HYDRAULIC DRIVEN 60 - 185 CFM UNDERDECK AIR COMPRESSOR

Shown: 60-185 CFM kit

All the Advantages of an Underdeck System

Lightweight, space saving and cost effective, Vanair's hydraulically-driven underdeck air compressor systems are ideal for vehicles that already have a built-in hydraulic system.

SPECIFICATIONS

Capacity (CFM)	Air (psi)	gpm	Hydraulic Pressure	Compressor Input	Compressor Oil Capacity	Mounted Weight (dry)
60	100 - 150	17.0	2300 - 2800	1030 rpm	2.5 gal.	428 lbs.
85	100 - 150	23.5	2300 - 2700	1460 rpm	2.5 gal.	428 lbs.
125	100 - 150	27.6 - 29.2	2100 - 2620	1330 rpm	3.5 gal.	453 lbs.
160	100 - 150	36.8 - 38.3	2200 - 2700	1675 rpm	3.5 gal.	453 lbs.
185*	100 - 150	42.2 - 44.2	2400 - 2830	1920 rpm	3.5 gal.	453-491 lbs.

Ratings above are approximate and are based on 120° F hydraulic fluid temperature. Add 400 psi minimum to hydraulic requirements for hydraulic system continuous pressure ratings. Machine hydraulic relief valve is set at 3200 psi. Consult Vanair for specific details.

*150 psi kit includes additional cooler. Consult factory for over 185 CFM.

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SPECIAL FEATURES

Air Compressor

- Lifetime warranty on air end
- 100,000 hours design life
- 100% Duty cycle
- Greater efficiency for lower engine RPM's
- Integrated inlet valve and rear discharge provides higher ground clearance
- Made in USA

Discharge System

- Intank coalescer system provides greater surface area for increased oil separation
- Coalescer is protected from the elements, eliminating the possibility of rust or damage from external source
- Exclusive anti-static coalescing element for greater safety
- Uses only 3.0 gallons of oil vs. 5.5 gallons compared to competitor's tanks
- Less prescribed maintenance and waste oil recovery costs
- Less than 2 ppm oil carryover
- Pressure rated to 250 psig
- 5 year warranty or 3000 hours for replacement on coalescer element only
- Smaller tank design makes installation easier
- Streamlined fittings on the end of tank
- ASME and CRN certified

Instrumentation

- Hour meter
- Pressure gauge
- Temparature gauge

Cooler(s)

- Capable of cooling up to 185 CFM at 100 psi
- Air to oil heat exchanger driven by 12V fan

Air Filter

- ABS plastic housing
- Dual stage

Hydraulic Motor

- Geared

Vanguard Rotary Screw Compressor Oil

- Full synthetic oil exclusively created for rotary screw compressors
- Flash point: 257° C/495° F
- Pour Point: -45°C / -50° F
- Outstanding thermal and oxidative stability
- Reduced oil disposal due to extended drain intervals

Safety Equipment

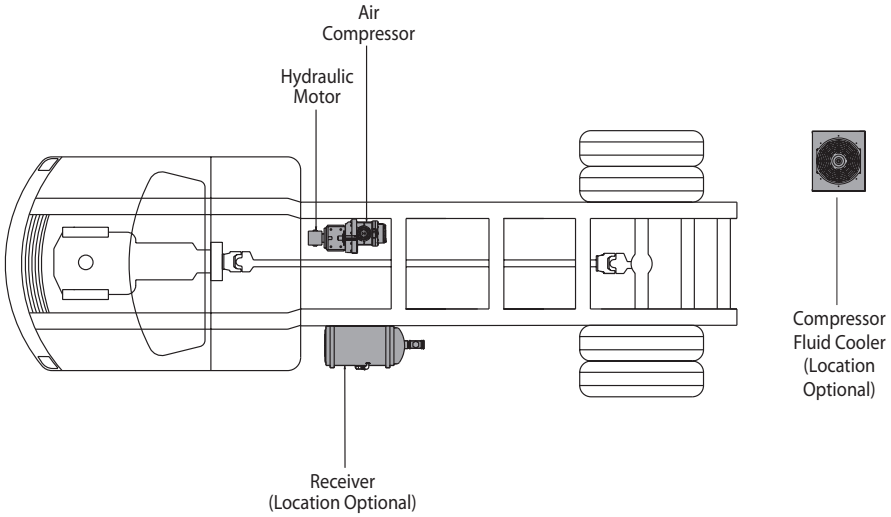
- High-temperature shutdown
- High-pressure shutdown
- Air pressure-relief safety valve
- Minimum pressure valve
- Automatic blowdown on shutdown
- Oil fill plug safety relief

OPTIONS/ACCESSORIES

- External, spin-on air-oil separating element
- Dual pressure
- Service/control line moisture separators
- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- OSHA safety valve (velocity fuse)
- Sullair® air tools
- Tool oiler/lubricator
- Post drivers
- Biodegradable Vanguard Green synthetic oil

DIMENSIONS – (without fittings)

60, 85, 125, 160 and 185 CFM Model
Compressor (in.) – 11.9 W x 18 L x 13 H
Air/fluid receiver (in.) – 10.25 D x 21.5 L
Remote air to oil cooler (in.) – 26.5 W x 19.25 H x 9.25 D
Hydraulic coupling including
motor (in.) – 12.25 W x 30.25 L x 15.5 H



HYDRAULIC SYSTEM REQUIREMENTS

Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic 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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Specifications subject to change without notice.
HYDRAULICCOMPONENT-072215

Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.