

VANAIR Viper Hydraulic 40 to 85 CFM Rotary Screw

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 Viper unit. The Sullair® air end is proven to be the most reliable and dependable compressor air end in the industry. This component, when integrated with other Vanair innovations, results in units that deliver reliable performance and longevity.

Truck-mounted Versatility

A variety of pressure options in the 100 to 150 psi range lets you select the Viper that is most suited to your primary applications. All options offer the opportunity to vary the air capacity you require with a simple control of the oil flow.

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.

When you need a high-performance air compressor that delivers proven performance for virtually any application, turn to Vanair's Viper Series Hydraulic Air Compressor. This compact, hydraulic powered unit offers the versatility and sheer power to match the task at hand.

The Industry's Most Powerful Abovedeck Air Compressor

Vanair 40 to 85 cfm Viper Series Hydraulic-Powered Air Compressor



SPECIFICATIONS

Standard Pressure Model

Capacity (cfm)	40	60	70	85
Air Pressure (psi)	100	100	100	100
Hydraulic Flow (gpm)	13.5	16.5	18.6	22.5
Normal Hydraulic Pressure (psi)	2250	2250	2250	2300

High Pressure Model

Capacity (cfm)	40	60	70	85
Air Pressure (psi)	150	150	150	150
Hydraulic Flow (gpm)	13.5	16.5	18.6	22.5
Normal Hydraulic Pressure (psi)	2700	2800	2850	2800

Both Models
Compressor Dimensions with
fittings (in.) –
42.2L X 20.0W x 21.0H

Allow for adequate ventilation

Dry Weight (lbs.) – 370

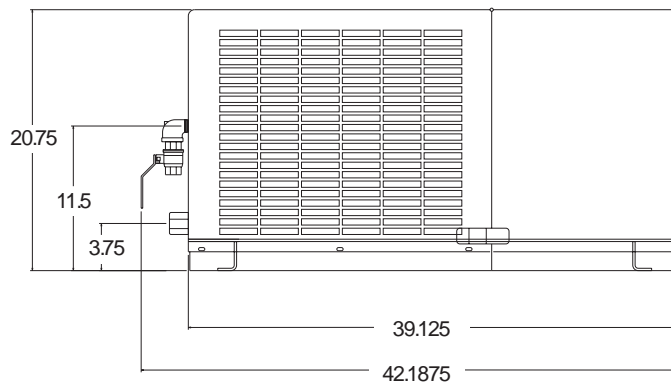
HYDRAULIC SYSTEM REQUIREMENTS

- 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

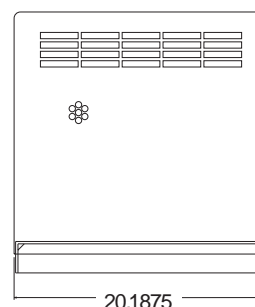


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SIDE VIEW



TOP VIEW



SPECIAL FEATURES

Compressor

- Vanguard™ Lifetime Warranty on air end
- Gear-type hydraulic motor
- Oil-injected, Sullair® rotary screw air end
- Powder-coated, galvanneal sheetmetal enclosure
- Air to oil compressor fluid cooler
- Ambient operating range: -20° F to +110° F
- Electrical 12-volt DC/24-volt DC
- Supply connections
 - Hydraulic oil in – 3/4" 37° JIC
 - Hydraulic oil out – 1" 37° JIC

Integrated Inlet Control

- Eliminates bolt-on designs

Safety Equipment

- High-temperature shutdown

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

Instrumentation

- Conveniently located, easy-to-read instrumentation panel features an hour meter and pressure gauge

OPTIONS/ACCESSORIES

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

Specifications subject to change without notice.
11/06