**Simplex Enclosed Scrolls**

**Features and Benefits**
- Oil-less scroll air compressors
- High-quality cabinetry with steel-insulated panels and extruded aluminum framework on a rugged steel base.
- Quiet operation as low as 49 dBA
- Across-the-line magnetic motor starter (UL® Listed)
- 3-phase, 208-230/460
- 10 gallon ASME air receiver with safety relief valve and drain valve
- Manual drain valve for receiver (1/2” npt)
- Pressure switch on/offline control
- Main line shut off valve (1/2” npt)
- Microprocessor controls (See details below)
- Optional integrated dryer with on/off switch and air dewpoint indicator

**Low Pressure**

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Outlet Connection</th>
<th>dBA</th>
<th>Dimensions</th>
<th>Pressure (PSI)</th>
<th>System Capacity</th>
<th>Tank Size</th>
<th>Refrig. Dryer</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES300</td>
<td>3</td>
<td>1/2” npt</td>
<td>49</td>
<td>21.7</td>
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<td>1/2” npt</td>
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<td>AES500-V10-HP</td>
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<td>412</td>
<td>140</td>
</tr>
</tbody>
</table>

**Multiplex Enclosed Scrolls**

**Features and Benefits**
- Oil-less scroll air compressors
- High-quality cabinetry with steel-insulated panels and extruded aluminum framework on a rugged steel base.
- Quiet operation as low as 49 dBA
- Across-the-line magnetic motor starter (UL® Listed)
- 3-phase, 208-230/460
- 10 gallon ASME air receiver with safety relief valve and drain valve
- Manual drain valve for receiver (1/2” npt)
- Pressure switch on/offline control
- Main line shut off valve (1/2” npt)
- Microprocessor controls (See details below)
- Optional 120 gallon tank
- Optional Single desiccant dryer
- Optional CO and/or Dewpoint monitor
- Energy saving compressor sequencing - can be run as a simplex or multiplex unit in all configurations.

**Low Pressure**

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Outlet Connection</th>
<th>dBA</th>
<th>Dimensions</th>
<th>Pressure (PSI)</th>
<th>System Capacity</th>
<th>Tank Size</th>
<th>Desiccant Dryer</th>
<th>Carbon Monoxide Monitor</th>
<th>Dew Point Monitor</th>
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<td>2,205</td>
<td>116</td>
<td>-D</td>
<td>-C</td>
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</table>

**High Pressure**

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<tr>
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<th>System Capacity</th>
<th>Tank Size</th>
<th>Desiccant Dryer</th>
<th>Carbon Monoxide Monitor</th>
<th>Dew Point Monitor</th>
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</thead>
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<td>2,205</td>
<td>96.0</td>
<td>-D</td>
<td>-C</td>
</tr>
</tbody>
</table>

**System Example:** AES40000-HP-T0CD / 40 Hp with 120 gallon tank option with dryer, CO monitor and Dewpoint monitor option.

**Soft-Touch, Microprocessor, Control Panel**
- Start / Stop control buttons
- Microprocessor logic to cascade compressors as needed
- Power on light & run light
- Pressure gauge - digital
- Hour meter - digital
- Discharge temperature reading - digital

**High discharge temperature shutdown alarm indication light (error codes)**
- Time indication for alarms indication
- Power on light & run light
- Pressure gauge - digital
- Hour meter - digital
- Discharge temperature reading - digital

**Start / Stop control buttons**
- Microprocessor logic to cascade compressors as needed
- Power on light & run light
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**High discharge temperature shutdown alarm indication light (error codes)**
- Time indication for alarms indication
- Power on light & run light
- Pressure gauge - digital
- Hour meter - digital
- Discharge temperature reading - digital
**CO / Dewpoint**
- LCD Display
- CO: 0 - 100 PPM
- Dewpoint: -112°F - 68°F
- Visual & Audible Alarms

**After Filter**
- 1 Micron Particulate filtration
- Element Replacement Gauge
- Moisture Drain Valve

**Receiver**
- ASME® Certified
- 200 PSI Working Pressure
- Corrosion Resistant Lining

**Desiccant Dryer**
- -40°F Dewpoint
- Integrated Inlet & Outlet filtration
- Energy Saving Dewpoint depending switching
- Desiccant Cartridges for Ease of Maintenance