

## 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.

### FEATURES

- Integral cylinder head; gasketless 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
- Loadless starting governor-type centrifugal unloader assures longer motor life
- 5-Year Warranty on compressor pump
- ISO 9001 Standards
- Up to six standard, pre-installed accessories:
  - Air-cooled After Cooler
  - Magnetic Starter
  - Auto Tank Drain
  - Vibration Mounts
  - Low Oil Monitor
  - Dual Control (on units 10 hp and larger) Available upon Request

### 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.

### APPLICATIONS

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

**CALL GEOTECH TODAY (800) 833-7958**

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Model VR5-8

### SPECIFICATIONS\*

Model	HP	Working Pressure (PSIG)	Air Delivery (ICFM)
VR2-6	2	125	5.6
		175	4.2
VR5-8	5	125	19.1
		175	17.3
VR7.F-8	7.5	125	23.9
		175	23.1
HR10-12I	10	125	37.3
		175	34.8
HRA15-12	15	125	50.2
		175	49.0
HRA25-12	25	125	102.1
		175	90.1

\*Call to discuss other model sizes.