

Splash-Lubricated R-Series

Loaded with rugged features, the R-Series splash-lubricated compressors deliver high performance, long life and tremendous value.

1 Multi-finned cylinders

Cooler operating temperatures result in longer life and consistent performance over time.

2 Integral cylinder/head

Gasketless design eliminates the possibility of blown head gaskets for trouble-free operation.

3 Balanced pistons

Aluminum alloy first-stage piston is weight-matched to the cast iron second-stage piston, ensuring proper balance.

4 Piston rings

Two compression rings and one oil control ring provide excellent oil control, and high efficiency air delivery.

5 Lightweight connecting rods

High-density, die-cast aluminum alloy rods minimize reciprocating weight. An integral, precision-bored crankpin bearing and a needle bearing for the piston pin properly distribute bearing loads for longer bearing life than bushings.

6 Pressure relief valves

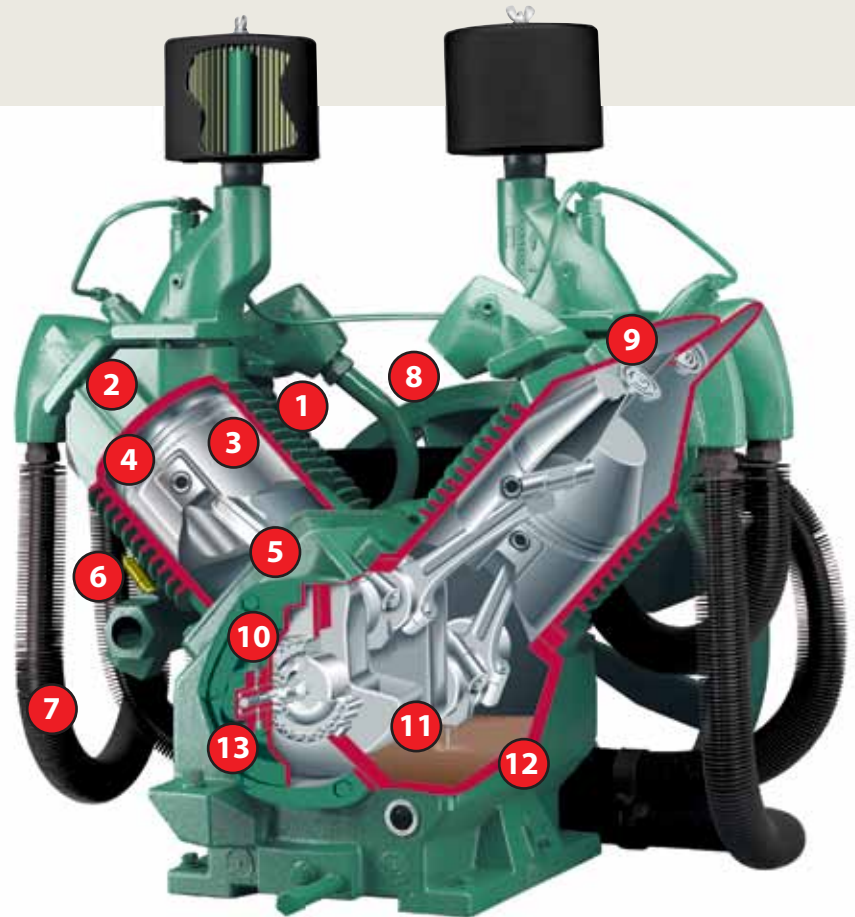
Located in interstage and discharge.

7 Intercoolers

Large-diameter finned tubing is positioned to obtain the greatest cooling effect between stages for maximum compressor efficiency.

8 Optimized cooling fan/flywheel

Precision balanced flywheel has fan blades for optimum compressor cooling and life.



9 Reliable, high-flow valves

Single-unit, disc-type valves provide low lift and long life. Discs are made of corrosion resistant Swedish steel. Valves are easily serviced by removing the manifolds only.

10 Oversized main bearings

Tapered roller-type main bearings provide full contact and support of the crankshaft plus delivers the longest possible life.

11 Balanced crankshaft

Constructed of rugged ductile iron with large diameter throws for minimum bearing loads and counterweights to minimize vibration.

12 Large capacity crankcase

Rugged cast iron oil reservoir has convenient sight gauge glass, corner oil fill boss and large oil drain.

13 Loadless starting

Positive acting, governor-type centrifugal unloader assures longer motor life by allowing the compressor to start unloaded every time.