





Abovedeck Hydraulically Driven Air Compressor Systems

Reliant[™] RC40[™] • Reliant[™] RS45[™] • Reliant[™] RS85[™] • ADHD





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Abovedeck Hydraulically Driven Systems

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.



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.



Now 55% lighter • Quieter operation • More air power than competing models!



ydraulically Driven Rotary Screw Air Compressor

Air-on-demand. Ideal for: tire and mechanic trucks

Hydraulic Flow (GPM)*



11

2150

Capacity (CFM) 35 40 45 30 30 30 35 35 40 40 Air Pressure (PSI) 100 125 150 100 125 150 100 125 150 100

8.3

2000

8.4

2200

8.6

9.6

9.7

2250

9.8

2475

7.3

Hydraulic Pressure (PSI)* 1850 2175 2375 2450 2050 Dimensions with fittings (In.): 35.13L X 21W X 22.81H | Dry Weight (Lbs.): 195

7.2

7



45

125

11.1

2350

45

150

11.2

2550

Capable of powering a 90 lb. jack hammer!



Hydraulically Driven Rotary Screw Air Compressor

Ideal for: heavy-duty mechanic, tire service, crane, lube and roadside repair vehicles



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	16.7	16.8	18.5	18.8	19.7	19.9
Hydraulic Pressure (PSI)*	2240	2750	2370	2800	2470	3075	2470	2700

Dimensions with fittings (In.): 39.5L X 21.0W X 25.0H | Dry Weight (Lbs.): 400

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



Capable of powering a two 90 lb. jack hammer!



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) 1780 1340 1370 1770 2015 2040

Dimensions with fittings (In.):

46.3L X 47.4W X 26.8H | Dry Weight (Lbs.): 730 | Standard side-mount receiver configuration

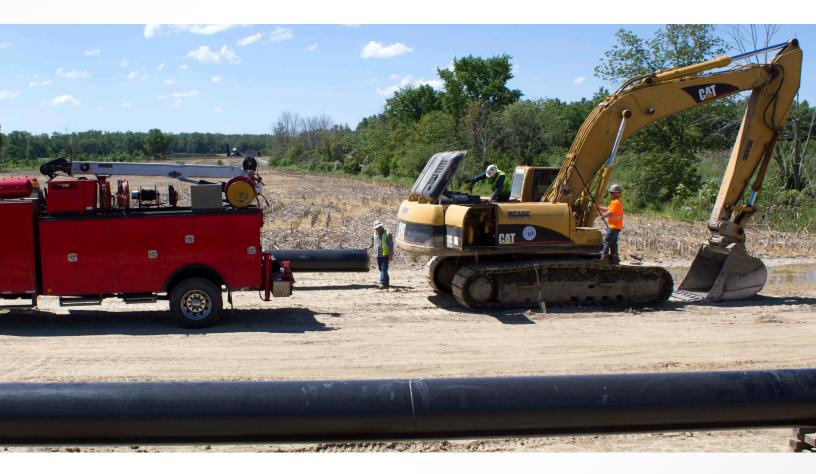
46.3L X 47.4W X 26.8H | Dry Weight (Lbs.): 755 | Standard side-mount receiver configuration 185 CFM @ 100 PSI 45.9L X 35.7W X 42.9H | Dry Weight (Lbs.): 900 | Vertically stacked configuration receiver

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.









© 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. 0118