



Built for a lifetime.

PRESS RELEASE

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Improved CSG series with up to 16% increase in flow and pressures to 160 psig.

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Enhanced oil-free performance: Kaeser CSG series redesigned

Kaeser Compressors makes major strides in efficiency and reliability with the CSG series

The CSG boasts up to 16% more flow and as much as a 19% improvement in specific performance over the previous models, with a maximum operating pressure increased to 160 psig. The CSG series is available in five fixed speed models from 50 to 125 hp delivering flows from 184 to 563 cfm as well as four frequency controlled (SFC) models with flows from 142 to 584 cfm. SFC models leverage the advantages of synchronous reluctance motors with class IE5 efficiency to ensure the highest levels of energy efficiency. On both fixed and variable speed units, a speed-controlled radial fan working in conjunction with the SIGMA CONTROL 2 regulates the fan speed, controlling the cooling air flow for additional energy savings.

The CSG series represents the latest generation of oil-free technology, combining Kaeser's industry leading SIGMA PROFILE rotor design with a new non-wearing coating that meets ISO 22000 requirements for superior peace of mind in food and beverage, pharmaceutical, electronics, chemical, laboratories, and other applications requiring oil-free air.

"Kaeser has taken something great and made it better," said Joe D'Orazio, Kaeser's National Sales Manager. "At Kaeser we value life-cycle cost and can't wait to share how the CSG.1 increases our customers' maintenance intervals and reduces their utility costs. From the automatic motor bearing lubrication, temperature and vibration monitoring, to the new smaller footprint, our engineers painstakingly crafted the next generation of Kaeser oil-free compressors for the demands of 24/7 manufacturing."

"The patented triple-layer PEEK and nanoceramic coating represents a significant advancement in rotor coating for exceptional durability and long lasting performance," added Werner Rauer, Product Manager - Compressors. "This food-safe coating is a significant advancement in technology that will serve our customers well."

Other innovations include a superior water-jacket cooling design, more reliable condensate removal for better corrosion protection, automatic motor bearing regreasing, vibration monitoring, and motor bearing temperature sensors. These and other features ensure top-notch reliability and reduced downtime for maintenance. Its improved service intervals also result in reduced maintenance costs. The new CSG models use 20% less floor space than the previous design, making it an ideal choice for businesses with limited space providing users more flexibility in installation.

Kaeser's dedication to environmental stewardship is evident in the integration of innovative technology in the CSG series. The improved service intervals and reduced maintenance costs further underscore the company's commitment to delivering efficient and sustainable compressed air solutions.

For more information, visit us.kaeser.com/oilfree. To be connected with your local authorized Kaeser representative, please call (877) 417-3527

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About Kaeser Compressors, Inc.: Kaeser Compressors is a leader in reliable, energy efficient compressed air equipment and system design. We offer a complete line of superior quality industrial air compressors as well as dryers, filters, SmartPipe™, master controls, and other system accessories. Kaeser also offers blowers, vacuum pumps, and portable gasoline and diesel screw compressors. Our national service network provides installation, rentals, maintenance, repair, and system audits. Kaeser is an ENERGY STAR Partner.

