



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, GD Pilot TS™ 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				WEIGHT		DIMENSIONS L x W x H IN. (MM)	
			NOMINAL PRESSURE		FAD ¹		NOMINAL PRESSURE		FAD ¹					NOISE LEVEL ² DB(A)
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN				
L90	125	90	110	7.5	616	17.45	100	6.9	628.9	17.82	75	5551	2518	
			145	10.0	546.1	15.47	125	8.6	574.2	16.27				
			190	13.0	474.8	13.45	190	13.0	472.2	13.38				
L110	150	110	110	7.5	733.2	20.77	100	6.9	729.1	20.65	77	5860	2658	
			145	10.0	657.6	18.63	125	8.6	684.2	19.38				
			190	13.0	572.2	16.21	190	13.0	569.8	16.14				
L132	180	132	110	7.5	807.3	22.87	100	6.9	800.1	22.67	78	6124	2778	
			145	10.0	750.8	21.27	125	8.6	753.3	21.34				
			190	13.0	656.2	18.59	190	13.0	648.3	18.37				

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

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
- CSA labeled and approved electrical controls and wiring
- cUL labeled electronics (including C-UL-US open industrial control panel)
- GD Pilot TS™ microprocessor controller
- Integrated spin-on oil filter
- Integrated thermostatic thermal mixing valve
- IP54 electrical enclosure
- Load/no load control and timed shutdown
- Moisture separator (shipped loose)
- Mounted and wired wye-delta starter
- Optional Base Load Selector sequencing
- Optional potential free contacts kit
- Optional Profibus interface module
- Optional water cooling
- Quiet enclosure
- SD card for 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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