

VANAIR V3 Multi-Drive Compressor/Generator/Hydraulic System

A Space-saving System

Totally contained underdeck within the truck's frame rails, the V3 Multi-Drive tri-power system replaces the need for separate engine-driven air compressors, generators, power inverters, or a separate hydraulic pump by providing everything you need in a single unit. The V3 Multi-Drive is the perfect choice for plastic pipe fusion, TV pipeline inspection, and other on-board air compressor, AC electric, and/or hydraulic power demands.

Rotary Screw Reliability, AC Accessibility

As the first company to utilize Power Take-off (PTO) technology for rotary screw compressors, Vanair is the one and only company that has exclusive rights to incorporate Sullair's® rotary screw air end into every V3 Multi-Drive unit. The Sullair® air end is proven to be the most reliable and durable 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. From installation assistance and operations training to comprehensive maintenance kits and troubleshooting techniques, Vanair backs up its commitment to its customers with the Vanguard™ Lifetime Warranty, which protects your air end for life.

Combine the power of a 125 to 200 CFM air compressor, a 7,200- to 11,600-watt AC generator, and a hydraulic pump for the power and the versatility you expect from an industry leader.

Get maximum productivity from your fleet – and meet 2008 emission compliance regulations – with the innovative system that gives you the opportunity to access air, electric, and hydraulic power via a single PTO: Vanair's V3 Multi-Drive System.

Three Types of Power. One PTO.

Vanair V3 Multi-Drive
Compressor/Generator/Hydraulic System




VANAIR
AIR POWER TO GO™




SULLAIR
Inside

SPECIFICATIONS

GENERATOR

Output (peak)	7.2 kW	11.6 kW
Weight	72 lbs.	92 lbs.
Height	10.5"	12"
Width	8.0"	9.0"
Length	14.0"	15.0"
Voltage	120 or 120/240	120 or 120/240
Phase	Single Phase	Single Phase
Speed	3600 RPM	3600 RPM

AIR COMPRESSOR

Capacity CFM*	Air psi	Compressor Input	Compressor Oil Capacity	Mounted Weight (Dry)
125	100 to 150	1535 rpm	3.5 gal.	550 lbs.
160	100 to 150	2000 rpm	3.5 gal.	550 lbs.
185	100 to 150	2300 rpm	3.5 gal.	550 lbs.
200	100 to 150	2325 rpm	3.5 gal.	550 lbs.

HYDRAULIC PUMP

Up to 90 gpm

SPECIAL FEATURES

- Auxiliary SAE B pad
- Multi-drive system – up to 3 power sources
- Constant power input without pulleys or tensioning devices
- 125 to 200 CFM air compressor capacities
- 7200 to 11,600 watts (peak), producing 120 or 120/240 volts at constant 60 Hz
- Power sources run simultaneously or independently
- Lifetime warranty on air end
- Provisions for hydraulic pump
- Saves space
- Saves weight
- Frees up trailer hitch
- Easy to install

Safety Equipment

- Built-in over speed protection
- Ground fault interrupter circuit
- Remote-mounted control panel
- Air pressure-relief safety orifice
- Oil fill plug safety relief

Instrumentation

- Conveniently located, easy-to-read instrumentation panel with hour meter, pressure gauge, temperature gauge

OPTIONS/ACCESSORIES

- Dual voltage - 120/240 AC
- Dual pressure
- Voltage regulator
- Service/control line moisture separators
- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels and fillings
- OSHA safety valve (velocity fuse)
- Sullair air tools
- Tool oiler/lubricator
- Frequency meter
- Voltage meter



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