

4x4 Ford® Super Duty PTO System



**Available in
Gas & Diesel**

THRU-DRIVE™

No Need for Underhood Air Compressor or Complicated Split Shafts

There's air, then there's serious duty air. Vanair's 4x4 Ford® Super Duty PTO air compressor system featuring Vanair's exclusive counterclockwise air end and Thru-Drive™ technology, delivers the Mobile Power Solution you've always wanted in your Ford® work truck. Supplying excellent ground clearance, the Vanair system utilizes lower RPMs than underhood configurations reducing the wear and tear on your vehicle's engine and saves fuel all without compromising the vehicle's full 5 year/60,000 mile drive train warranty.

Power...Performance...Innovation...Vanair delivers the Mobile Power Solution you've been looking for, without the right muscle, you're simply out of work.

SPECIFICATIONS

Capacity (CFM)	Air (PSI)	Compressor Input	Compressor Oil Capacity	Mounted Weight (dry)
100	100 - 150	1595 RPM	3.0 gal.	550 lbs.
125	100 - 150	1625 RPM	3.0 gal.	550 lbs.
160	100 - 150	2085 RPM	3.0 gal.	550 lbs.
185*	100	2415 RPM	3.0 gal.	575 lbs.



Kits do not include Speed Control, PTO or Driveline.

*Kit includes additional cooler.



VANAIR®
MOBILE POWER SOLUTIONS™

800.526.8817 | vanair.com

SPECIAL FEATURES

Air Compressor

- Powertech™ CCW air end engineered for optimal RPM performance
- Lifetime warranty on air end
- 100% Duty cycle

Thru-Drive™ System

- Vanair exclusive air end
- Enhanced transfer case with Thru-Drive™ shaft
- Rated at 200 ft lbs of torque intermittent
- High quality, shaft, bearing and coupling for minimal vibration and extended component life
- Directly connects PTO to the compressor through the transfer case
- Does not tap into engine coolant system

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

(Sold Separately)

V-TEC® Vanair LCD Total Electronic Remote Panel System

Total Diagnostic Monitoring Display Includes:

- Remote engine speed control
- Built-in safety features
- Complete startup & shutdown capabilities
- Oil temperature & air pressure system checks
- Troubleshooting & maintenance display assistance & alerts

Cooler(s)

- Capable of cooling up to 185 CFM at 150 psi
- Air to oil heat exchanger driven by 12V fan

Air Filter

- ABS plastic housing
- Dual stage

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

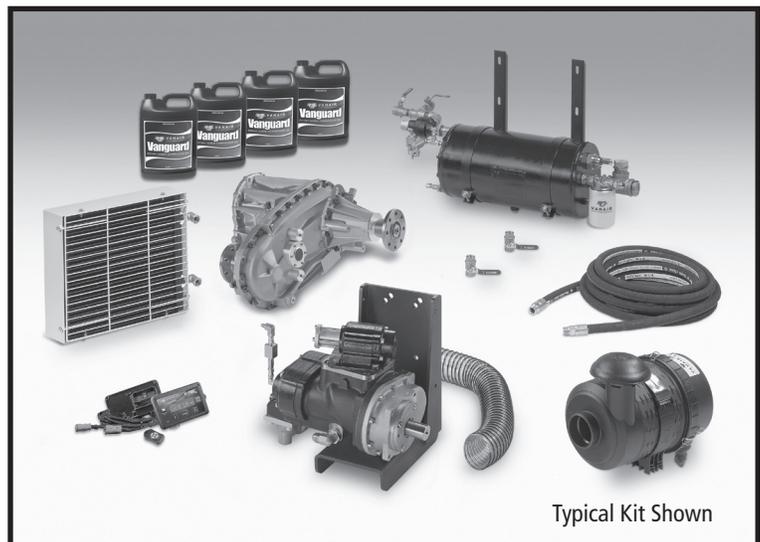
DIMENSIONS – (without fittings)

100, 125, 160 and 185 CFM Model

Compressor (in.) – 9.5 L x 10.8 W x 16.3 H

Air/fluid receiver (in.) – 21.5 L x 10.25 D

Remote air to oil cooler (in.) – 19.25 L x 26.5 W x 9.25 H



Typical Kit Shown



VAN AIR®
MOBILE POWER SOLUTIONS™

Specifications subject to change without notice.
FORD4x4PTOThruDrive-072215

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