Vanair® Tiger abovedeck hydraulically driven air compressor. New and in current production

Capacity: 30 to 45 CFM free air at 100 psig. Compressor to be capable of 90 to 175 PSIG operation

Compressor: Vanair encapsulated 40 CFM rotary screw air compressor system with discharge check valve to reduce horsepower consumption during unloaded condition.

Input Speed: Air compressor shall produce 40 CFM at 7500 RPM input speed

Hydraulic Motor: Gear type hydraulic motor

### Standard Pressure Model

<table>
<thead>
<tr>
<th>CFM</th>
<th>30</th>
<th>35</th>
<th>40</th>
<th>45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Pressure</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Hyd. Flow (GPM)</td>
<td>10.0</td>
<td>11.1</td>
<td>12.5</td>
<td>15.1</td>
</tr>
<tr>
<td>Hyd. Press. (PSI)</td>
<td>1780</td>
<td>1840</td>
<td>1900</td>
<td>2000</td>
</tr>
</tbody>
</table>

### High Pressure Model

<table>
<thead>
<tr>
<th>CFM</th>
<th>30</th>
<th>35</th>
<th>40</th>
<th>45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Pressure</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>Hyd. Flow (GPM)</td>
<td>10.6</td>
<td>11.9</td>
<td>14.0</td>
<td>16.2</td>
</tr>
<tr>
<td>Hyd. Press. (PSI)</td>
<td>2200</td>
<td>2200</td>
<td>2200</td>
<td>2200</td>
</tr>
</tbody>
</table>

Ratings per CAGI/PNEUROP PN2CPTC3

Compressor Drive: Air Compressor shall be belt driven with a J-Section micro groove belt design

Weight: Compressor not to exceed 350 LBS.

Dimensions: 35.75 L x 17.5 W x 19.25 H (INCHES)

Air Intake Filters: Separate two-stage, heavy duty, dry-type air filters shall be provided for air compressor.

Air/Fluid Separator: Separator to be externally mounted spin-on design. Vanair separator shall provide for enhanced air quality, reduced operating and maintenance cost and optimized compressor performance.

Instrument Panel: Panel to include compressor air pressure gauge, hour meter, compressor oil temperature gauge and over-temperature/over-pressure reset switch.

Protective Circuit: Compressor to provide provisions for automatic shutdown in case of high compressor temperature or over pressurization. Additional protective features provided include automatic blow down valve, receiver relief valve and minimum pressure valve.
### Cooling System:
Compressor cooling system shall allow rated air delivery and pressure operation continuously in 125 degree Fahrenheit ambient temperatures. Cooler to be mounted in a powder coated galvanneal sheet metal enclosure with a suction type fan assembly. (No ABS plastic shrouding) Compressor fluid shall be filtered by a 25 micron full flow spin-on replaceable filter canister. A fan temperature switch shall be provided to regulate compressor cooling.

### Hydraulic Cooler:
Compressor package to include integrated hydraulic oil cooler

### Inlet Controls:
Electric inlet control valve shall be integrated into compressor system and automatically modulate output from 0 to 100% in response to air demand

### On/Off Control:
Compressor package to contain on/off solenoid valve, hydraulic pressure relief valve and directional safety valve to divert hydraulic oil back to reservoir for over-temperature or over-pressure conditions.

### Controls:
Pneumatic inlet control valve shall be integrated into compressor system and automatically modulate output from 0 to 100% in response to air demand

### Mainframe and Enclosure:
Fully powder coated Galvanneal mainframe and sheet metal enclosure with full service access.

### General:
The compressor shall be manufactured in an ISO 9001 certified quality system.

### Warranty:
The rotary screw air compressor unit shall be warranted for 3 years against defects in materials and workmanship and against the loss of capacity due to wear. The unit will be replaced or repaired at Vanair's option as a result of such defects. This warranty does not cover damage caused by accident, misuse, or negligence. If the compressor unit is disassembled the warranty is void. All other parts including the compressor unit shaft seal are warranted for twelve months subject to the same conditions mentioned above.

### Service Centers:
The air compressor manufacturer MUST have factory authorized service centers located in each State of the United States of America and Canadian Provinces

### Options:
Dual Pressure 100/150 PSI electrically or pneumatically activated allowing operator to instantly select multiple pressure settings
- Service line moisture trap
- Hose reels automatic/manual or electric rewind in various capabilities and sizes
- OSHA excel flow valve
- 20/30/40 gallon air reservoir tank
- ½ inch moisture separator / regulator/filter