

# TIGER



## ROTARY SCREW RELIABILITY HEAVY DUTY PERFORMANCE

Upgrade your reciprocating compressor to Vanair's Tiger hydraulic-driven rotary screw air compressor. Durable and field-proven, the Tiger provides you with air-on-demand eliminating the downtime of waiting for an air reservoir to replenish its tank. The Tiger is the ideal choice for applications in the tire, lube and mechanic service markets.

### SPECIFICATIONS

<b>Capacity (CFM)</b>	30	30	35	35	40	40	45	45
<b>Air Pressure (PSI)</b>	100	150	100	150	100	150	100	150
<b>Hydraulic Flow (GPM)*</b>	10.0	10.6	11.1	11.9	12.5	14.0	15.1	16.2
<b>Hydraulic Pressure (PSI)*</b>	1780	2200	1840	2200	1900	2200	2000	2200

Dimensions with fittings (In.): 35.8L X 17.5W X 19.3H | Dry Weight (Lbs.): 350

\* Ratings are approximate and are based on 120 °F hydraulic fluid temperature. Add 400 PSI minimum to hydraulic requirements for hydraulic system continuous pressure ratings. The tiger's hydraulic relief valve is set at 3200 PSI. Consult Vanair for specific details.

### PERFORMANCE

- 30-45 CFM and Up to 150 PSI
- 12V and 24V DC Models Available
- Open Center or Closed Center Hydraulic Manifold Block
- 4-Pin Weather Proof Electrical Connection
- Heavy-Duty Powder-Coated, Galvanneal Sheet Metal Enclosure

### ENCAPSULATED AIR COMPRESSOR

- Oil-Injected Rotary Screw Air Compressor
- Bolt-On Electric Inlet Valve
- Integral Air-to-Oil Separator Tank
- Lifetime Warranty

### AIR-TO-OIL COOLER

- Capable of Cooling Up to 150 PSI
- Ambient Operating Range of -20 °F to + 110 °F

### HYDRAULICS

- Gear-Type Motor
- Hydraulic Oil In – 3/4" 37 Degree JIC
- Hydraulic Oil Out - 1" 37 Degree JIC

### INSTRUMENTATION

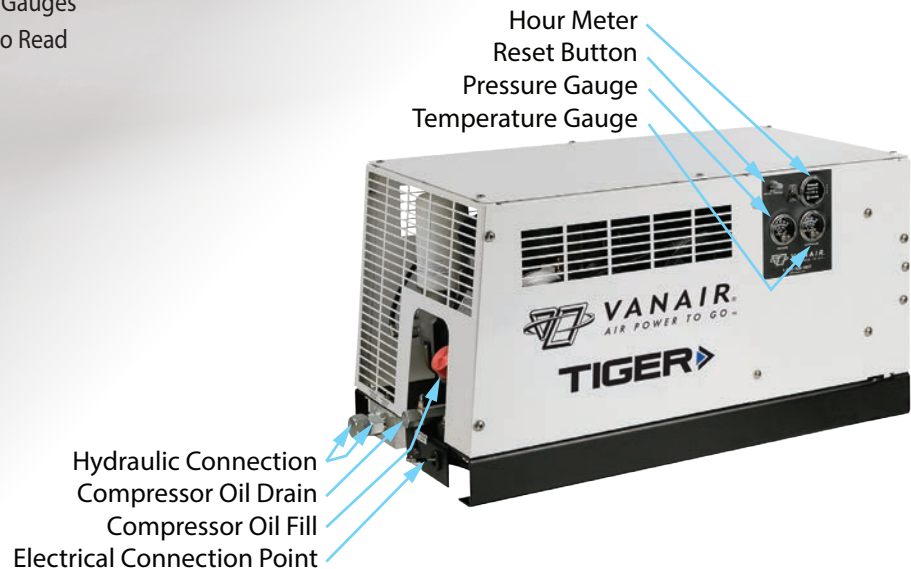
- Pressure, Hour and Temperature Gauges
- Conveniently Located and Easy to Read

### SAFETY EQUIPMENT

- Air Pressure Relief Safety Valve
- Hydraulic Oil Pressure Relief Valve
- Automatic Blow-Down on Shutdown
- High-Temperature and High-Pressure Compressor Shutdown
- Oil Fill Plug Safety Relief

### OPTIONS/ACCESSORIES

- 20 - 60 Gallon Air Reservoirs
- Aftercoolers
- Air Hoses
- Air Tools
- Cold Weather Package to Prevent Freeze-Ups
- Hose Reels and Fittings
- OSHA Safety Valve (Velocity Fuse)
- Post Drivers
- Service/Control Line Moisture Separators
- Tool Oiler/Lubricator
- Service Airline De-Icer
- Filter Lubricator Regulator (FLR) 1"



#### HYDRAULIC SYSTEM REQUIREMENTS

All hydraulic ratings and pressures are at the machine and do not take into account the pressure drops of individual hydraulic systems. These pressure drops need to be taken into account and added to the rating of the hydraulic pump and components. 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, the continuous hydraulic load when the compressor is running, the duty cycle and ambient operating temperatures, and any other hydraulic equipment that may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit).

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