

RELIANT™

RC40



THE IDEAL CHOICE FOR MECHANIC & SERVICE TRUCKS

For applications where truck-bed space is at a premium, yet your application demands powerful performance time after time, rely on Vanair's Reliant RC40 hydraulic-powered reciprocating compressor to get the job done. Providing a full 40 CFM of air at up to 175 PSI, the RC40 provides you with the most CFM for the cost on the market.

SPECIFICATIONS

Capacity (CFM)	30	30	30	30	40	40	40	40
Air Pressure (PSI)	100	125	150	175	100	125	150	175
Hydraulic Flow (GPM)*	9.5	9.5	9.5	9.5	12	12	12	12
Hydraulic Pressure (PSI)*	1775	1875	2100	2200	1950	2070	2175	2275

Dimensions with fittings (In.): 37.0L X 21.0W X 22.0H | Dry Weight (Lbs.): 408

* Ratings are approximate and are based on 120 °F hydraulic fluid temperature. Add 400 PSI minimum to hydraulic requirements for hydraulic system continuous pressure ratings. Reliant RC40 hydraulic relief valve is set at 3200 PSI. Consult Vanair for specific details.



PERFORMANCE

- 30-40 CFM and Up to 175 PSI
- 12V and 24V DC Models Available
- Open Center or Closed Center Hydraulic Manifold Block
- Vibration Isolation on Air Compressor and Drive System for Quiet Operation
- Four-Pin Weatherproof Electrical Connection
- Heavy-Duty Powder-Coated, Galvanneal Sheet Metal Enclosure

RECIPROCATING AIR COMPRESSOR

- Rugged, Cast Iron Crankcase
- Corrosion-Resistant Steel Valves
- Tapered Roller Type Main Bearings
- Balanced Crankshaft
- Weight-Matched Balanced Pistons
- High Flow Valves
- Lightweight Connecting Rods

AIR COMPRESSOR CONTROL SYSTEM

- Integral On-Off Manifold with Solenoid Diverter Valve and Hydraulic Pressure Relief Valves

HYDRAULICS

- Gear-Type Motor
- V-Belt Driven
- Integral Hydraulic Cooler for Air System
- Hydraulic Oil In - 3/4" 37° JIC
- Hydraulic Oil Out - 1" 37° JIC

INSTRUMENTATION

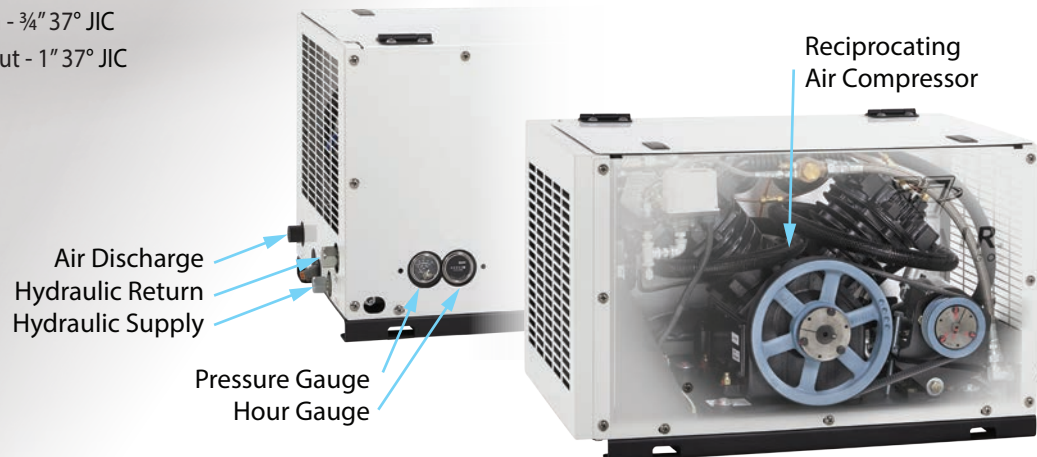
- Hour and Pressure Gauges
- Conveniently Located and Easy to Read

SAFETY EQUIPMENT

- Air Pressure Relief Safety Valve
- Hydraulic Oil Pressure Relief Valve
- Automatic Blow-Down on Shutdown

OPTIONS/ACCESSORIES

- 20 - 60 Gallon Air Reservoirs
- Aftercoolers
- Air Hoses
- Air Tools
- Cold Weather Package to Prevent Freeze-Ups
- Hose Reels and Fittings
- OSHA Safety Valve (Velocity Fuse)
- Service/Control Line Moisture Separators
- Tool Oiler/Lubricator
- Service Airline De-Icer
- Filter lubricator Regulator (FLR) 1"



HYDRAULIC SYSTEM REQUIREMENTS

All hydraulic ratings and pressures are at the machine and do not take into account the pressure drops of individual hydraulic systems. These pressure drops need to be taken into account and added to the rating of the hydraulic pump and components. Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic cooler, hydraulic pressure relief, and other hydraulic supply components for your application. Please take into consideration the following: The hydraulic flow and pressure requirements of the air compressor, the continuous hydraulic load when the compressor is running, the duty cycle and ambient operating temperatures, and any other hydraulic equipment that may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit).

Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligation.