

# Genair® 125 - 160 CFM

## Weatherproof Air Compressor and AC Generator for 2WD Ford® Super Duty 350-550



### 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 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 Pressure (psi)	Air Compressor Input	Air Compressor Oil Capacity	Mounted Weight (dry)
125	100 - 150	1940 RPM	3.5 gal.	550 lbs.
160	100 - 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	



**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

## GENERAL FEATURES

- Provides constant power input without belts, pulleys, or tensioning devices
- Can run air compressor and AC generator separately or simultaneously
- Ideal for pipeline sewer inspection, plastic pipe fusion, auxiliary lighting, and on-board air compressor and AC electric power requirements

## Generator

- Offers both 120V and 240V outlets
- Electric capacity peak of 6.6 kW and 9.6 kW producing 120 or 120/240V at a constant 60 Hz
- Precise frequency controls keep output regulated within 2%

## 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

### 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 and 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)

### 125-160 CFM Model

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

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

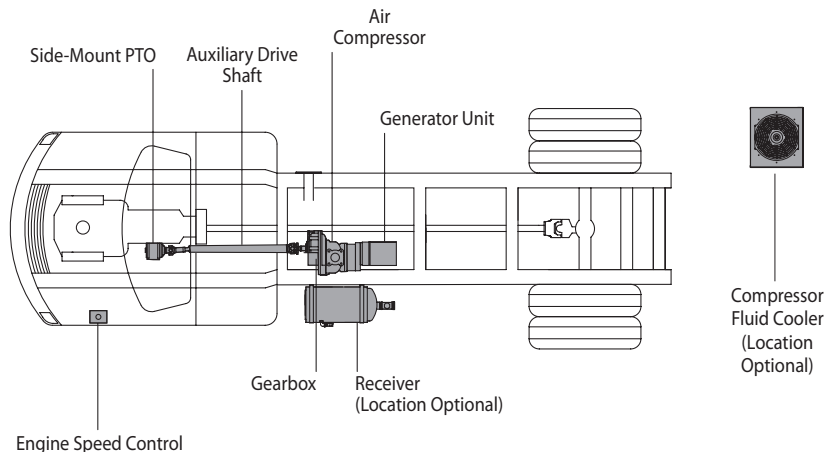
Remote air to oil cooler (in.) – 26.5 W x 19.25 H x 9.25 D

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 – 10 W x 14.75 H x 10.06 D

US Patented



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



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