

KAESER
COMPRESSORS®

Built for a lifetime.



Magnetic Bearing Turbo Blowers

PillAerator Series

Available in 200 hp and 400 hp

Flows to 10,500 cfm

Pressures 4.4 to 20.3 psig

kaeser.com

PillAerator Series

Kaeser acquires PillAerator

With its acquisition of PillAerator GmbH, Kaeser has widened our product portfolio to include powerful turbo blowers to offer innovative products across the entire low-pressure range.



Superior efficiency

Due to its direct-drive, magnetic bearing motor, and intelligent control system, the PillAerator can reach isentropic efficiency of up to 84%. This means you can achieve energy savings of up to 25% compared to conventional rotary blowers.



Oil and maintenance free motor

Oil changes and bearing replacements are a thing of the past, thanks to the magnetic bearing motor. The PillAerator requires no routine maintenance apart from an air filter change in dusty environments.



All in one

The PillAerator is the all-inclusive solution that has everything you need: Industry 4.0-ready, IoT-ready, PLC, a frequency converter, instrumentation, sound insulation, water cooling.



Intelligent control and communication

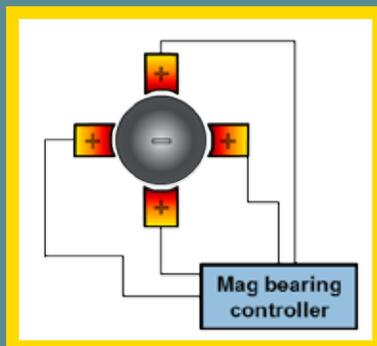
An advanced PLC controls operation and monitors machine conditions and performance levels. This data can be accessed (and the machine can be controlled remotely) in real time using a variety of industrial automation protocols for SCADA integration including EtherNet/IP, Modbus TCP, Profibus and others. The data is also stored and can be extracted and analyzed. The HMI with multiple human language options allows for operation around the globe.



The Active Magnetic Bearing



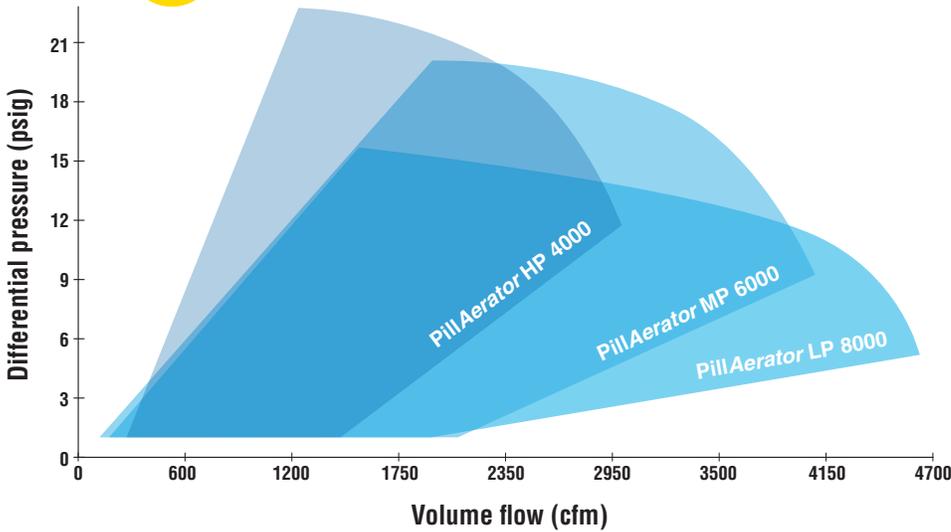
- Oil-free air
- Variable speed
- Vibration free
- Frictionless
- Maintenance free
- No lubrication needed
- Allows frequent start/stops
- Innovative emergency shutdown (no battery backup needed)



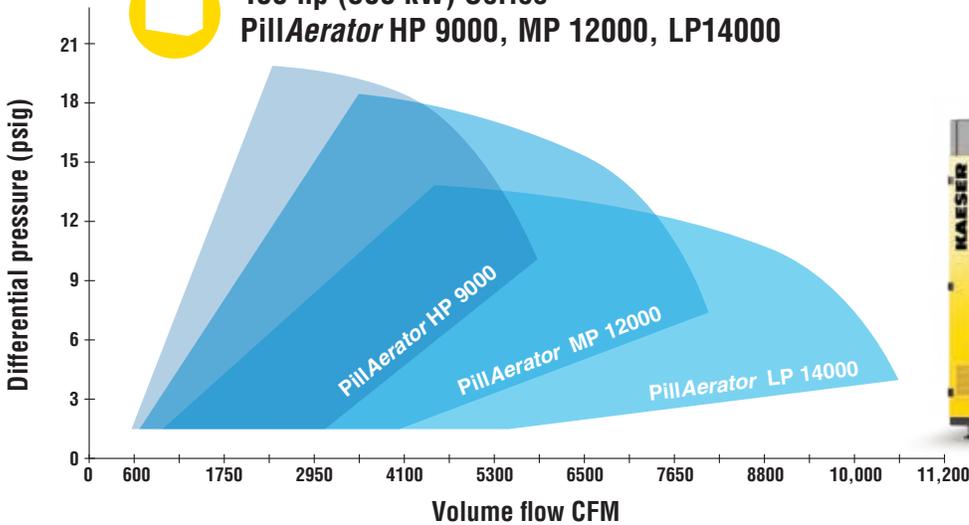
Performance Range



200 hp (150 kW) Series
PillAerator HP 4000, MP 6000, LP 8000



400 hp (300 kW) Series
PillAerator HP 9000, MP 12000, LP14000



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