



RELIANT RC40

 AIR COMPRESSOR

The Ideal Choice for Mechanic and Service Trucks!

Providing a full 40 CFM of air, at up to 175 PSI, the RC40 provides you with the most CFM for the cost in the market. Reliable and field-proven, the RC40 has been the go-to hydraulic driven reciprocating air compressor for mechanic and service technicians for over 20 years. Featuring an integrated cold weather package that will work in any type of climate, the RC40 has been designed to provide flexible mounting configurations and for easy maintenance.

SPECIFICATIONS	
Compressor Type	Reciprocating
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

Reliant™ RC40 Unit 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.



RELIANT[™]

RC40

PERFORMANCE/FEATURES

- 30-40 CFM and Up to 175 PSI
- Open Center or Closed Center Hydraulic Manifold Block
- Vibration Isolation on Air Compressor and Drive System for Quiet Operation
- Four-Pin Weatherproof Electrical Connection

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

- 3-in-1 Air Compressor Manifold for Less Potential Leak Points

HYDRAULICS

- Air pressure Relief Safety Valve and Automatic Blow Down on Shut Down
- Hydraulic Oil Pressure Relief Valve

COLD WEATHER PACKAGE (OPTIONAL)

- Integrated System with Thermal Valve
- Premium Pressure Switch
- Braided Stainless Steel Hose

STANDARD INSTRUMENTATION

- Analog Hour and Pressure Gauges
- Flexible Gauge Placement for Best Configuration on Your Vehicle

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).

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CANOPY

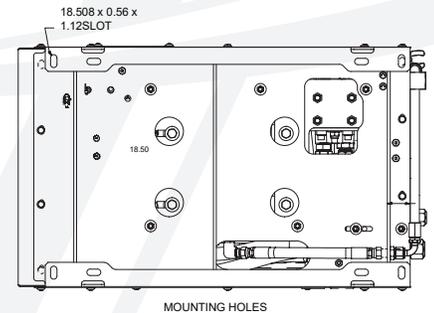
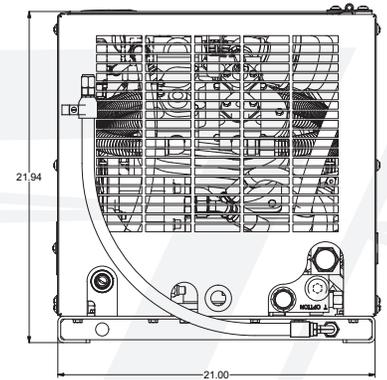
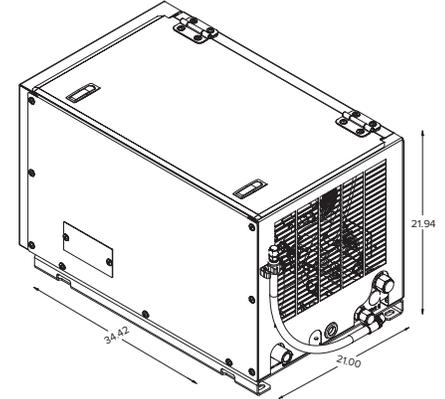
- Flexible Mounting Options for the Hinge on the Hood for Best Opening Configuration
- Attachment Free Panels for Easy Removal and Maintenance Work
- Heavy-Duty Powder-Coated, Galvanneal Sheet Metal Enclosure

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"
- 24V Converter



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