

# RC 40



## Ideal choice for mechanic and 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 RC 40 cfm hydraulic-powered reciprocating compressor to get the job done.

### SPECIFICATIONS

CFM Rating @ 100 psi	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 (psig)	1775	1875	2100	2200	1950	2070	2175	2275

*Ratings above are approximate and are based on 120°F hydraulic fluid temperature. Consult Vanair for Specific details.*



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## SPECIAL FEATURES

### Air Compressor

- Reciprocating type
- Integral hydraulic oil cooler
- Available with open or closed hydraulic manifold block
- V-Belts driven by hydraulic motor

#### Added features:

- Powder-coated, galvanneal sheetmetal enclosure
- Designed with (3) v-belts for maximum productivity
- 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

#### Supply connections:

- Hydraulic oil in – 3/4" 37° JIC
- Hydraulic oil out – 1" 37° JIC
- Case drain – 1/4" 37° JIC
- Electrical 12-volt DC
- Vibration isolation for air compressor and drive system for quiet operation

### Air Compressor Control System

- Integral on-off manifold with solenoid diverter valve and hydraulic pressure relief valves

### Safety Equipment

- Air pressure-relief safety valve
- Hydraulic oil pressure-relief valve

### OPTIONS/ACCESSORIES

- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- 20, 30, or 60 gallon air reservoirs

### COMPRESSOR DIMENSIONS

with fittings (in.):

- 37.0 L x 21.0 W x 22.0 H\*
- Dry Weight (lbs.) – 408

## HYDRAULIC SYSTEM REQUIREMENTS

Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic oil 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
- Keep in mind that when the compressor is running there is a continuous hydraulic load
- The duty cycle and ambient operating temperatures
- Other hydraulic equipment which 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 obligations.*



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\*Allow for adequate ventilation  
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