INDUSTRIAL AIR COMPRESSOR - 25, 30, 40, 50 HP Direct Gear Drive

COMPRESSOR UNIT:
» Fluid flooded rotary screw, continuous duty, industrial air compressor.
» Direct coupled to motor for positive alignment.
» 5 Year Platinum Warranty/10 Year Platinum Plus Warranty Available

ELECTRIC MOTOR:
» Nema T-frame, C-face, double shaft, open drip proof squirrel cage induction type.
» 200/230/460/575/3/60 - 380/3/50
» 5 Year Platinum Warranty Available

MOTOR STARTER:
» Full voltage magnetic starter with 115 controls, Nema 1 enclosure, circuit breaker, transformer and three-phase overload protector.

COUPLING & DRIVE:
» Compressor is flange mounted to motor C-face for positive alignment and gear driven with low maintenance coupling.
» 5 Year Platinum Warranty Available

AIR INTAKE FILTER:
» Corrosion resistant housing
» Oversize multi-stage dry type with replaceable element.

MOUNTING:
» Base mounted, no special foundation required
» Optional tank and platform mounting available.

COOLING SYSTEM:
» Air-cooled with air/oil aftercooler and factory filled with Palasyn 45 synthetic lubricoolant.
» 5 Year Platinum Warranty Available.

CONTROLS:
» Auto dual control, full modulation, timed stop or constant run standard.
» Analog controlled for smooth operation and lowest possible no load power.
» Optional microprocessor.

INSTRUMENTATION:
» Line pressure gauge, fluid reservoir sightglass, hour meter, discharge temperature gauge, fluid filter and separator element differential gauges.

PROTECTIVE DEVICES:
» Class 20 overload relay, high temperature and overpressure shutdown.

LUBRICATION:
» Factory filled with 4000 hour Palasyn 45
» Equipped with microfiber full flow, spin on oil filter.
## COMPRESSOR TECHNICAL DATA

### COMPRESSOR DATA

<table>
<thead>
<tr>
<th>MODEL</th>
<th>25 DG</th>
<th>30 DG</th>
<th>40 DG</th>
<th>50 DG</th>
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<tbody>
<tr>
<td>CFM</td>
<td>105</td>
<td>120</td>
<td>160</td>
<td>225</td>
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<tr>
<td>Drive Motor</td>
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<td>30</td>
<td>40</td>
<td>50</td>
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<tr>
<td>Motor Speed (RPM)</td>
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<td>1750</td>
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<tr>
<td>Air Discharge (Inches)</td>
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<td>1&quot;</td>
<td>1 ¼&quot;</td>
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<td>Length (Inches) (A)</td>
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<tr>
<td>Width (Inches) (B)</td>
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<td>Height (Inches) (C)</td>
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<td>Weight (LBS)</td>
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<td>990</td>
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</tbody>
</table>

### COOLING DATA, AIR COOLED


Note: Rated capacity in ACFM is based on standard conditions @125 psig. Capacity will vary with ambient conditions; i.e. temperature and barometric pressure, and compressor output pressure.

### Compressor Options:

- Air filter pop-up indicator
- Auto restart
- Base load transfer 2 or 3 machines
- CDD - Intergrated Desiccant Dryer System
- CRP - Condensate Management Package
- Enclosure
- HATD Shutdown switch
- Microprocessor
- Motor option TEFC
- Percent capacity gauge
- Platform mounted (25-30-40 HP)
- Receiver 240 or 400 gallon vertical
- Separator trap
- Starter options: Nema-4, Wye - Delta, Solid State, or VFD
- Tank mount 120, 200, 240 gallon
- Water cooled

Call for complete information regarding all features and options.