

VAN AIR RC 40 Hydraulic 40 CFM Reciprocating

Reciprocating Power

As the first company to utilize Power Take-off (PTO) technology for air compressors, Vanair continues to develop units of different operational methods to give customers the product that best fits their application.

Truck-mounted Mobility Operational Versatility

Ideal for tire service and mechanic truck industries where heavy-duty performance is needed and space requirements are limited, the RC 40's compact design makes it an ideal and cost-effective choice. With access to run your air or hydraulic hoses on either side of the canopy, the RC 40 offers the versatility you need to get the job done with efficiency and precision.

Vanair Dependability

Every product that Vanair designs, engineers, and manufactures is backed by years of technological experience, expertise, and a commitment to continuous improvement. From installation assistance and operations training to comprehensive maintenance kits and troubleshooting techniques, Vanair offers the products and services you expect from the PTO innovator.

*The RC 40's **proven** 40 CFM hydraulic-powered air compressor offers over 33% more power than the leading competitor.*

The Power to Deliver... Proven 40 CFM

Vanair RC 40 Hydraulic-Powered 40 CFM Reciprocating Compressor




VAN AIR
AIR POWER TO GO™



RC 40

SPECIFICATIONS

Capacity (cfm)	30	30	30	35	35	35	40	40	40
Air Pressure (psi)	100	150	175	100	150	175	100	150	175
Hydraulic Flow (gpm)	10.75	12.25	13.5	12.75	13.75	14.5	13.75	14.25	14.5
Hydraulic Pressure (psig)	1800	2000	2075	1900	2000	2100	1900	2025	2125

**Compressor Dimensions
with fittings (in.) –**
32.0L x 22.0W x 21.75H

Dry Weight (lbs.) – 408

HYDRAULIC SYSTEM REQUIREMENTS

- 3000 psi rated hydraulic pump
- Pressure relief set at 3200 psi
- Hydraulic reservoir at 2.5 times the oil flow (recommended)
- Dedicated gear pump
- Additional oil cooler for high-ambient temperatures

When mounting compressor, allow for adequate ventilation.

SPECIAL FEATURES

Compressor

- Two-stage, four-cylinder reciprocating type
- Available with open or closed hydraulic manifold block
- Integral hydraulic oil cooler
- V-Belts driven by hydraulic motor

Added features:

- Powder-coated, galvanized sheetmetal enclosure
- Designed with (3) v-belts for maximum productivity
- Concentric valves
- 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
- Interstage cooling

Supply connections:

- Hydraulic oil in – 3/4" 37° JIC
- Hydraulic oil out – 1" 37° JIC

Electrical 12-volt DC

Vibration isolation for compressor and drive system for quiet operation

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
- Brushed stainless steel canopy


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