



Above-deck Hydraulically Driven Air Compressor Systems

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



RELIANT ▶
RC40



RELIANT ▶
RC40-L



RELIANT ▶
RS45



RELIANT ▶
RS85-L



ADHD ▶

Above-deck Hydraulically Driven Systems

The Most Powerful, Compact Air Compressors in Their Class

Vanair's powerful above-deck 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 above-deck hydraulic machines to get your job done.



RELIANT™ RC40



Hydraulically Driven Reciprocating Air Compressor



Field proven performance. Ideal for: tire and mechanic trucks

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

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



RELIANT™ RC40-L



Hydraulically Driven Aluminum Air Compressor



40% LIGHTER



The leading air compressor for the tire and mechanic truck industry now 40% lighter!

Also available with analog gauges.

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	9.0	10	10	10	10
Hydraulic Pressure (PSI)*	2300	2450	2575	2600	2300	2470	2550	2600

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



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

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



RELIANT[™]

RS85-L



30% LIGHTER



Hydraulically Driven Aluminum Air Compressor

Now 30% lighter than its predecessor. More powerful than the competition. Quieter operation.



Also available with analog gauges.

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)*	14.0	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

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



Capable of powering a two 90 lb. jack hammer!

ADHD



Hydraulically Driven Rotary Screw Air Compressor



Ideal for: utility trucks, lube trucks, heavy-duty mechanic trucks and paint strippers

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

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



| *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. 072022_NML