

Air Compressor

Reciprocating (Piston) Air Compressor

Geotech offers an oil lubricated, two stage, tank-mounted, reciprocating (piston) air compressor to provide positive air pressure for powering pneumatic equipment for intermittent use applications. Contact Geotech for proper sizing of systems to meet your air flow and air pressure requirements.

RECIPROCATING AIR COMPRESSOR-GENERAL PRINCIPLE

In a reciprocating air compressor, inlet air enters the first stage of the compressor pump where a piston compresses the air and then transfers the air to the second stage where the second piston compresses the air further until the final pressure is sent down stream to the air receiver tank.

FEATURES

- Integral Cylinder / Head; gasket-less design
- Disc-Type Valves, corrosion resistant Swedish steel for long life
- Balanced Pistons, weight matched for smooth operation
- Intercoolers for greatest cooling effect for maximum compressor efficiency
- Oversized Main Bearing, taper roller design for longest possible life
- Balanced Crankshaft, constructed of rugged ductile iron with large diameter throws
- Large Capacity Crankcase, cast iron oil reservoir has convenient sight glass
- Load-less Starting governer-type centrifugal unloader assures longer motor life
- 5 Year Pro-rated Warranty
- Up to six standard, pre-installed accessories
 - Air-cooled after cooler (on units 7.5 hp and larger)
 - Magnetic Starter
 - Auto Tank Drain
 - Vibration Mounts
 - Low Oil Monitor
 - Dual Control (on units 10 Hp and larger)

APPLICATIONS

- Sampling Pumps • Groundwater Extraction Pumps • Total Fluids
- Extraction Systems • Hydrocarbon Skimming Systems



Model	Horsepower	Working Pressure (PSIG)	Air Delivery (ICFM)
LVR5-8	5	125	19.1
		175	16.6
LVR7.F-8	7.5	125	24.6
		175	23.5
LHR10-12I	10	125	37.3
		175	34.8
LHRA15-12	15	125	59.0
		175	53.7
LHRA25-12	25	125	102.1
		175	90.1

CALL GEOTECH TODAY (800) 833-7958

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