

RC 40



True 40 CFM ... Built-In Hydraulic Cooler

The RC 40 features an integrated hydraulic cooler for the most efficient cooling capabilities. The use of concentric valves rather than traditional valves provides longer life and better performance as well as reduces maintenance costs. The RC 40 is the perfect choice for mechanics and service trucks.

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)	11.3	11.3	11.3	11.3	14.3	14.3	14.3	14.3
Hydraulic Pressure (psig)	1520	1630	1750	1815	1700	1850	1950	2000

Ratings based on 120° F hydraulic fluid temperatures. Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.



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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)



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*Allow for adequate ventilation
Specifications subject to change without notice.
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