaeser air compressors and related compressed air equipment. Our products are designed for reliable performance, easy maintenance, and energy efficiency. Prompt and dependable customer service, quality assurance, training, and engineering support contribute to the value our customers have come to expect from Kaeser. Our employees are committed to implementing and maintaining the highest standards of quality to merit customer satisfaction. We aim for excellence in everything we do.

Our engineers continue to refine manufacturing techniques and take full advantage of the newest machining innovations. Extensive commitment to research and development keeps our products on the leading edge of technology to benefit our customers. With over 90 years of experience, Kaeser is the air system specialist.

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