

Turbo Air® 9000 Centrifugal Compressor

Oil-Free Air



The Turbo Air® 9000 offers big performance in a compact package at a great value.

Introducing oil-free, reliable, efficient operation and ease of maintenance in a three-stage 1119-1678 kW/1,500-2,250 HP plant air compressor. Welcome to the ideal centrifugal package – the leader in today’s centrifugal compressor market.

INNOVATIVE, COST-EFFECTIVE, EFFICIENT, RELIABLE, AND OIL-FREE.

The Turbo Air 9000 brings you lower maintenance costs with greater reliability, lower power costs with greater efficiency, and all the advantages of oil-free compressed air.

Oil-free air. 100% oil-free air means higher product quality and lower operating costs. The exclusive atmospheric air space between our air and oil seals was pioneered by Compression Systems, giving you unmatched peace of mind.

Easy to maintain. No disassembly required for periodic maintenance, just simple filter changes. So maintenance costs are lower. Access to major components doesn’t get any easier. The water-in-tube intercoolers clean easily and the horizontally-split gearbox featuring a weight reduced cover will drastically minimize your inspection time.

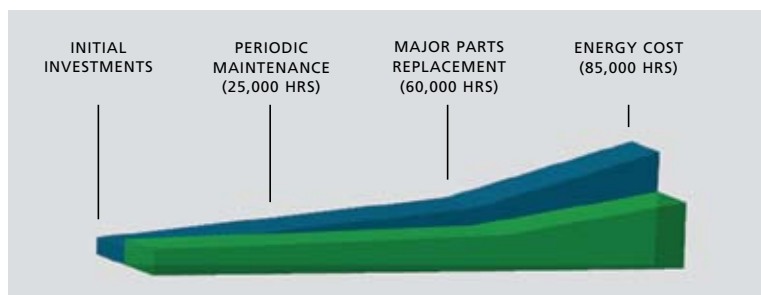
Easy to install. Featuring a complete package with the lowest installation cost, and preprogrammed plug-and-play controls, the Turbo Air 9000 will bring operation up to speed in the most economical fashion.

Reliable, efficient operation. The Turbo Air 9000’s superior design is based on Compression Systems design innovations, including the latest high-efficiency backward-leaning impellers, bull gear thrust collars to transfer loads to the low speed bearings and the use of aerospace grade materials. These performance features and others, result in lower operating costs and higher reliability.

Best specific power of any three-stage compressor. The Turbo Air 9000 beats out every other competitor in its class, delivering lower power costs.

Lifecycle savings. The bottom line to your operation is profit. Solid performance with no wearing parts, non-contacting and non-wearing labyrinth seals, and Cameron patented hydrostatic squeeze film bearings deliver maximum uptime. And don’t forget, state-of-the-art energy saving controls. The more you use it, the faster the pay-back.

THE LOWEST COMPRESSOR OPERATING LIFE CYCLE COST



Turbo Air 9000

- Minimum maintenance
- State of the art aerodynamics
- Superior specific power
- Advanced controls

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Other Brands

- Change bearings & coolers periodically
- Poor part load efficiency
- Higher BHP / 100 CFM



LEAN & SIGMA



UNIQUE DESIGN AND UNIQUE ADVANTAGES.

The Turbo Air 9000 includes all the features you told us you wanted, wrapped up in a superior modular design that allows us to bring you all the advantages of centrifugal compression at such a competitive price.



1. Inlet Guide Vane – Allows precise control of air flow allowing up to 9% power savings over the inlet butterfly valve.



2. Intercooler – Water-in-tube with Phenolic coated shell for corrosion-free air passages. Removable, easy to clean, cooler bundles.



3. Lubrication System – Fully packaged; shaft-mounted main pump, electric-motor driven auxiliary pump. Optional dual filters and dual coolers. No costly synthetic oil is required.



4. Control Panel – User-friendly MAESTRO™ Legend controls. Fully packaged with auxiliary oil pump motor starter and oil heater contactor as standard.



5. Gearbox – Integrally cast stage design for enhanced performance; horizontally split cover for easy inspection; phenolic coated for corrosion-free operation.

TA 9000 DIMENSIONS AND WEIGHT*



WEIGHT: 13,600 kg (30,000 lbs)
NOISE LEVEL: 87 dBA +/- 3

*Shown with optional aftercooler.