

# Abovedeck Hydraulically Driven Air Compressor Systems



Reliant™ RC40 • Reliant™ RC40-L • Reliant™ RS45 • Reliant™ RS85-L • ADHD

## The Most Powerful, Compact Air Compressors in Their Class

Vanair's powerful abovedeck air compressors are engineered to be your Mobile Power Solution®. Our hydraulically driven reciprocating and rotary screw machines offer 30 to 185 CFM of air power. Meeting the most demanding applications and conditions for multiple heavy duty markets, these vehicle-mounted systems carry many built-in features, including cold weather packages and integrated hydraulic/compressor oil coolers. With reliable power, maximum fuel efficiency, and performance, you can rely on Vanair's abovedeck hydraulic machines to get your job done.





# RELIANT™ RC40



*Hydraulically Driven Reciprocating Air Compressor*

Field Proven Performance. Ideal for: Tire and Mechanic Trucks!



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

Reliant™ RC40 Dimensions with fittings (In.):  
37.0L X 21.0W X 22.0H | Dry Weight (Lbs.): 408

Relief valve is set at 3200 PSI. Consult Vanair® for specific details.



# RELIANT™ RC40-L



*Hydraulically Driven Aluminum Air Compressor*

The Leading Air Compressor for the Tire and Mechanic Truck Industry!



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)*	8.25	8.25	8.25	9	10	10	10	10
Hydraulic Pressure (PSI)*	2300	2450	2575	2600	2300	2470	2550	2600

Reliant™ RC40-L Dimensions with fittings (In.):  
33.7L X 21.0W X 24.3H | Dry Weight (Lbs.): 245



# RELIANT™ RS45



**Hydraulically Driven Rotary Screw Air Compressor**

Air-On-Demand. Ideal for: Tire and Mechanic Trucks!



SPECIFICATIONS												
Capacity (CFM)	30	30	30	35	35	35	40	40	40	45	45	45
Air Pressure (PSI)	100	125	150	100	125	150	100	125	150	100	125	150
Hydraulic Flow (GPM)*	7	7.2	7.3	8.3	8.4	8.6	9.6	9.7	9.8	11	11.1	11.2
Hydraulic Pressure (PSI)*	1950	2175	2375	2000	2200	2450	2050	2250	2475	2150	2350	2550

Reliant™ RS45 Dimensions with fittings (In.):  
35.13L X 21W X 22.81H | Dry Weight (Lbs.): 195



# RELIANT™ RS85-L



**Hydraulically Driven Aluminum Air Compressor**

30% Lighter Than its Predecessor. More Powerful Than the Competition. Quieter Operation.



SPECIFICATIONS								
Capacity (CFM)	60	60	70	70	80	80	85	85
Air Pressure (PSI)	100	150	100	150	100	150	100	125
Compressor (RPM)	1950	1975	2275	2300	2650	2650	2850	2850
Hydraulic Flow (GPM)*	14	14.2	16.5	16.8	18.5	18.8	19.7	19.9
Hydraulic Pressure (PSI)*	2500	2750	2650	2800	2800	3075	2800	2950

Reliant™ RS85-L Dimensions with fittings (In.):  
38.55L X 21.0W X 24.64H | Dry Weight (Lbs.): 285 lbs



Capable of powering a 90 lb. jack hammer!

ADHD➤



Hydraulically Driven Rotary Screw Air Compressor

Ideal for: Utility Trucks, Lube Trucks, Heavy-Duty Mechanic Trucks and Paint Strippers!



SPECIFICATIONS						
Capacity (CFM)	125	125	160	160	185	185**
Air Pressure (PSI)	100	150	100	150	100	150
Hydraulic Flow (GPM)*	27.6	29.2	36.8	38.3	42.2	44.2
Hydraulic Pressure (PSI)*	2100	2620	2200	2700	2400	2830
Input-Speed (RPM)	1340	1370	1770	1780	2015	2040

ADHD Dimensions with fittings (In.):  
46.3L X 47.4W X 26.8H | Dry Weight (Lbs.): 730 | Standard side-mount receiver configuration  
46.3L X 47.4W X 26.8H | Dry Weight (Lbs.): 755 | Standard side-mount receiver configuration 185 CFM @ 100 PSI  
45.9L X 35.7W X 42.9H | Dry Weight (Lbs.): 900 | Vertically stacked configuration receiver  
48.4L X 35.7W X 42.9H | Dry Weight (Lbs.): 925 | Vertically stacked configuration receiver 185 CFM @ 100 PSI



\*\*185 CFM @ 150 PSI systems may require additional cooling.





800.526.8817 | [vanair.com](http://vanair.com)



| Vanair's **There**

© Vanair Manufacturing, Inc. \*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. Consult Vanair® for specific details. Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligation. 032023\_NML