

Paradigm

Piston air compressors with noise enclosure
5 HP to 15 HP



**Gardner
Denver**

The Gardner Denver Paradigm provides the advantages of a reciprocating compressor coupled with the low noise of a rotary screw.

Ideal for areas with a low noise requirement, Paradigm can be installed directly within the work environment close to the point-of-use, which eliminates the need for a dedicated room or an outside installation.

This can save hundreds of feet in piping, resulting in reduced pressure drops—ultimately increasing your bottom line. Gardner Denver is the clear choice in compressed air solutions.

Competitive Advantages & Customer Benefits

- Integral cylinder and head eliminating the possibility of blown head gaskets for leak-free, trouble-free operation.
- Balanced aluminum alloy first stage piston(s) are weight matched to the cast iron second-stage piston(s) for proper balance and minimized vibration. Unique domed piston design for maximum air delivery and efficiency.
- Lightweight, high-density, diecast aluminum alloy connecting rods for minimal reciprocating weight. Precision-bored crankpin bearing and piston pin needle bearing are used to properly distribute bearing loads for longer bearing life than bushings.
- Industrial grade, reliable, highflow, low lift disc-type valves are made of corrosion resistant steel to ensure years of trouble-free operation.
- Tapered roller-type main bearings, providing full contact and support of the crankshaft, ensuring compressor durability and long-life.

Standard Features

- Multi-finned cylinders for cooler operating temperatures resulting in long life and consistent performance
- Two compression rings and one oil control ring to ensure low oil carry-over and provide efficient air delivery
- Large-diameter finned tubing with the greatest cooling effect between stages for maximum compressor efficiency
- Pressure relief valves located in inter-stage intercooler and discharge line for safe compressor operation
- Precision balanced flywheel with cast fan blades for optimum compressor cooling and longer life
- Removable manifolds for easy serviceability
- Balanced rugged ductile iron crankshaft with large diameter throws for minimum bearing loads and counterweights to minimize vibration
- Rugged cast iron oil reservoir with convenient sight glass gauge, corner oil fill boss and large oil drain for user-friendly serviceability
- A pressure switch allows the compressor to start unloaded every time—ensuring the lowest amount of starting torque is required by the electric motor

Brochures

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