

VANAIR Tiger Hydraulic 30 to 45 CFM Rotary Screw

Rotary Screw Reliability

As the first company to utilize Power Take-off (PTO) technology for rotary screw air compressors, Vanair continues to enhance the rotary screw operation by integrating innovative components into every Tiger unit.

Truck-mounted Versatility

Ideal for applications in the tire and mechanic service markets, the Tiger combines heavy-duty performance in a truck-mounted design, offering the power you need for virtually any application.

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 and guidelines, Vanair offers the products and services you expect from the PTO innovator.

Heavy-Duty Performance in a Compact Package

Vanair Tiger 30 to 45 cfm Hydraulic-Powered Air Compressor



VANAIR

AIR POWER TO GO™



For applications where truck-bed space is at a premium and powerful performance is a requirement, upgrade your reciprocating compressor to Vanair's Tiger Hydraulic-Powered Rotary Screw Air Compressor. With a variety of capacities ranging from 30 to 45 cfm at 100 to 175 psi, there's a Tiger on the market to meet your needs.

SPECIFICATIONS

Standard Pressure Model

Capacity (cfm)	30	35	40	45
Air Pressure (psi)	100	100	100	100
Hydraulic Flow (gpm)	12.0	14.0	15	16.5
Hydraulic Pressure (psi)	1375	1450	1500	1500

High Pressure Model

Capacity (cfm)	30	35	40	45
Air Pressure (psi)	175	175	175	175
Hydraulic Flow (gpm)	12.0	14.0	15	16.5
Hydraulic Pressure (psi)	2400	2510	2620	2620

Compressor Dimensions with fittings (in.) –
35.75L X 17.5W x 19.25H

Allow for adequate ventilation

Dry Weight (lbs.) – 350

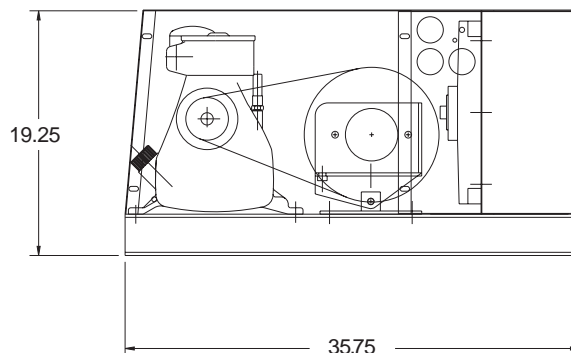
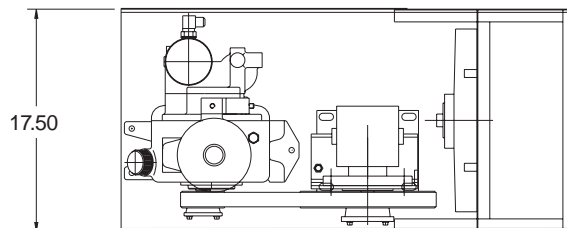
HYDRAULIC SYSTEM REQUIREMENTS

- 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



VAN AIR
AIR POWER TO GO™

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SPECIAL FEATURES

Compressor

- Cold weather package to prevent freeze-ups
- Gear-type hydraulic motor
- Encapsulated oil-injected rotary screw
- Powder-coated, galvanneal sheetmetal enclosure
- Spin-on air-oil separating element
- Ambient operating range: -20° F to +110° F
- On-off solenoid valve
- Air-to-oil compressor fluid cooler
- Integral hydraulic cooler
- Supply connections
 - Hydraulic oil in – 3/4" 37° JIC
 - Hydraulic oil out – 1" 37° JIC
- Electrical 12-volt DC/24-volt DC

Safety Equipment

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

Instrumentation

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

OPTIONS/ACCESSORIES

- 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