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*Unlimited Advantages.  
Innovative Features.*

Vanair Underdeck 60 to 900 cfm PTO Air Compressors



**VANAIR**

AIR POWER TO GO™



**SULLAIR**  
Inside



*When you need "Air Power to Go," rely on Vanair's line of powerful, compact, and lightweight truck-mounted underdeck air compressors. A fraction of the cost of tow-behinds, these compressors deliver a powerful 60 to 900 cfm of air combined with features and benefits that blow away the competition. Underdeck air compressors from Vanair. Taking "Air Power to Go" to a totally new level!*

## *We Forged a Path that Others Merely Follow*

PTO Vehicle-Mounted Air Compressors.  
We Invented It. We Perfected It.



### *Powerful Performance*

Vanair truck-mounted underdeck air compressors supply work crews with 60 to 900 cfm of air at a fraction of the cost of towable units and at dramatically lower engine speeds than underhood models.

### *Cost-effective Versatility*

Vanair underdeck air compressors can be driven by side-mount PTO, split-shaft PTO, or hydraulic PTO to suit your application. Since the Vanair PTO underdeck uses the truck's own engine to power the compressor, you save money because there are no more costly extra engines to operate, maintain, insure, and license.

### *Space-saving Positioning*

Because the compressor is totally contained under the truck deck or body, valuable truck bed space is freed up for other equipment.

### *Convenient Accessibility*

A simple flip of a switch turns your truck into a ready-to-go, industrial-strength compressor.

### *Rotary Screw Reliability*

As the first company to utilize Power Take-off (PTO) technology for rotary screw air compressors, Vanair is the one and only company that has exclusive rights to incorporate the Sullair® rotary screw air end into every underdeck unit. The Sullair® air end is proven to be the most reliable and dependable compressor air end in the industry.

### *Vanair Dependability*

Every product that Vanair designs, engineers, and manufactures is backed by years of technological experience, expertise, and a commitment to continuous improvement. In fact, Vanair is the first and only company to offer a lifetime warranty on its air end.

### *Underdeck vs. Tow-Behind*

- Use your truck's engine to power the compressor: no extra engines to operate, maintain, license, and insure.
- Free up valuable truck bed space since compressor is positioned underdeck.
- Eliminate damage and repair costs of tow-behind compressors.
- Lower insurance costs, since theft is not an issue with underdecks.
- Increase mobility through traffic and on the job site.



# Side-mount Component Specifications

Capacity cfm*	Air psi	Compressor Input	Typical Engine Speed	Compressor Oil Capacity	Mounted Weight (Dry)
60	100 to 150	1030 rpm	790 rpm	2.5 gal.	328 lbs.
85	100 to 150	1460 rpm	1125 rpm	2.5 gal.	328 lbs.
125	100 to 150	1330 rpm	1025 rpm	3.5 gal.	407 lbs.
160	100 to 150	1675 rpm	1290 rpm	3.5 gal.	407 lbs.
185	100 to 150	1920 rpm	1475 rpm	3.5 gal.	407 lbs.
200	100 to 150	2075 rpm	1595 rpm	3.5 gal.	407 lbs.
250*	100 to 150	1800 rpm	1595 rpm	7.0 gal.	710 lbs.

\*Consult factory for over 250 cfm



Shown: 125 to 200 cfm Kit

## Component Dimensions (with fittings)

Models 60 and 85

Compressor (in.) – 11.9W x 18L x 13H

Air/Fluid Receiver (in.) – 10D x 30L

Remote Fluid Cooler (in.) – 22W x 17.5H x 9.25D

Models 125, 160, and 185

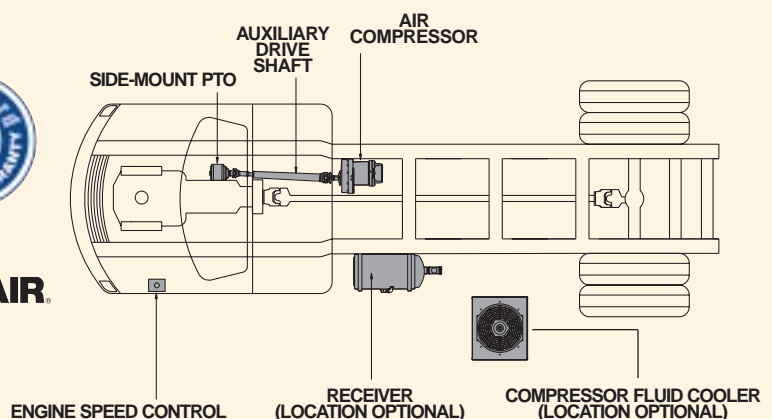
Compressor (in.) – 11.9W x 18L x 13H

Air/Fluid Receiver (in.) – 12D x 38L

Remote Fluid Cooler (in.) – 26.5W x 19.25H x 9.25D



**SULLAIR**  
Inside



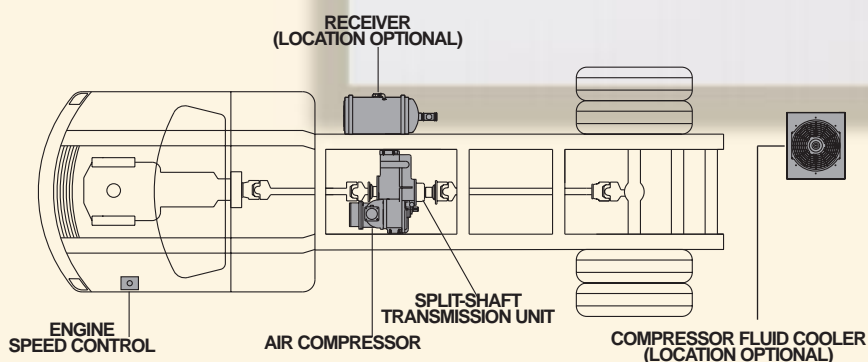


# Split-shaft Component Specifications

Capacity cfm	Air psi	Compressor Input	Compressor Oil Capacity	Mounted Weight (Dry)
125	100 to 150	1050 rpm	3.5 gal.	550 lbs.
160	100 to 150	1300 rpm	3.5 gal.	550 lbs.
185	100 to 150	1485 rpm	3.5 gal.	550 lbs.



Shown: 125 to 185 cfm Kit



## Component Dimensions (with fittings)

Compressor/PTO Unit (in.) – 33W x 26L x 21H

Air/Fluid Receiver (in.) – 12D x 38L

Fluid Cooler (in.) – 26.5W x 19.5H x 9.25D



# Hydraulic Component Specifications

Capacity cfm*	Air psi	gpm	Hydraulic Pressure	Compressor Input	Compressor Oil Capacity	Mounted Weight (Dry)
60	100 to 150	17.0	2300 to 2800	1030 rpm	2.5 gal.	428 lbs.
85	100 to 150	23.5	2300 to 2700	1460 rpm	2.5 gal.	428 lbs.
125	100 to 150	30.0	2500 to 3000	1330 rpm	3.5 gal.	453 lbs.
160	100 to 150	37.0	2300 to 2900	1675 rpm	3.5 gal.	453 lbs.
185*	100 to 150	42.0	2400 to 2900	1920 rpm	3.5 gal.	453 lbs.

\*Consult factory for over 185 cfm



Shown: 125 to 185 cfm Kit

## HYDRAULIC SYSTEM REQUIREMENTS

- 3000 psi rated hydraulic pump
- Pressure relief set at 3200 psi
- Hydraulic reservoir at 2.5 times the oil flow (recommended)
- Dedicated gear pump
- Additional oil cooler for high-ambient temperatures

## Component Dimensions (with fittings)

Models 60 and 85

Compressor (in.) – 12W x 29L x 13.5H

Air/Fluid Receiver (in.) – 10D x 30L

Fluid Cooler (in.) – 22W x 17.5H x 9.25D

Models 125, 160, and 185

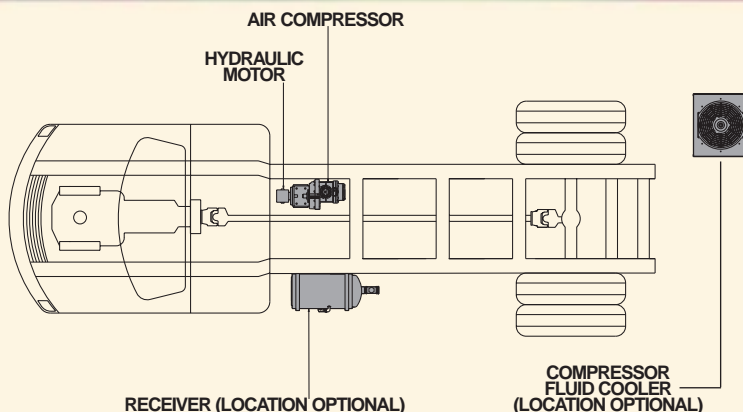
Compressor (in.) – 12W x 29L x 13.5H

Air/Fluid Receiver (in.) – 12D x 38L

Fluid Cooler (in.) – 26.5W x 19.25H x 9.25D



**SULLAIR**  
Inside





## *In-tank Air-Oil Separating Element*

Vanair is the only compressor company that offers the innovative in-tank air-oil separating element on all its air compressor units. Unlike the traditional external, spin-on type used by other companies, the in-tank design offers a number of advantages, which translates into greater performance and savings.



- The in-tank design has greater surface area for increased oil separation.
- The in-tank design is protected from the elements, eliminating the possibility of rust or damage from external sources.
- The in-tank design has a five-year or 3,000-hour warranty (whichever comes first), compared to a one-year coverage for external separators. In fact, most units may never need replacements.
- Optional spin-on, external separators are available.



## *The Powertech™ Air Compressor*

For a lower cost, more powerful air compressor that delivers air on demand, look to Vanair's Powertech™ air compressor. Combining Vanair ingenuity with Sullair® dependability, Powertech™ offers numerous advantages:

- 100,000-hour design life
- 100% duty cycle
- Certified output: 200 cfm @ 175 psi
- Vanguard™ Lifetime Warranty when following prescribed maintenance schedule
- Greater efficiency for lower horsepower
- Rear discharge for greater ground clearance
- Incorporates the Sullair® air end
- Made in the USA
- Integrated inlet control valve





# Vanguard™ Premium Rotary Screw Compressor Oil

Vanguard™ is a synthetic blend designed to:

- Allow easier cold weather starting and warmup
- Provide exceptional lubrication during hot or severe service
- Control fluid oxidation
- Limit fluid loss from vaporization
- Minimize wear
- Prevent rust and corrosion
- Effectively seal rotors and keep the compressor clean

## Vanguard™ Lifetime Warranty

The Only One on Today's Market!



The Vanguard™ Lifetime Warranty, available on all Vanair Underdeck Units and other select models, gives you the opportunity to enjoy the power and performance of your air compressor backed by a warranty program that protects your air end for life!

The only thing you have to do is service your unit at the prescribed maintenance schedule using the Vanguard™ Lifetime Warranty Service Kit, which includes an air filter, oil filter, and Vanguard™, our specially formulated high-performance oil.

Vanguard™ Lifetime Warranty Service Kit 1057 for all Underdeck, Genair, and ADHD units.

## For All Underdeck Models

### Safety Equipment

- High-temperature shutdown
- High-pressure shutdown
- Air pressure-relief safety valve
- Minimum pressure orifice
- Automatic blowdown on shutdown
- Oil fill plug safety relief

### Instrumentation

- Hour Meter
- Pressure Gauge
- Temperature Gauge

### 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

Vanguard™ Lifetime Warranty Kit 1060 for all Viper units.

