

# RELIANT™ RC40

Now Available with an Integrated  
Cold Weather Package



## 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 10 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

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.  
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#### PERFORMANCE/FEATURES

- 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

#### 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

- 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

#### COLD WEATHER PACKAGE (OPTIONAL)

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

#### INSTRUMENTATION

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

#### CANOPY

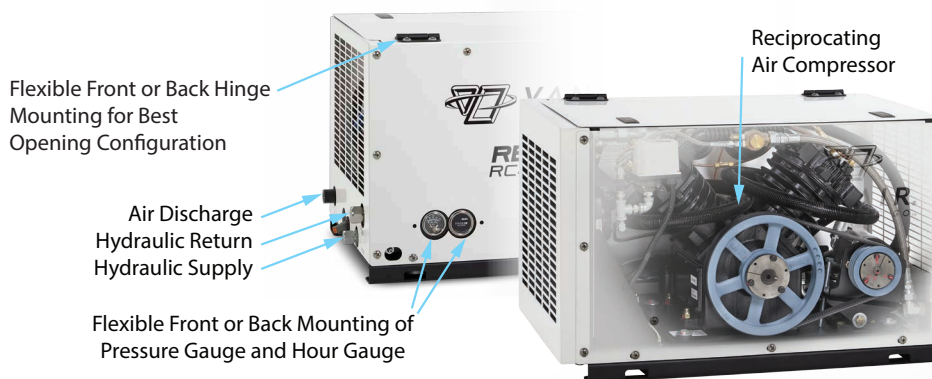
- Flexible Mounting Options for the Hinge on the Hood for Best Opening Configuration
- Attachment Free Panels for Easy Removal and Maintenance Work
- Heavy-Duty Powder-Coated, Galvanneal Sheet Metal Enclosure

#### 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"



#### 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).