

Genair® 125-160 CFM

Air Compressor and Weatherproof AC Generator
for 4x4 Ford® Super Duty 350-550

GENAIR®

WEATHERPROOF



Air and AC Power with One PTO Opening

Totally contained underdeck within the truck's frame rails, the patented Genair® dual power system replaces the need for separate engine-drive air compressors, generators, or power inverters by providing everything you need in a single integrated unit with one PTO opening. The TEFC (Totally Enclosed Fan Cooled) generator has a high weatherproof protection degree against dirt, grime and salt and is the ideal choice for harsh environments. The Genair® is the perfect choice for plastic pipe fusion, TV pipeline inspection, and other on-board air compressor/AC electric power demands.

SPECIFICATIONS

AIR COMPRESSOR

Capacity (CFM)	Air (psi)	Air Compressor Input	Air Compressor Oil Capacity	Mounted Weight (dry)
125	100 to 150	1940 RPM	3.5 gal.	550 lbs.
160	100 to 150	2435 RPM	3.5 gal.	550 lbs.

WEATHERPROOF GENERATOR (TEFC)

Output (continuous)	6.6 kW	9.6 kW
Weight	72 lbs.	92 lbs.
Diameter	10"	10"
Length	14.25"	16.25"
Voltage	120 or 120/240	120 or 120/240
Phase	Single Phase	Single Phase
Speed	3600 RPM	3600 RPM
Protection Degree	IP54	
Type	Brushless AVR	

*150 PSI kit includes additional cooler. **Frequency fluctuations may occur when used with Ford gasoline vehicles. Frequency sensitive equipment may not operate properly.



VAN AIR®
MOBILE POWER SOLUTIONS™

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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

Generator

- No brushes for maintenance-free operation
- 6.6 kW to 9.6 kW producing 120 or 120/240V at a constant 60 Hz
- Ground fault circuits and outlet panels available to meet your needs

Thru-Drive™ System

- Enhanced transfer case with Thru-Drive™ technology
- 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 10 inch diameter tank design makes installation easier
- Streamlined fittings on the end of tank
- ASME and CRN certified

Instrumentation

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 160 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)

125 and 160 CFM Model

Compressor (in.) – 11.9 W x 18 L x 13 H

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

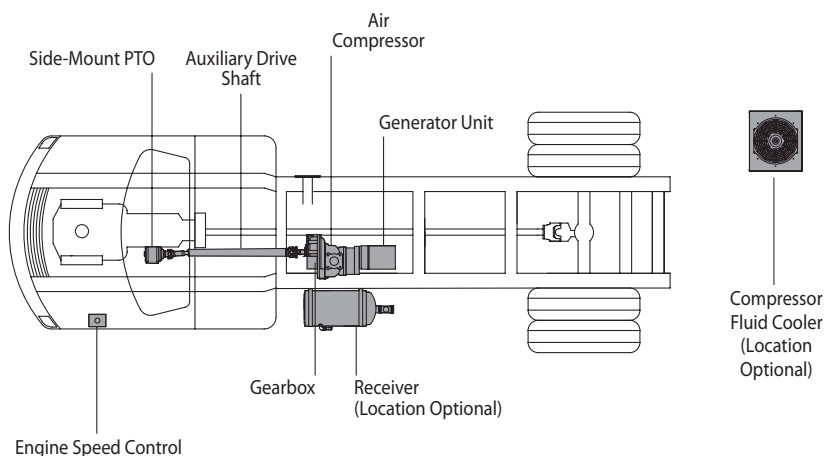
Remote air to oil cooler (in.) – 26.5 W x 19.25 H x 9.25 D

6.6 kW Generator (in.) – 8 W x 14.25 H x 10 D

9.6 kW Generator (in.) – 9 W x 16.25 H x 10 D

Gear box (in.) – 10 W x 14.75 H x 10.06 D

US Patented



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

GENAIR-FORD-4X4-TEFC-070815