

# SPLIT-SHAFT 125 - 185 CFM AIR COMPRESSOR



## The Solution for Vehicles Without a PTO

Vanair's 125-185 cfm unit mounts directly to the vehicle's driveline and is supported between the frame rails, eliminating the need for a PTO shaft driven system while still providing all the advantages of an underdeck air compressor.

### SPECIFICATIONS

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

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



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## SPECIAL FEATURES

### 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

### Instrumentation

- Hour Meter
- Pressure Gauge
- Temperature Gauge

## OPTIONS/ACCESSORIES

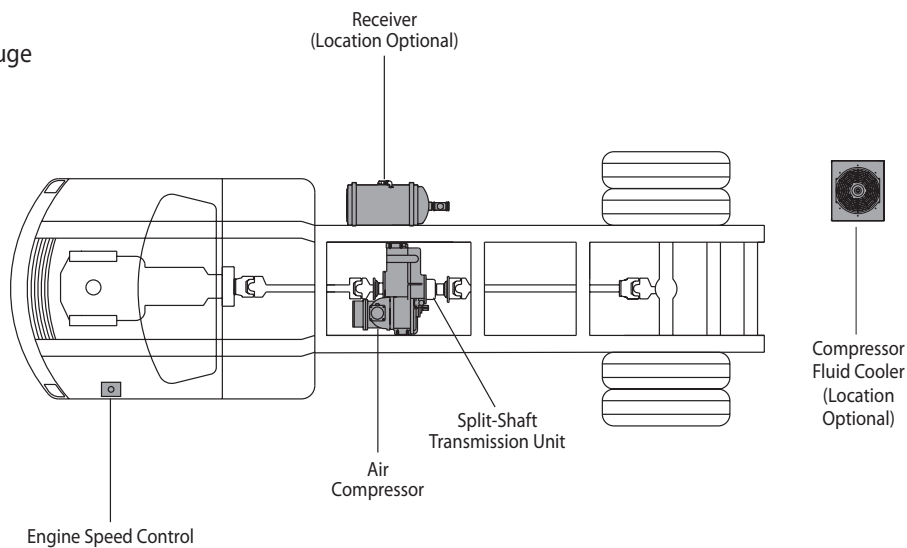
- External, spin-on air-oil separating element
- Dual Pressure
- Service/control line moisture separators
- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- OSHA safety valve (velocity fuse)
- Sullair® air tools
- Tool oiler/lubricator
- Post drivers

## COMPRESSION DIMENSIONS – (with fittings)

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

Air/Fluid Receiver (in.) – 12 D x 38 L

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



## HYDRAULIC SYSTEM REQUIREMENTS

Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic cooler, hydraulic pressure relief, and other hydraulic supply components for your application. Please take into consideration the following:

- The hydraulic flow and pressure requirements of the air compressor
- Keep in mind that when the compressor is running there is a continuous hydraulic load
- The duty cycle and ambient operating temperatures
- Other hydraulic equipment which may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit)

*Note: The temperature of the hydraulic oil should not exceed 140° F due to the rating of the Vanair supplied hydraulic motor.*



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SPLITSHAFT-0110