



125-180 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, Governor™ 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.

First Class Serviceability

The L-Series units set a new standard in serviceability. By utilizing integrated airend design techniques, Gardner Denver delivers unprecedented access to service and routine maintenance items. At the same time, the compact design eliminates unneeded connections and minimizes piping; reducing the opportunity for leaks. Couple these features with an intuitive touch screen controller with optional data logging and sequencing capabilities and you have a world class compressor package.

Gardner
Denver

L90-L132 ROTARY SCREW COMPRESSOR

| MODEL | DRIVE MOTOR | | 50 Hz | | | | 60 Hz | | | | NOISE LEVEL ² | WEIGHT ³ | | DIMENSIONS L × W × H | |
|-------|-------------|-----|------------------|------|-------|---------------------|------------------|------|------------------|---------------------|--------------------------|---------------------|------|-------------------------|----|
| | HP | KW | NOMINAL PRESSURE | | FAD | | NOMINAL PRESSURE | | FAD ¹ | | | DB(A) | LBS | | KG |
| | | | PSIG | BAR | ACFM | M ³ /MIN | PSIG | BAR | ACFM | M ³ /MIN | | | | | |
| L90 | 125 | 90 | 110 | 7.5 | 616.0 | 17.45 | 110 | 7.6 | 579.3 | 16.40 | 75 | 5699 | 2585 | | |
| | | | 145 | 10.0 | 546.1 | 15.47 | 130 | 9.0 | 579.3 | 16.40 | | | | | |
| | | | 190 | 13.0 | 474.8 | 13.45 | 190 | 13.1 | 492.9 | 13.96 | | | | | |
| L110 | 150 | 110 | 110 | 7.5 | 733.2 | 20.77 | 110 | 7.6 | 759.3 | 21.50 | 77 | 6008 | 2725 | | |
| | | | 145 | 10.0 | 657.6 | 18.63 | 130 | 9.0 | 700.6 | 19.84 | | | | | |
| | | | 190 | 13.0 | 572.2 | 16.21 | 190 | 13.1 | 581.9 | 16.48 | | | | | |
| L132 | 180 | 132 | 110 | 7.5 | 807.3 | 22.87 | 110 | 7.6 | 834.9 | 23.64 | 78 | 6272 | 2845 | | |
| | | | 145 | 10.0 | 750.8 | 21.27 | 130 | 9.0 | 784.2 | 22.21 | | | | | |
| | | | 190 | 13.0 | 656.2 | 18.59 | 190 | 13.1 | 652.0 | 18.46 | | | | | |

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) Noise levels are for air-cooled models, and measured in free field conditions in accordance with ISO 2151, tolerance +/- 3dB.

3) Weights are for air-cooled models.

L-Series Features (125-180 HP)

- Direct-gear drive, oil flooded, single stage rotary screw air compressor
- AEON 9000SP lubricant
- Air-cooled standard
- Air supply piping includes hard pipe design with Viton Victaulic couplings
- CRN and ASME rated aftercooler
- Electrical components UL listed for the US and Canada, including C-UL-US listed open control panel
- Governor™ microprocessor controller
- Integrated spin-on oil filter
- Integrated thermostatic thermal mixing valve
- Type 1 electrical enclosure
- Load/no load control and timed shutdown
- Moisture separator (shipped loose)
- Mounted and wired wye-delta starter
- Multi-compressor sequencing
- Optional water cooling
- Quiet enclosure
- Built-in data logging
- Second pressure band control for lead/lag operation
- TEFC main motor
- Two-stage air filter and air/oil separation system
- Voltage: 230 / 460 / 575V (3 phase only)

Gardner Denver®

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