

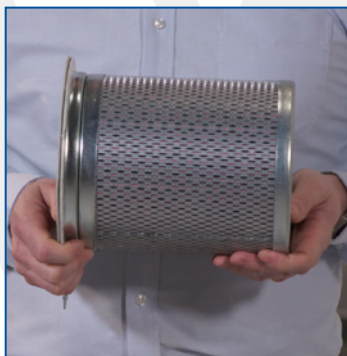
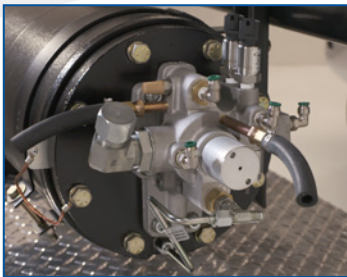
**The Biggest
Advancement
in PTO Underdeck
Systems in 50 Years!**



VAN AIR[®]
MOBILE POWER SOLUTIONS[™]

The industry demanded higher dependability, greater durability, and lower life cycle cost. And we responded.

In 1972, Vanair® developed the world's first vehicle-mounted, PTO driven rotary screw air compressors, establishing the industry and meeting the demand for better mobile workplace productivity. We've built on our tradition of listening to our customers with the new PTO Underdeck Technology. The unprecedented innovations we've engineered into our systems answer your demand for improved reliability, increased uptime, and reduced life cycle cost. Available exclusively on Vanair® products, these innovative features include:



Advanced and Streamlined Separation Tank with Integrated Manifolds

- Replaces outdated designs with built-in thermal valve, temperature thermistor, pressure relief valve, single and dual pressure regulators, oil filter assembly, and Ultrasonic oil level sensor option
- Integrates the components and manifold into the tank for faster installation plus more dependable and efficient performance with less maintenance
- JIC and O-Ring fittings for connecting points reduce leak points by over 60%
- Sensors can be remotely mounted in a weatherproof enclosure for protection from the environment
- Assured anti-static grounding system

UltraLife™

6000 Hour Air/Oil Separator Element

- Innovative design offers the lowest cost of ownership in the industry
- 6 times more life than the nearest competitor's spin-on coalescer element
- 15 times more life than an underhood design means the coalescer will last longer than the life cycle of your vehicle
- Assured anti-static grounding system

FailSafe™ OPTIONAL

Dual Sensor Redundancy System

- Patent-Pending FailSafe™ Dual Sensor Redundancy option provides backup in case critical sensors fail
- Virtually eliminates downtime for increased uptime

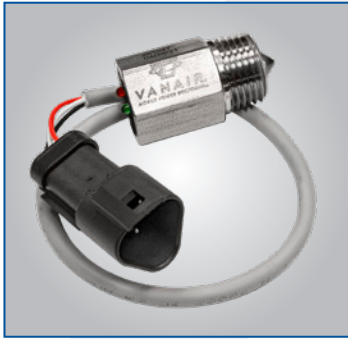


ThermalGuard™

Weather Protection Kit

OPTIONAL

- Patent-Pending ThermalGuard™ uses the vehicle's warm engine coolant to preheat the compressor oil and regulators to prevent oil-starvation and freeze-ups during cold conditions
- Aids in the elimination of moisture
- Arrives at the worksite without thick, cold oil or frozen regulators to compromise the compressor operation
- No moving parts or problematic electrical connections



Optical Oil Level Sensor

OPTIONAL

- Increased reliability readings over other types of oil sensor technology
- No moving parts
- Fully protected in a stainless steel encased sensor housing



V-TEC II▶

Vanair Total Electronic Control

The newly designed V-TEC® II Control System provides clear, informative, and intuitive operation, as it automatically controls all the new features. Other advantages include:

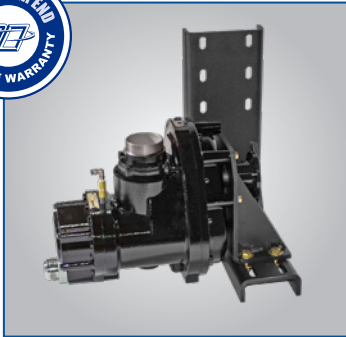


- Infinitely variable to reduce fuel, noise, and wear and tear on the engine
- Reliable harnesses and simplified wiring
- All harnesses are designed and tested in accordance with IPC/WHMA-A-620C standard
- Utilizes Deutsch waterproof connectors for ALL connections
- Easy plug and play for faster installs and straightforward diagnostics
- Unique Torque Management for a soft, smooth engagement of the PTO, protecting the system and driveline
- Onboard diagnostics and prescribed maintenance intervals
- USB updatable and rugged IP67 rated weatherproof display with low-light and bright light visibility
- No third-party programming required



The New Brushless Fan Compressor Oil Cooler Package with Thermal Protection

- Industry-leading 40,000 hour design life
- Certified IP68 weatherproof brushless fan with built-in thermal protection eliminates the need for fan relays



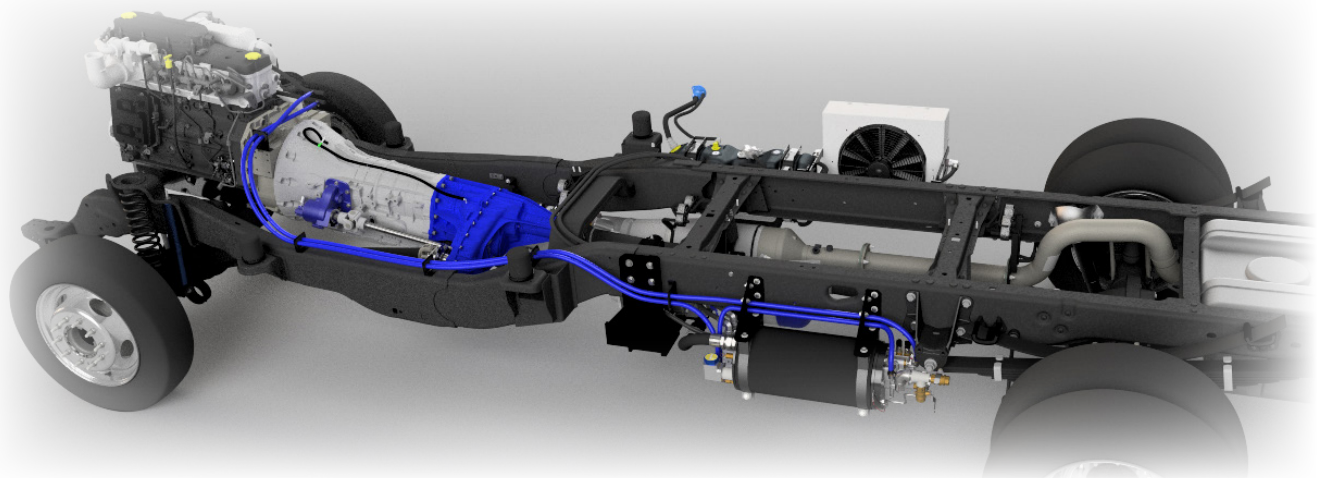
Sullair® Air End

The Sullair® Air End is manufactured in the USA and recognized throughout the world as the most durable rotary screw air compressor on the market. In addition to its unmatched dependability, our air end offers:

- 110,000 hour design life
- Lowest input speeds on the market. Lowest input speed = lowest engine RPM.
- Over 18 standard gear ratios available for greater efficiency for lower horsepower requirements and noise reduction
- 100% duty cycle
- Lifetime warranty
- Integrated inlet control valve

Exclusively at Vanair®

With these innovations you receive the most life cycle cost savings, easiest operation and best reliability on the market. Plus, you still have the weight and space reduction, ease of use, and greater mobility you've come to expect from Vanair® Underdeck PTO systems. When you consider these benefits, why settle for anything less than a Vanair® Underdeck system?



10 year comparative life cycle costs It all adds up to Vanair® keeping you out of the red

Prescribed Maintenance Oil



Price per gallon	\$70.00
Gallons per oil change	x 3.50
Cost per oil change	\$245.00
# of oil changes/10 yr vehicle life	x 10

Total oil change cost **\$2450**

Nearest Competitor

Price per gallon	\$86.66
Gallons per oil change	x 4.75
Cost per oil change	\$411.64
# of oil changes/10 yr vehicle life	x 20

Generates 65 more gallons of waste oil than Vanair®

Total oil change cost **\$8232.70**



Vanair® saves you **\$5782.70** in oil costs per vehicle over 10 years

Prescribed Maintenance Coalescer



of filter changes/10 yr vehicle life x 0

Total coalescer cost **\$0**

Nearest Competitor

Coalescer filter price	\$182.77
# of filter changes/10 yr vehicle life	x 10
Total coalescer	\$1827.70

Total coalescer cost **\$1827.70**



Vanair® saves you **\$1827.70** in coalescer costs per vehicle over 10 years

The Prescribed Maintenance Savings Add Up!

\$7610.40
1 vehicle/10 years



\$76,104
10 vehicle/10 years



\$152,280
20 vehicle/10 years

Based on each manufacturer's recommended rotary screw oil and coalescer change schedule and assumes 500 hours compressor use per year.



VANAIR[®]
MOBILE POWER SOLUTIONS[™]

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| *Vanair's* **There**

© Vanair Manufacturing, Inc. *Ratings are approximate and are based on 120 °F hydraulic fluid temperature. Add 400 PSI minimum to hydraulic requirements for hydraulic system continuous pressure ratings. Consult Vanair[®] for specific details. Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligation. 072021_CMG