

Tiger 30 - 45 CFM Hydraulic-Powered Air Compressor

TIGER



Rotary Screw Reliability

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

SPECIFICATIONS

STANDARD PRESSURE MODEL			
Capacity (cfm)	Air (psi)	Hydraulic Flow (gpm)	Hydraulic Pressure (psig)
30	100	10.0	1780
35	100	11.1	1840
40	100	12.5	1900
45	100	15.1	2000
HIGH PRESSURE MODEL			
Capacity (cfm)	Air (psi)	Hydraulic Flow (gpm)	Hydraulic Pressure (psig)
30	175	11.0	2400
35	175	12.3	2385
40	175	14.8	2300
45	175	16.8	2290

Ratings above are approximate and are based on 120°F hydraulic fluid temperature. Consult Vanair for Specific details.



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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

COMPRESSOR DIMENSIONS

with fittings (in.):

- 35.75 L X 17.5 W x 19.25 H*
- Dry Weight (lbs.) – 350

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)

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



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*Allow for adequate ventilation.
TIGER-0812