



215-390 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

L160-L290 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 Hz				60 Hz				NOISE LEVEL ²	WEIGHT		DIMENSIONS L x W x H IN. (MM)
			NOMINAL PRESSURE		FAD ¹		NOMINAL PRESSURE		FAD ¹					
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN				
L160	215	160	110	7.6	1131.5	32.04	110	7.6	1128.5	31.96	78	9229	4186	
			145	10.0	995.9	28.20	145	10.0	843.1	23.87				
			190	13.1	844.4	23.91	190	13.1	819.5	23.21				
L200	270	200	110	7.6	1385.4	39.23	110	7.6	1338.0	37.89	79	9733	4415	
			145	10.0	1230.7	34.85	145	10.0	1035.2	29.31				
			190	13.1	1037.5	29.38	190	13.1	1010.1	28.60				
L250	340	250	110	7.6	1484.3	42.03	110	7.6	1464.3	41.46	80	10196	4625	
			145	10.0	1307.0	37.01	145	10.0	1182.7	33.49				
			190	13.1	1152.7	32.64	190	13.1	1160.7	32.87				
L290	390	290	110	7.6	1663.3	47.10	110	7.6	1616.7	45.78	81	10251	4650	
			145	10.0	1466.6	41.53	145	10.0	1262.0	35.74				
			190	13.1	1286.9	36.44	190	13.1	1244.3	35.23				

115 x 82 x 86
(2907 x 2071 x 2195)

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

3) Performance data listed is for air cooled packages. Refer to EDS for water cooled data.

L-Series Features (215-390 HP)

- Direct-gear drive, oil flooded, single stage rotary screw air compressor
- AEON 9000SP lubricant
- Air-cooled standard
- Optional water cooling available
- 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 with touchscreen
- Integrated spin-on oil filters
- Integrated thermostatic thermal mixing valve
- Type 1 electrical enclosure
- Load/no load control and timed shutdown
- Optional moisture separator (shipped loose)
- Mounted and wired wye-delta starter
- Built-in data logging
- Multi-compressor sequencing option
- Quiet enclosure
- Second pressure band control for lead/lag operation
- TEFC main motor
- Two-stage air filter and air/oil separation system
- Voltage:
 - 460V/575V 60 Hz
 - 400V 50 Hz

Gardner Denver®

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