

Genair® 125 - 185* CFM Air Compressor and Weatherproof AC Generator



Air and AC Power with One PTO Opening

The Genair® TEFC provides all the benefits of our patented integral air compressor and weatherproof generator system with the added benefit of a sealed generator. Eliminating the need for separate engine-drive air compressors, generators or power inverters the Genair® is easily mounted to the trucks frame rail. The Totally Enclose Fan Cooled generator has a high protection degree against dirt, grime and salt and is the ideal choice for harsh environments.

SPECIFICATIONS

AIR COMPRESSOR				
Capacity (cfm)	Air (psi)	Air Compressor Input	Air Compressor Oil Capacity	Mounted Weight (dry)
125	100 - 150	1535 rpm	3.5 gal.	550 lbs.
160	100 - 150	1880 rpm	3.5 gal.	550 lbs.
185*	100 - 150	2160 rpm	3.5 gal.	550-575 lbs.

*150 psi kit includes additional cooler.

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	



VANAIR®
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

- Totally enclosed fan cooled sealed generator
- No brushes for maintenance-free operation
- Automatic voltage regulation (AVR) regulates to within $\pm 2\%$
- 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

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

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

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 185 cfm at 100 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

COMPRESSOR DIMENSIONS – (without fittings)

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

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

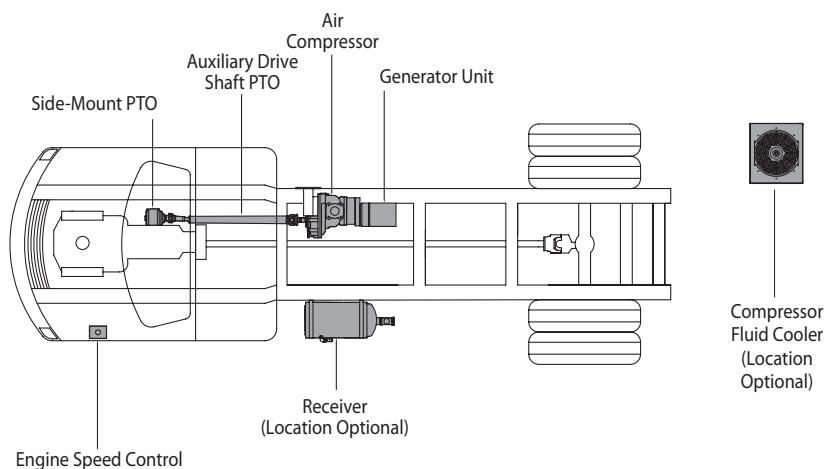
Remote air to oil cooler (in.) – 26.5 W x 19.25 H x 9.25 D

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



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