



RELIANT 
RC40-L

 **AIR COMPRESSOR**

The Leading Air Compressor for the Tire and Mechanic Truck Industry Now 40% Lighter!

The Reliant™ RC40-L was designed with an aluminum air end and canopy to reduce weight on the vehicle without compromising quality. Offering a solid 40 CFM of power, the rust resistant, durable, reliable, and powerful RC40-L features a reversible hinged hood, easy to read control panel, and easily accessible service panels to provide flexibility of where to mount the unit on the vehicle. Leading the industry by providing hydraulic cooling assist for additional hydraulic systems, the RC40-L is also available with a cold weather package.

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)*	8.25	8.25	8.25	9.0	10	10	10	10
Hydraulic Pressure (PSI)*	2300	2450	2575	2600	2300	2470	2550	2600

Reliant™ RC40-L Unit Dimensions with fittings (In.): 33.7L X 21.0W X 24.3H | Dry Weight (Lbs.): 245
 * 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-L hydraulic relief valve is set at 3200 PSI. Consult Vanair™ for specific details.



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PERFORMANCE/FEATURES

- 30 - 40 CFM and up to 175 PSI
- Ambient Operating Range of -20°F to +125°F
- Vibration Isolation on Air Compressor and Drive System for Quiet Operation
- Six-Pin Weatherproof Electrical Connection
- Hydraulic Cooling Assist for Additional Hydraulic Systems
- 12V System
- Open Center or Closed Center Hydraulic Manifold Block

RECIPROCATING AIR COMPRESSOR

- Aluminum Air End
- Reed Valve System
- Tapered Roller Type Main Bearings
- Balanced Crankshaft
- Weight-Matched Balanced Pistons
- High Flow Valves
- Lightweight Connecting Rods
- Integrated Air Interstage and Aftercoolers

AIR COMPRESSOR CONTROL SYSTEM

- 3-in-1 Air Compressor Manifold for Less Potential Leak Points
- Eliminates Accumulator Hose
- Gear-Type Motor

HYDRAULICS

- Direct Drive Coupled to Air End
- Integral Hydraulic Cooler for Air System
- Hydraulic Oil In - 3/4" 37° JIC (#12)
- Hydraulic Oil Out - 1" 37° JIC (#16)
- Hydraulic Case Drain - 3/8" 37° JIC (#6)
- Hydraulic Load Sense Line - 1/4" 37° JIC (#4)*
- Hydraulic Motor with Oil Outlet Check Valve

STANDARD INSTRUMENTATION

- Conveniently Located and Easy to Read
- Hour and Pressure Gauges
- Relocatable to Other Side of Canopy

CANOPY

- Aluminum, Powder-Coated Sheet Metal
- Panels for Easy Removal and Maintenance Access and Servicing

SERVICEABILITY/CONVENIENCE

- Reversible Hinged Hood
- Access Panel for Closed Center Flow Control Valve
- JIC Fittings on Front of Machine for Hydraulic and Air Connection for Convenience

COLD WEATHER PACKAGE (OPTIONAL)

- Integrated System with Hydraulic Thermal Valve

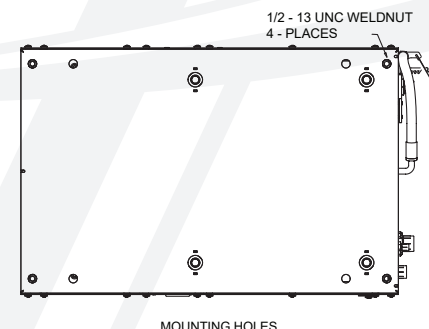
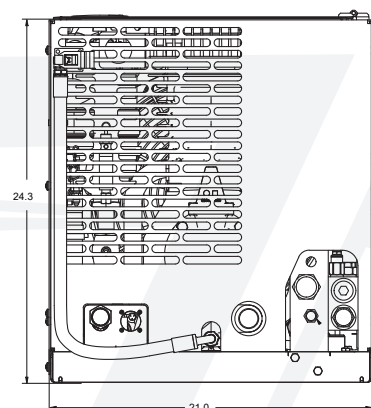
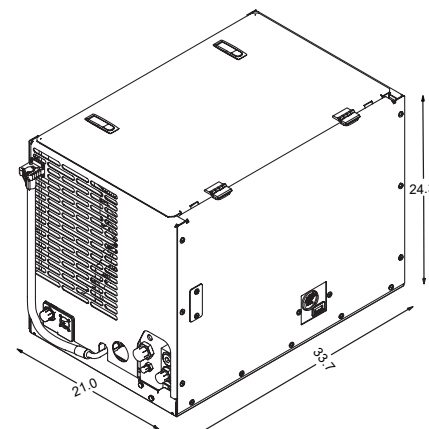
SAFETY EQUIPMENT

- Air Pressure Relief Safety Valve
- Open Center 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

*Load sense line for closed center hydraulic system only



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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