5–7.5 HP FIXED SPEED ROTARY SCREW COMPRESSORS

L-Series

Advanced Technology. Inspired Simplicity.

L-Series compressors from Gardner Denver feature more than just the latest compressor technology. They contain the cleanest, simplest, most intuitive machine layouts on the market. Equipped with standard TEFC main motors, wye-delta starters, GD Pilot™ microprocessor controllers and quiet enclosures, an L-Series unit from Gardner Denver is the optimal solution when a feature-rich, simple-to-operate compressor is required.

Configuration Flexibility

L-Series compressors are available in base mount or AirStation™ configurations. The plug-and-play AirStation™ configuration is an L-Series compressor mounted on a horizontal receiver tank with or without a refrigerated air dryer. Featuring high-end components such as the robust refrigerated dryer, stainless steel piping, integrated fork lift slots, the L-Series AirStation™ is the ideal solution for a compressed air system that requires minimal installation time and cost.

First Class Serviceability

The L-Series units set a new standard in serviceability. By utilizing a service-friendly package design, Gardner Denver delivers unprecedented access to service items such as; a high efficiency air filter, air/oil separator and oil filter. At the same time, the compact design eliminates unneeded connections and minimizes piping; reducing the opportunity for leaks. Couple these features with standard automatic belt tensioning and you have a world class small horsepower compressor package.

Gardner Denver
## L04–L05 ROTARY SCREW COMPRESSOR, 60 HZ

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DRIVE MOTOR</th>
<th>NOMINAL PRESSURE</th>
<th>FAD¹</th>
<th>NOISE LEVEL²</th>
<th>WEIGHT</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HP</td>
<td>PSIG</td>
<td>BAR</td>
<td>CFM</td>
<td>M³/Min</td>
<td>DB(A)</td>
</tr>
<tr>
<td>L04</td>
<td>5</td>
<td>100</td>
<td>6.9</td>
<td>19.4</td>
<td>0.55</td>
<td>68</td>
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<tr>
<td></td>
<td>125</td>
<td>8.6</td>
<td>18.2</td>
<td>0.52</td>
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<tr>
<td></td>
<td>190</td>
<td>13.0</td>
<td>12.9</td>
<td>0.36</td>
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<td></td>
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<tr>
<td>L05</td>
<td>7.5</td>
<td>100</td>
<td>6.9</td>
<td>28.4</td>
<td>0.8</td>
<td>28.4</td>
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<tr>
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<td>125</td>
<td>8.6</td>
<td>24.9</td>
<td>0.71</td>
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<tr>
<td></td>
<td>190</td>
<td>13.0</td>
<td>18.3</td>
<td>0.52</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1) Data measured and stated in accordance with ISO1217, Ed. 4, Annex C & Annex E at the following conditions:
   Air Intake Pressure 1 bar A, Air Intake Temperature 20°C, Humidity 0% (Dry)
2) Measured in free field conditions in accordance with ISO 2151, tolerance +/– 3 dB

### AIR STATION SPECIFICATIONS, 60 HZ

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DRYER MODEL</th>
<th>RECEIVER SIZE (GAL. (LITERS))</th>
<th>REFRIGERANT</th>
<th>WEIGHT LBS (KG)</th>
<th>DIMENSIONS L × W × H IN. (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>80, 120, 240 (303, 454)</td>
<td>R134A</td>
<td>80 GAL</td>
<td>120 GAL</td>
</tr>
<tr>
<td>L04</td>
<td>RNC25</td>
<td>Less Dryer 791 (359)</td>
<td>Less Dryer 874 (397)</td>
<td>Less Dryer 1226 (557)</td>
<td>Less Dryer 52 x 32 x 68 (1321 x 813 x 1727)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>With Dryer 877 (398)</td>
<td>With Dryer 960 (436)</td>
<td>With Dryer 1312 (596)</td>
<td>With Dryer 73 x 32 x 68 (1854 x 813 x 1727)</td>
</tr>
<tr>
<td>L05</td>
<td>RNC35</td>
<td>Less Dryer 791 (359)</td>
<td>Less Dryer 874 (397)</td>
<td>Less Dryer 1226 (557)</td>
<td>Less Dryer 73 x 32 x 68 (1854 x 813 x 1727)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>With Dryer 881 (400)</td>
<td>With Dryer 964 (438)</td>
<td>With Dryer 1316 (597)</td>
<td>With Dryer 72 x 32 x 68 (1829 x 813 x 1727)</td>
</tr>
</tbody>
</table>

Dryer on AirStation™ package has separate electrical connection and voltage.

### L-Series Features (5–7.5 HP)
- Belt drive, oil flooded, single stage rotary screw air compressor
- AEON 4000 lubricant
- Air-cooled only
- Standard & optional condensate drains (with receiver tank selection)
- CRN and ASME rated aftercooler
- UL labeled electronics (including C-UL-US open industrial control panel)
- GD Pilot microprocessor controller
- IP54 electrical enclosure
- Load/no load control and timed shutdown
- Moisture separator (shipped loose)
- Mounted and wired full voltage starter (3ph)
- Mounted and wired inverter (3ph)
- Optional ASME receiver tank (80, 120, 240 gallons)
- Optional mounted non-cycling refrigerated dryer (with receiver tank selection)
- Optional cold coalescing filter (with mounted RNC dryer)
- Optional three-way bypass valve (with receiver tank and mounted dryer)
- Quiet enclosure
- Spin-on oil filter and air/oil separator
- Second pressure band control for lead/lag operation
- Stainless steel piping (with receiver tank and mounted dryer)
- TEFC main motor
- Two-stage air filter
- Voltage: 230V (single phase), 208 / 230 / 460 / 575V (3 phase)

Dryer on AirStation™ package has separate electrical connection and voltage.

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Please recycle after use.